



GRAPHITE INDIA LIMITED

DURGAPUR-713211, DIST. - BURDWAN
E-MAIL : general_dgp@graphiteindia.com

To

Date: 19.12.2025

The IGF& In charge, GOI, MOEF&CCA/3, Chandrasekharpur
Integrated Regional Office
Kolkata, 1B-198, Salt Lake City, Sector III
Kolkata- 700106
Email ID- iro.kolkata-mefcc@gov.in

Sub.: Submission of Six Monthly Compliance Report for the period of April 2025 to
September 2025
EC Ref.No. : EN/T-II-1/128/2021, Date 10/03/2023

Sir,

We are pleased to submit the six monthly compliance reports along with necessary enclosures regarding "**Proposed Expansion of Capacity from 52 KTPA to 67 KTPA**" by Graphite India Limited, JL No. – 85 & 92, Vill – Sararbanga, Durgapur, Dist. – Paschim Bardhaman, West Bengal.

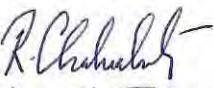
The Compliance Report has been prepared against the conditions mentioned in the Environmental Clearance vide Ref. no. **EN/T-II-1/128/2021, Date 10/03/2023**

We hope that you will do the needful in this regard.

Thanking you

Yours truly,

For Graphite India Limited,


Ranadeep Chakraborty
(Sr. Vice President Works)

Registered Office : 31, Chowringhee Road, Kolkata - 700016

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COMPLIANCE STATUS REPORT ON ENVIRONMENTAL CLEARANCE

GRAPHITE INDIA LIMITED
Village – Sagarbhanga, Taluk – Durgapur, District – Paschim
Bardhaman, West Bengal – 713211

F. No. : EN/T-II-1/128/2021 date : 10/03/2023

I. Statutory compliance

Sl.	Compliance conditions	:	Compliance status
i.	The project proponent shall obtain forest clearance under the provisions for Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose in the project.	:	The project proponent does not required forest clearance as the expansion project is in the existing industrial land.
ii.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	:	It is not applicable as the expansion project is in the existing industrial land.
iii.	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan/Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).	:	Site-Specific Conservation Plan & Wildlife Management Plan does not required for this project as there is no Schedule I species present in the 10 km radius of the project.

Sl.	Compliance conditions	:	Compliance status
iv.	The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board Committee.	:	Consent to Establish / operate for existing project are attached as Annexure – 1 .
v.	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water/ from the competent authority concerned in case of drawl of surface water required for the project.	:	There is no drawl of ground water.
vi.	The project proponent shall obtain authorization under the Hazardous and the other Waste Management Rules, 2016 as amended from the time to time.	:	For existing Authorization under the Hazardous and the other Waste Management Rules, 2016 has been obtained. See Annexure – 2 . For expansion part HW authorization obtained Annexure -2 (a) .
vii.	The company shall strictly comply with the rules and guidelines under Manufactures, Storage and Import of Hazardous Chemicals (MSHIC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.	:	The company will comply with applicable rules and guidelines under Manufactures, Storage and Import of Hazardous Chemicals (MSHIC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.
ii.	Air quality monitoring and preservation		
i.	The project proponent shall install 24x7 continuous emission system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules, 1986 and connected to SPCB and CPCB online serves and calibrate	:	24x7 continuous emission system at 15 KTPA expansion project process stack to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules, 1986 is Commissioned & running.

Sl.	Compliance conditions	:	Compliance status
	these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.		Calibration is done time to time. Connection with AAQMS with SPCB done. In New Portal of CPCB connection Approved & uploaded. Photos Attached Annexure – 3 .
ii.	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.	:	Fugitive emissions in the plant premises has been monitored. Reports are attached as Annexure – 4 .
iii.	The project proponent shall install system to carryout continuous Ambient Air Quality Monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM ₁₀ and PM _{2.5} in reference to PM emission, and SO ₂ , and NO _x in reference to SO ₂ and NO _x emission) within and outside the plant area at least at four locations (one within and three outside the plant area at an angel of 102° each), covering upwind and downwind directions. (case to case basis small plants: Manual; Large plants: Continuous).	:	Continuous Ambient Air Quality Monitoring is installed & Commissioned. The project proponent has monitored Ambient Air Quality from NABL accredited lab. Reports are attached as Annexure – 4 in this compliance form . Photos of CAAQMS is attached as Annexure – 3 .
iv.	The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual monitoring of air quality/fugitive emissions to Regional Office of Ministry of Environment, Forest & Climate Change / State Environment Impact Assessment Authority /State Pollution Control Board / Zonal office of CPCB along with six-monthly monitoring report.	:	The monthly summary of continuous stack emission report emission attached in Annexure- 3A of 15 KTPA expansion processes stack after the Commissioning Date. Results of manual monitoring of air quality/fugitive emissions & Stack monitoring has been carried out. Reports are attached as Annexure – 4 . Same is submitted through this report to Regional Office of Ministry of Environment, Forest & Climate

Sl.	Compliance conditions	:	Compliance status
			Change / State Environment Impact Assessment Authority /State Pollution Control Board / Zonal office of CPCB along with six-monthly monitoring report.
v.	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.	:	Appropriate Air Pollution Control (APC) system has been provided for 15 KTPA expansion project and also APC has been provided at all dust generating points for existing units. Photograph has been attached as Annexure – 5.
vi.	Sulphur content should not exceed 0.5% in the coal for use fired boilers to control particulate emission within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB guidelines.	:	The unit does not use coal fired boiler so this condition is not in project configuration.
vii.	The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.		The DG sets has been equipped with suitable pollution control devices and with the adequate stack height.
viii.	The National Emission Standards for Petroleum Oil Refinery issued by the Ministry vide G.S.R. 186(E) dated 18th March, 2008 and G.S.R. 595(E) dated 21st August, 2009 as amended from time to time shall be followed.		This condition is not in project configuration.
ix.	The National Emission Standards for Petrochemical (Basic & Intermediates) issued by the Ministry vide G.S.R. 820 (E) dated 9th		This condition is not in project configuration.

Sl.	Compliance conditions	:	Compliance status
	November, 2012 as amended time to time shall be followed.		
x.	Storage of raw materials, coal etc. shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.		Storage of raw materials are stored in covered areas to prevent dust pollution and other fugitive emissions.
iii.	Water quality monitoring and preservation		
i.	The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/ drain carrying effluent within the premises (applicable in case of the projects achieving ZLD).		Presently there is no discharge of effluent of outside the plant. The unit has commissioned web camera with night vision capability and flow meters in the channel/ drain carrying effluent within the premises. Photos has been attached as Annexure – 3 .
ii.	The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/ sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.		The condition is not in project configuration as no Ground water is used. Outside plant in nearby area, Ground water analyzed and report attached as Annexure – 4A
iii.	The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of Ministry of Environment, Forests & Climate Change / State Environment Impact Assessment Authority/Zonal office of CPCB/ State Pollution Control Board along with six-monthly monitoring report.		Presently there is no discharge outside the plant. Manual monitoring of water quality has been attached as Annexure – 4 and same is submitted through this report submitted to Regional Office of Ministry of Environment, Forests & Climate Change / State Environment Impact Assessment Authority/Zonal office of CPCB/ State Pollution Control Board along with six-monthly monitoring report.

Sl.	Compliance conditions	:	Compliance status
iv.	The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air / Water Act, whichever is more stringent.		The effluent discharge conforms to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air / Water Act, whichever is more stringent.
v.	As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste / treated water shall be discharged outside the premises (applicable in case of the projects achieving the ZLD).		Zero Liquid Discharge is ensured and no waste / treated water is discharged outside the premises.
vi.	Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority / SWID in this regard.		Total fresh water requirement will not exceed the proposed quantity or as specified by the Committee. If supplied water required prior permission will be obtained from the concerned regulatory authority / SWID in this regard.
vii.	Process effluent / any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.		Process effluent / any wastewater is not allowed to mix with storm water. The storm water from the premises is collected and discharged through a separate conveyance system.
viii.	The project proponent shall practice rainwater harvesting to maximum possible extent.		The project proponent implemented rainwater harvesting as proposed in EIA. Photographs of existing rainwater harvesting tank is attached herewith. Annexure – 6.
ix.	The project proponent shall make efforts to minimise water consumption in the complex by		The project proponent has made efforts to minimize water consumption in the complex by

Sl.	Compliance conditions	:	Compliance status
	segregation of used water, practicing cascade use and by recycling treated water.		segregation of used water and by recycling treated/filtered water.
iv.	Noise monitoring and prevention		
i.	Acoustic enclosure shall be provided to DG set for controlling the noise pollution.		Acoustic enclosure is provided to DG set for controlling the noise pollution.
ii.	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.		The overall noise levels in and around the plant area is kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
iii.	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.		The ambient noise levels conforms to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time. Reports of existing plant are attached as Annexure – 4 .
v.	Energy Conservation measures		
i.	The energy sources for lighting purposes shall preferably be LED based.		The energy sources for lighting purposes is LED based. Photographs are attached as Annexure – 19 .
vi.	Waste management		
i.	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.		Hazardous chemicals if any will be stored in as per statuary norms and precaution taken as regulatory requirement.
ii.	Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.		Process organic residue is not generated. ETP sludge generated and is disposed off to the TSDF.

Sl.	Compliance conditions	:	Compliance status
iii.	<p>The company shall undertake waste minimization measures as below:-</p> <ul style="list-style-type: none"> a. Metering and control of quantities of active ingredients to minimize waste. b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. c. Use of automated filling to minimize spillage. d. Use of Close Feed system into batch reactors. e. Venting equipment through vapour recovery system. f. Use of high pressure hoses for equipment clearing to reduce wastewater generation. 		<p>The company has undertaken the waste minimization measures as mentioned in the condition –</p> <ul style="list-style-type: none"> a. Project proponent has metering and control of quantities of active ingredients to minimize waste. b. By-products are reused or sold. c. Automated filling is used to minimized spillage. d. The condition is not in project configuration. e. The condition is not in project configuration. f. The condition is not in project configuration.
vii.	Green Belt		
i.	<p>The green belt of 5-10 m width shall be developed in the total project area and also in the compensatory plantation area as proposed by the project proponent. In this regard, O.M. issued by MoEF&CC vide F No 22-2312018.IA.III(Pt.) dated 31.10.2019 should be strictly complied with, as the project is located within the municipal boundaries of Durgapur Municipal Corporation which is declared as Severely Polluted Area. The plantation should be done mainly along the plant periphery, in downward wind direction, and along road sides etc. and also in the colony areas. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. The project</p>		<p>The project proponent has developed Greenbelt within project and colony areas.</p> <p>Green belt at the project area developed as per proposal by planting 688 Plants. Mango – 180 nos, Bakul – 143 nos, Radha Chura- 138 & Krishna Chura- 79 nos , Jack Fruit- 148 nos.</p> <p>Green belt at Colony area is developed as per proposal. The project proponent has followed the plantation plan submitted and uploaded in the PARIVESH portal.</p> <p>Photographs and layout of old colony</p>

Sl.	Compliance conditions	:	Compliance status
	proponent should follow the plantation plan submitted and uploaded in the PARIVESH portal by them. In addition to greenbelt area within project site, 13,018 sq.m. of greenbelt area to be developed in the colony area, as proposed.		and new colony are attached as Annexure – 7.
viii. Public hearing and Human health issues			
i.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.		Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan is implemented.
ii.	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.		The unit has made the arrangement for protection of fire hazards during manufacturing process in material handling. Fire fighting system is as per the norms.
iii.	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.		Training is imparted to all employees on safety and health aspects to product handling. Routine periodical medical examinations for all employees is done on regular basis. Health register is maintained. Health register and training photographs have been attached as Annexure – 8.
iv.	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.		This condition is not in project configuration.
v.	Provision shall be made for the housing of construction labour within the site with		Provision was made for the housing of construction labour

Sl.	Compliance conditions	:	Compliance status
	all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.		within the site with all necessary infrastructure and facilities. The housing were be in the form of temporary structures removed after the completion of the project.
vi.	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.		There is adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking is allowed outside on public places. Parking photographs are attached as Annexure – 9 .
vii.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.		Occupational health surveillance of the workers have been submitted on a regular basis and records maintained as per the Factories Act. ESI challan has been attached as Annexure – 10 .
ix.	Environment Management Plan (EMP)		
i.	The project proponent should submit the proposed EMP on a six monthly basis. The Office Memorandum issued by the MoEF & CC vide F. No. 22-6512017-IA.III dated 30.09.2020 read with O.M. issued by MoEF&CC vide F No. 22-2312018.IA.III(Pt.) dated 31.10.2019 should be strictly complied with, as the project is located within the municipal boundaries of Durgapur Municipal Corporation which is declared as Severely Polluted Area.		The project proponent has submitted the proposed EMP on a six monthly basis. The Office Memorandum issued by the MoEF & CC vide F. No. 22-6512017-IA.III dated 30.09.2020 read with O.M. issued by MoEF&CC vide F No. 22-2312018.IA.III(Pt.) dated 31.10.2019 is strictly complied with, as the project is located within the municipal boundaries of Durgapur Municipal Corporation which is declared as Severely Polluted Area. Photographs of STP used to recycle

Sl.	Compliance conditions	:	Compliance status
			20 KLD kitchen waste water has been attached as Annexure – 11 .
ii.	Need based activities for local people is part of the EMP. Details of such activities are submitted by the project proponent is given in Annexure – 3.		Need based activities for local people is part of the EMP has been complied with and addressed in six monthly compliance report. See Annexure – 12 .
iii.	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation / violation of the environmental/forest /wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental /forest/ wildlife norms / conditions and /or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the Ministry of Environment, Forests & Climate Change /State Environment Impact Assessment Authority / State Pollution Control Board as a part of six-monthly report.		The company has prepared environment policy. The policy has been attached as Annexure – 13 .
iv.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of Senior Executive, who will directly to the head of the organization.		Project proponent already have environment management system organizational structure which is given in EIA.
v.	Action plan for implementing EMP and environmental conditions along with		Action taken for the EMP which is need based activity for local people

Sl.	Compliance conditions	:	Compliance status
	responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry of Environment, Forests & Climate Change / State Environment Impact Assessment Authority/ State Pollution Control Board along with the Six Monthly Compliance Report.		will be complied with and details with the same will be shared in six monthly compliance report. See Annexure – 12.
vi.	Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.		Self environmental monitoring is done on quarterly basis and reports of the same is submitted to WBPCB. A every year third party environmental management system audit carried out. Audit certificates are attached as Annexure – 14.
x. Additional conditions			
a.	The project proponent should comply with the conditions mentioned in O.M. issued by MoEF&CC vide F No. 22-2312018.IA.III(Pt.) dated 31.10.2019 as the project is located within the municipal boundaries of Durgapur Municipal Corporation which is declared as Severely Polluted Area.		The project proponent complies with the conditions mentioned in O.M. issued by MoEF&CC vide F No. 22-2312018.IA.III(Pt.)dated 31.10.2019 as the project is located within the municipal boundaries of Durgapur Municipal Corporation which is declared as Severely Polluted Area.
b.	The project proponent shall install display board for display of all the environmental parameters including sensor-based air, water and noise quality monitoring stations as proposed within their premises.		The project proponent has installed display board for display of relevant environmental parameters. Photographs attached as Annexure – 3.
xi.	Miscellaneous		

Sl.	Compliance conditions	:	Compliance status
i.	The environmental clearance accorded shall be valid for a period of 10 years for the proposed project.		The given condition is noted.
ii.	The project proponent shall make public the environmental clearance granted for-their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.		The project proponent has made public the environmental clearance granted for-their project along with the environmental conditions and safeguards at their cost by prominently advertising in two local newspapers of the District or State, of which one shall be in the vernacular language and is also displayed in the project proponent's website permanently. Advertisement and screenshot of the website copy of local newspaper has been attached as Annexure – 15 .
iii.	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.		The copies of the environmental clearance is submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government. The intimation copy has been attached as Annexure – 16 .
iv.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.		The project proponent has uploaded the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis. Website

Sl.	Compliance conditions	:	Compliance status
			Screenshot has been attached as Annexure – 17.
v.	The project proponent shall monitor the criteria pollutants level namely; PM10, S02, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.		The project proponent has monitored the criteria pollutants level namely; PM10, S02, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and displayed the same in the website through six monthly compliance report.
vi.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment, Forest and Climate Change at environment clearance portal with a copy to SEIAA/WBPCB.		The project proponent is submitting six-monthly reports on the status of the compliance of the stipulated environmental conditions. Refer Annexure – 17.
vii.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under; the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.		The project proponent has submitted the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board. Submission letter has been attached as Annexure – 18.
viii.	The project proponent shall inform the Regional Office of the MoEF&CC along with SEIAA and WBPCB, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.		The project proponent has obtained the CTE and CTO where in the details of the project were being already disclosed.

Sl.	Compliance conditions	:	Compliance status
ix.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.		The condition will be followed.
x.	The project proponent shall abide by all the commitments and recommendations made in the EIA / EMP report, commitment made during Public Hearing and also that during their presentation to the State Expert Appraisal Committee (SEAC).		The project proponent will follow by all the commitments and recommendations made in the EIA / EMP report, commitment made during Public Hearing and also that during their presentation to the State Expert Appraisal Committee (SEAC).
xi.	No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA/ MoEF&CC.		No further expansion or modifications in the plant will be carried out without prior approval of the SEIAA/ MoEF&CC.
xii.	Concealing factual data or submission of false / fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.		The condition will be followed.
xiii.	The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.		The condition will be followed.
xiv.	The SEIAA reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.		The condition will be followed.
xv.	The Regional Office of MoEF&CC/SEIAA/WBPCB shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office of		The condition will be followed.

Sl.	Compliance conditions	:	Compliance status
	MoEF&CC/SEIAA/WBPCB by furnishing the requisite data / information / monitoring reports,		
xvi.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts/NGT and any other Court of Law relating to the subject matter.		The condition will be followed.
xvii.	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.		The condition will be followed.

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পশ্চিমবঙ্গ পশ্চিম বঙ্গ WEST BENGAL

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10/06/25
10/06/25
Certified that the Document
is Admitted to Registration the
Signature Sheet and the Endr-
osements Attached with this
Documents are the Part of this
Document.

A.D.S.R. Durgapur
Paschim Bardhaman

THIS INDENTURE OF LEASE executed on this
13th day of June, 2025

BY AND BETWEEN

13 JUN 2025

Sl. No. 7900 Date 23/05/2025
Sold to Graphite India Limited
Address Durgapur
Value of Stamp 1000/-
Date of Purchase of this
Stamp Paper from Treasury APR 2025
Name of this Treasury where
Stamp Paper Purchase-Durgapur

Khudiram Mondal

KHUDIRAM MONDAL
Stamp Vendor
Durgapur Court
City Centre, Durgapur-70
L.No.1



Addl. Dist. Sub-Registrar
Durgapur, Paschim Bardhaman

13 JUN 2025

THE GOVERNOR OF THE STATE OF WEST BENGAL represented by the Special Officer, Urban Development & Municipal Affairs Deptt., Government of West Bengal having its office at "City Centre", Durgapur-16, Dist. Paschim Bardhaman, West Bengal, hereinafter called the "**LESSOR**" (which expression shall unless excluded by or repugnant to the context shall be deemed to mean and include his / her / their heirs, executors, administrators, legal representatives, assigns and successors-in-office) of the **ONE PART/ FIRST PARTY**;

AND

M/s Graphite India Limited, a company incorporated under the provisions of the Companies Act. 1956, bearing **PAN : AAACCO457C** and **CIN: L10101WB1974PLC094602**, represented by its Executive Director, **Mr. Ashutosh Dixit**, PAN: ACUPD9095L, Aadhaar No. 200311142342, S/O: Mani Lal Dixit, having its registered office at 31, Chowringhee Road, Kolkata- 700016, West Bengal hereinafter called the **LESSEE/SECOND PARTY** (which expression shall unless excluded by or repugnant to the context be deemed to include its heirs, executors, administrators, representatives and assigns) of the **SECOND PART**;

WHEREAS THE Lessee applied to the Government of West Bengal (hereinafter referred to as the Government) for a renewal of lease for the purpose of continuing operation of plant on the land, herein after mentioned and described in part I of the schedule hereunder written within the Industrial Zone on 80' Ft wide road at S.I. area, Durgapur.

AND WHEREAS the Lessor by way of an Allotment had allotted a piece of land admeasuring **50.45 acres** to the lessee for the purpose of Industrial operation.

AND WHEREAS clause 5 of the Deed of Lease bearing No. **I-4418 dated 26.07.1967**, the lessee is entitled to opt for renewal for a period of 30 years and the prayer dated 20.01.2025 of the concerned lessee has been considered in tune with the directions laid down by the Government of West Bengal in the Memo bearing No. 2002/1(1)-UDMA-22012(11)/42/2023-ESTT-TCP SEC-Dept. of UDMA dated 19.12.2024.

NOW THIS INDENTURE WITHNESSETH AS FOLLOWS:

1. In consideration of payment of Rs. Nil and acknowledged thereof by the **FIRST PARTY** and of the rent hereby reserved and fully mentioned in part II of the schedule hereunder written and of the terms, covenants and conditions contained in part II of the said schedule hereunder written on the part of the lessee to be paid, observed and performed, the Lessor doth hereby grant and demise unto the lessee on "as is where is basis" ALL THAT piece or parcel of land mentioned and described in part -I of the schedule hereunder written (hereinafter referred to as the 'demised premises') TO HOLD the same unto **the lessee for the period of 30 (thirty) years with effect from 03.03.2025**, yielding and paying therefore the **present** at the time and in the manner mentioned in Part - II of the said schedule hereunder written. The lessee has the right to obtain further **renewal** on the terms and conditions as per Govt. rules



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and norms, prevalent at the time of renewal for a long term lease for a **further period of 30 (thirty) years from 03.03.2025.**

**THE SCHEDULE ABOVE REFERRED TO
PART-I
PARTICULAR OF THE HOLDING**

1. L.O.P. No.	: I-SA/01
2. R.S. Plot Nos.	: Annexure -A
3. L.R khatian No.	: As per annexure attached
4. J.L. No.	: 85 & 92
5. Name of the Mouza	: Gopinathpur & Nadiha.
6. Area of the Plot	: 50.45 acres (more or less)
7. Parganas	: Silampur & Sergarh.
8. P.S.	: Coke-Oven
9. ADSR Office	: City Centre, Durgapur-16
10. District	: Paschim Bardhaman

BOUNDARIES OF THE PLOT

NORTH BY : SAGAR BHANGA VILLAGE.

SOUTH BY : INDUSTRIAL PLOT OF ADDA.

EAST BY : INDUSTRIAL PLOT OF ADDA & SAGAR BHANGA VILLAGE.

WEST BY : 80' FT. WIDE ROAD.

The demised premises is shown in the map or plan hereto annexed within boundaries in Red colour.

PART-II

1. The **LESSEE** to the intent that the obligations herein on the part of lessee/s contained shall agree and covenant with the Lessor that lessee/s shall duly and punctually fulfill observe and perform the terms and conditions and covenants hereinafter expressed.
2. To pay the annual **ground rent** of the demised premises to be paid by 31st March of each year @ **Rs.375/-** (Rupees three hundred seventy five) only **per acres** or fraction thereof per annum to the **LESSOR**. The rate of the Ground Rent may be amended from time to time by the **LESSOR**, as mentioned in the **Head Lease Deed** dated 26.07.1967 for enhancement of rent to the extent of 25%.

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3. The Lessee shall abide by the notification issued by the Government of West Bengal being no. 2954(40)-LA/5C-134/06 dated 07/06/2007 along with the duty to meet up aforesaid ground rent. Any default of the said claim will be recovered under the provisions of law;
4. In default of payment of rent within the year in which the rent falls due the LESSEE shall be bound to pay, in addition to the arrear rent, **interest @ 10% per annum** on the amount of the rent in arrear from the date of default till the date of payment and the arrear with interest payable thereon shall be realizable as a Public Demand under the Bengal Public Demand Recovery Act or any Statutory modification thereof for the time being in force;
5. That the demised land shall be utilized for the purpose of manufacture of **Graphite products and by-products thereof and Carbon Products and by-products thereof**.
6. That where the lessee has not utilized the demised land within the period as stipulated in the Lease Deed, the Lessor shall be entitled to ask the lessee to meet up such terms and conditions, as may appear to be fit and suitable to the Lessor.
7. The lessee/s shall not sublet the demised land or any part thereof or assign its leasehold interest or part with the possession of the same without the consent in writing first had and obtained from the Government.
8. It is recorded that the lessee has agreed to obtain lease of the land described in the schedule herein on the terms and conditions mentioned in this presents on as is where is basis and the lessee shall pay and bear all proportionate costs, expenses and charges for infrastructural development of the demised leasehold land namely, for the purpose of constructing roads, pathways drainage system, sewerage and industrial effluent system and for providing electricity connection, telecommunication facilities and such other facilities as may be necessary to provide proper infrastructural system in respect of the said demised leasehold land as may be decided by the Government and the lessee shall pay such proportionate costs for infrastructural development within one month from the date on which the Government shall call upon the lessee to do so. Provided that the Government may call upon the lessee to pay for the proportionate infrastructural costs in part or parts or in whole as may be found suitable and necessary.
9. That without prior written permission of the Lessor, the term Lease shall not be used for any purpose as set out in this Indenture of Lease and in the event of granting any consent, the Lessor shall be entitled to impose such terms and conditions, including any demand for payment of fees, as may be deemed fit by the Lessor.
10. In the event of the Lessee/s holding over after the expiration of the period of this demise, the lessee shall be bound to pay for any year subsequent to the expiry of the period of this demise rent at such rate as may be assessed upon the demised land by the Lessor.
11. Should the lessee/s duly and faithfully observe and fulfill the terms and conditions and covenants on the part of the Lessee herein contained, the Lessee shall, on the expiration of the aforesaid **residual period of 30 years**, have the right to obtain a **renewal** on the

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terms and conditions as per Govt. rules and norms, prevalent at the time of renewal for a long term lease for such period, as may be deemed fit by the lessor.

12. The Lessee/s shall have the right to **mortgage or create charge** in respect of its/their leasehold interest subject to the terms and condition of this lease in favour of LIC, Nationalized Banks or any competent Financial Organization other Government Organizations. Provided, however, before creation of any mortgage or charge in respect of the leasehold interest in favour of any party the prior consent of the Government in writing shall have to be obtained by the Lessee and the Government shall be entitled to impose such terms or terms and/or conditions and/or charging transfer fees as it may seem necessary before according consent to the lessee for creating any mortgage or charge. Provided further the lessee shall not be entitled to assign, alienate or transfer in any form or nomenclature whatsoever it's/their leasehold interest and the buildings and/or other erections or structures either in whole or in part or parts thereof without the prior consent of the Government in writing and in the event, the Government accords permission to the lessee to effect any transfer either in whole or in part or parts, the Government accords permission to the lessee to effect any transfer either in whole or in part or parts, the Government shall be entitled to **impose** such term or terms and/or condition or conditions and/or charging transfer fees for granting permission to the lessee for effecting transfer and/or assignment the Transfer and/or Assignee or Assignees concerned shall duly get his/its or their name or names registered with the Government within three calendar months after obtaining possession of the leasehold premises and will possess and use the land subject to the terms and conditions herein and be bound by all terms covenants and conditions herein contained on the part of the lessee/s to be observed, fulfilled and performed.
13. That the lessee shall be solely responsible to get statutory permission for the purpose of carrying out Industry/ Factory over the demised land and the Lessor shall not be involved in any manner whatsoever.
14. After execution of this deed of lease granted in favour of a registered company/ society/ partnership firm (registered/unregistered), any change of share holdings or cutgoings of the existing pattern on any account whatsoever will be treated as transfer/ proportionate transfer and the charges will be payable either fully or on prorata basis of the leasehold right and all the terms and conditions of transfer will be applicable to the said company/ society/ firm and the LESSEE is liable to pay the transfer charges and such other charges as per the decision of the Lessor. PROVIDED FURTHER if there is a transfer of more than **50% share holding of the lessee after allotment that will be treated as full transfer** of leasehold right and the LESSEE will be liable to pay the charges for transfer fee as per prevalent norms of the Lessor.
Provided also that the lessee in tune with the aforesaid shall always be duty bound to pay charges to the Lessor in accordance with the prevailing rules and such decision of the lessor shall be final and binding upon the lessee.
15. The lessee/s shall not in any way diminish the value of or injure or make any permanent alterations in the said demised land which may impair the value of the land in any way without the previous written consent of the Government or any Officer authorized in that



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behalf of the Government and shall not all or dispose of any earth, clay, gravel, sand or stone from the demise land nor excavate the same except so far as may be necessary for the execution of the works as stated in clause 16 of those presents. The lessee shall however have the right to remove any surplus earth, sand stones or gravel from the demised premises during or after the construction or erection of any buildings or structure on the demised land. In the event of lessee/lessees making any ditch or excavation which causes injury to the property with the consent of the Government it shall be filled in after due notice to the lessee/ lessees by the Government or any Officer authorized in that behalf who shall recover from the lessee/ lessees the expenses thereof as arrears of rent under the provisions of Public Demands Recovery Act.

16. The lessee/s shall keep, the land free from jungle and all sorts of nuisance, and where the land is used for industrial purposes, the lessee/s shall ensure that:

- a) No trade effluent or other waste material which is alkaline or obnoxious or will cause toxic reactions or be otherwise injurious to public health, is discharged into any adjoining land, drain, sewer, stream or river, no smoke or fumes is released into open air without adequate treatment, according to such standards as may be prescribed by the Government or other competent authority in this regard.
- b) Upon failure of the lessee/s to do so the Government, after notice to the lessee, may cause such nuisance to be removed or otherwise dealt with as the Lessor may think fit and proper to do in the interest of public health and safety and all expenses incurred by the Government in that regard shall be recoverable from the lessee/lessees.
- c) The lessee shall have to obtain a no objection certificate and/or an appropriate certificate from the West Bengal Pollution Control Board or the appropriate authority under the law in respect of the industry to be set up by the lessee in the leasehold land and shall furnish duly six weeks from the date of execution of this presents. Provided further that the lessee shall also have to obtain appropriate certificate from the West Bengal Pollution Control Board and such other appropriate authority as may be required under the law regarding operation and functioning of the industry in the leasehold land and shall furnish a duly certified copy of such certificate to the Lessor/ Government/ appropriate authority as and when required by the Government.

17. The lessee/s shall pay and discharge all existing and future rates, taxes and assessment, duties, impositions, outgoing and burdens whatsoever assessed, charged or imposed upon the demised premises or upon the owner or occupier thereof in respect thereof or payable by either in respect thereof. If there is no Municipal law in force the lessee/s shall pay such local taxes and charges for the purpose of conservancy, lighting. Water supply, road maintenance, drainage arrangements and the like as shall be fixed from time to time by the Government.

18. The lessee/s shall preserve intact the boundaries of the holding and will keep them well demarcated according to the requisition from time to time as may be made by the Government or any Officer authorized in that behalf and shall point them out when required by the Government or any Officer authorized in that behalf. The Government or any its Officers authorized by the Government on that behalf of shall be allowed to



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inspect the demised premises at any time during the day time upon notice be in given, should any boundary marked be missing the lessee/s shall report the fact to the Secretary, Urban Development (T&CP) Department or any Officer authorized in that behalf.

19. The lessee/s shall not be entitled to convert or allow to be used the demised land or any part thereof into a place of religious worship or use or allow the demised premises or any part thereof to be used as place for cremation or burial or for any religious purposes.
20. The lessee/s shall not sublet the demised land or any part thereof or assign its leasehold interests or part with the possession of the same without the consent in writing first had and obtained from the Government.
21. The lessee/s shall not use nor permit any other person to use the demised land or any part thereof for a purpose other than that for which it is leased or in a manner which renders as unfit for used for the purposes of the tenancy.
22. The lessee/s shall not use nor permit any other person to use the demised land or any part thereof for any immoral or illegal purposes or in any manner so as to become a source of grave danger to the public peace or public safety or allow any activities therein subversive of the Government established by the law in India.
23. If the demised land or any part thereof shall, at any time, be required by the Government for a public purpose the lessee/s shall vacated and deliver possession of the said demised land and building on demand and the lessee will be entitled to get compensation that may be assessed to be payable to the lessee/s by the appropriate authority. If the land is required permanently the lease shall forthwith be determined and the lessee/s shall be entitled to such fair and reasonable compensation for buildings and improvements effected by the lessee/s as shall be decided by the Government or any Officer authorized in that behalf. If a part of the land is required, whether permanently or temporarily or if the whole land is required temporarily the lease shall not be determined, but in the former case the lessee/s shall be entitled to proportionate reduction of rent and in the later case to a total remission of rent, and so such compensation in either case as shall be decided by the said Government of West Bengal which shall be final.
24. The Lessor reserve the right to all minerals in the lands together with such rights of way any other reasonable facilities as may be requisite for working, mixing, gathering and carrying away such minerals without any charges to the LESSEE whatsoever.
25. The lessee/s shall before building any puca house structure privy or latrine or making any additions thereto or alterations therein, to the plan thereof approved by the Officer authorized in the behalf by the Government.
26. The lessee/s shall permit the Government or its Officers authorized in that behalf on 24 hours notice at all reasonable time during the erection of the buildings and subsequent thereto to enter upon the demised premises to view the condition of the building for the time being erected or in course of erection thereon and for all other reasonable purpose.



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27. The allotted land cannot be sub-divided by the lessee or their heir without prior consent of the Lessor.
28. (a) Should the said land at any time thereafter cease for a period of six consecutive months to be held and used or ceased to be required for the purpose or purposes provided for in the foregoing clauses then and in any such case, the Government may forthwith re-enter upon and take possession of the said demised land together with all buildings thereon, whether such buildings were erected before or after the demise of the land to the lessee/s and there upon the lessee/s shall have no further right title or interest in the said land and building and its demise shall absolutely cease and determine.
(b) In the event, the lessee fails or does not use or keeps the leasehold land vacant unutilized either in whole or in part continuously for a period of six consecutive months the Government may forthwith resume possession of the leasehold land or such portion thereof which would be remain unutilized and re-enter upon the same and take possession thereof without recourse to eviction and without prejudice to its rights for taking such other step or steps for the same as would be permissible under this presents and under the law.
(c) In case of determination of lease by surrender/ resumption/ cancellation of allotment, the premium of the property is to be refunded to the lessee provided that the property is surrendered/ resumed in the same condition in which it was leased out. However the Lessor has right to deduct an amount of 4% (four per cent) of full land premium as administrative cost for such surrender or resumption. Apart from that an interest @ 6% (six per cent) will be charged of the unpaid amount of land premium, calculated from the date of allotment of the date of surrender/ resumption.
29. On taking such possession the Government may sell or otherwise deal with the said land and buildings as it may think proper.
30. Should the Government sell the land with the buildings the Lessor after deducting the expenses incurred in connection with the said taking of possession and such sale shall pay the proceeds to the lessee after deducting there from the value of the lease hold land and all sums as may remain due and owing to the Government.
31. Should the Government decide not to sell the land buildings, the Lessor shall retain the said land and buildings, thereon in which case the Government shall, pay to the lessee/s the market value as on the day of re-entry of all the buildings only erected by the lessee and may its on sufficient grounds refund the premium or salami.
32. Should the Government decide to sell the buildings only upon such sale the Government shall, after deduction the expenses of taking possession and selling, pay the balance to the proceeds of sale of the said buildings after deducting any other sums as may be due to the Government and may on sufficient grounds refund the premium or salami paid by the lessee/s.



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33. Should the lessee go into liquidation either voluntarily or compulsorily, the lease will be determined and the Lessor may re-enter or resume the demise land and that if the assets of the lessee company are sold by auction or otherwise by the competent court of law in the wake of liquidation, the prospective purchaser will have to enter into fresh agreement with the Lessor or fresh terms and conditions, including charging Transfer Fee or any other fees/ charges, as per decision of the Lessor.

33 (i) That any change in the management including shareholding pattern of the Company having occupation over the leasehold interest of the demised lands for any reason whatsoever shall subject to confirmation of the Lessor in writing and the Lessee shall be under an obligation to deposit fees/ charges, in accordance with the decision to be taken in this regard by the Lessor for confirming the Leasehold interest of the demised land.

34. On breach of non-observance of any of the foregoing covenants, terms and conditions contained hereinbefore on the part of the lessee or the lessee(s) being adjudged insolvent or making any composition with its/ their creditors or lessee company being wound up or an order for winding up the lessee company being made, the Government shall have the right to determine this lease and the lessee(s) shall be liable to ejectment in accordance with the provisions of law for the time being in force but without prejudice to any other right or remedy of the Government that might have accrued, and the Lessor may re-enter or resume the land without any intimation.

35. The lessee hereby enlisted the following permissions issued by the competent authorities:

- (i) Fire Permission.
- (ii) Trade License.
- (iii) Pollution.
- (iv) Any other statutory permission as required for the time being.

It is hereby made clear that the lessor is in no way involved in granting or facilitating any kind of statutory permissions being required for operation of Industries by the lessee.



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IN WITNESS WHEREOF the parties to those presents' have hereunto set and subscribed their respective hands the day, month & year first above written:

SIGNED SEALED AND DELIVERED FOR:

Special Officer,
Urban Development & Municipal Affairs Deptt.,
Government of West Bengal
on behalf of GOVERNOR OF THE STATE OF WEST BENGAL:

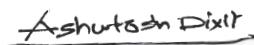



Special Officer
Urban Development & Municipal Affairs Deptt.
Government of West Bengal

In the presence of :


Asstt. Executive Officer
Asansol Durgapur Dev. Authority

SIGNED, SEALED AND DELIVERED BY
(SECOND PARTY)


Ashutosh Dixit
GRAPHITE INDIA LIMITED
DURGAPUR-713211
Dist.-BURDWAN (W.B.)

In the presence of :


Dealing Assistant
Asansol Durgapur Dev. Authority

Prepared by: Drafted as per approved draft of Govt. of West Bengal in its Urban Development Department.



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ANNEXURE-A

Plot Schedule of the Industrial land measuring an area 50.45 acre (more or less) at Sagarbhanga, Durgapur leased out in favour of Graphite India Limited.

Plot No.: I-SA/01, ADSR Office: City Centre, Durgapur-16.

Location	Details of Plot Schedule						
	R.S. Plot Nos.						
Mouza:	1191(P)	1236(P)	6142(F)	6216(F)	6236(F)	6267(F)	6287(F)
Gopinathpur.	1192(P)	1237(F)	6143(F)	6217(F)	6237(F)	6268(F)	6288(F)
J.L. No.: 85	1193(P)	1238(P)	6144(F)	6218(P)	6238(F)	6269(F)	6289(F)
L.R. Khatian No.:	1207(P)	1241(P)	6145(F)	6219(F)	6239(F)	6270(F)	6290(F)
5676	1210(P)	1243(P)	6146(F)	6220(F)	6240(F)	6271(F)	6233/6339(F)
Pargana:	1209(P)	1229/2484(F)	6147(F)	6221(F)	6241(F)	6272(F)	6215/9533(F)
Silampur	1211(F)	1246(P)	6148(F)	6222(F)	6242(P)	6273(F)	
P.S.: Cock-oven.	1212(F)	1247(P)	6149(F)	6223(F)	6243(P)	6274(F)	
Dist.: Paschim	1213(P)	1250(P)	6150(F)	6224(F)	6252(P)	6275(F)	
Bardhaman.	1214(P)	6129(P)	6151(F)	6225(F)	6253(P)	6276(F)	
	1215(P)	6131(P)	6152(F)	6226(F)	6254(P)	6277(F)	
	1216(P)	6132(P)	6153(P)	6227(F)	6255(F)	6278(P)	
	1217(P)	6133(F)	6154(P)	6228(F)	6256(F)	6279(F)	
	1229(F)	6134(P)	6155(P)	6229(F)	6257(F)	6280(F)	
	1230(F)	6135(F)	6156(P)	6230(F)	6260(F)	6281(F)	
	1231(F)	6136(F)	6181(P)	6231(F)	6261(F)	6282(F)	
	1232(F)	6137(F)	6182(P)	6232(F)	6263(F)	6283(F)	
	1233(F)	6138(F)	6213(P)	6233(F)	6264(F)	6284(F)	
	1234(F)	6139(F)	6214(F)	6234(F)	6265(F)	6285(F)	
	1235(F)	6140(F)	6215(F)	6235(F)	6266(F)	6286(F)	
Mouza: Nadiha	1937(P)	1959(F)	1981(F)	1991(F)	2001(F)	2015(F)	2029(F)
J.L. No.: 92	1941(P)	1971(P)	1982(F)	1992(F)	2002(F)	2016(F)	2030(P)
L.R. Khatian No.:	1942(P)	1973(P)	1983(F)	1993(F)	2003(P)	2019(F)	2031(P)
NIL	1945(P)	1974(P)	1984(F)	1994(F)	2004(P)	2020(F)	
Pargana: Sergarh	1946(P)	1975(F)	1985(F)	1995(F)	2009(P)	2021(F)	
P.S.: Cock-oven.	1947(P)	1976(F)	1986(F)	1996(F)	2010(P)	2022(F)	
Dist.: Paschim	1954(P)	1977(F)	1987(P)	1997(F)	2011(P)	2023(F)	
Bardhaman.	1955(F)	1978(F)	1988(P)	1998(P)	2012(P)	2025(F)	
	1956(F)	1979(F)	1989(P)	1999(F)	2013(F)	2026(F)	
	1958(P)	1980(F)	1990(F)	2000(F)	2014(F)	2027(F)	

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ASANSOL DURGAPUR DEVELOPMENT AUTHORITY
CITY CENTRE, DURGAPUR



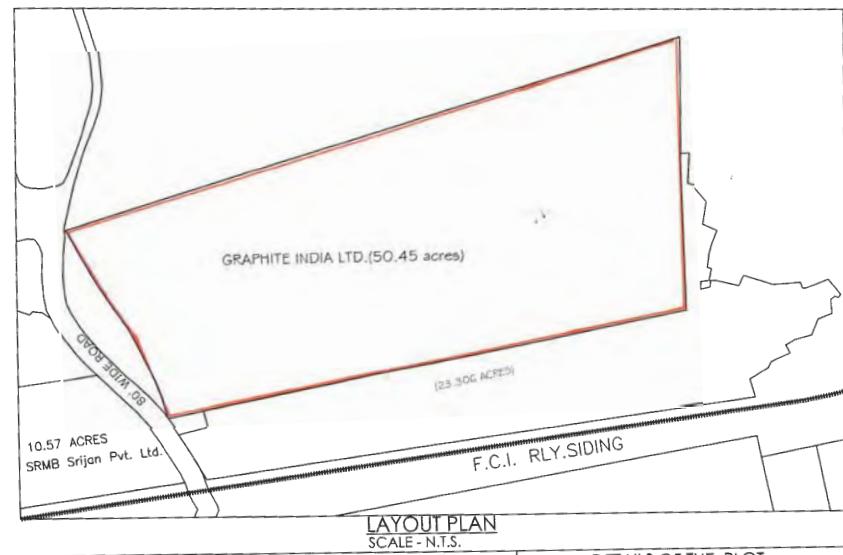
PLAN SHOWING THE INDUSTRIAL PLOT OF LAND AT SAGARBHANGA,
DURGAPUR IS LEASED OUT IN FAVOUR OF GRAPHITE INDIA LIMITED AND
SUBSEQUENTLY RENEWED, REPRESENTED BY ITS EXECUTIVE DIRECTOR
ASHUTOSH DIXIT S/O MANILAL DIXIT.

MEASURING AN AREA MORE OR LESS 50.45 ACRES BOUNDED BY RED COLOUR.



DETAILS OF PLOT SCHEDULE

LOCATION	R.S. PLOT NO.
MOUZA- GOPINATHPUR, J.L. NO.- 85, LR. KHATIAN - 5676 PARGANA- SILAMPUR, P.S.- COKE-OVEN, DIST.-PASCHIM BARDHAMAN	1191(P), 1192(P), 1193(P), 1207(P), 1210(P), 1209(P), 1211(F), 1212(F), 1213(P), 1214(P), 1215(P), 1216(P), 1217(P), 1229(F), 1230(F), 1231(F), 1232(F), 1233(F), 1234(F), 1235(F), 1236(P), 1237(F), 1238(P), 1241(P), 1243(P), ¹²²⁹ ₂₄₈₄ (F), 1246(P), 1247(P), 1250(P), 6129(P), 6131(P), 6132(P), 6133(F), 6134(P), 6135(F), 6136(F), 6137(F), 6138(F), 6139(F), 6140(F), 6142(F), 6143(F), 6144(F), 6145(F), 6146(F), 6147(F), 6148(F), 6149(F), 6150(F), 6151(F), 6152(F), 6153(P), 6154(P), 6155(P), 6156(P), 6181(P), 6182(P), 6213(P), 6214(F), 6215(F), 6216(F), 6217(F), 6218(P), 6219(F), 6220(F), 6221(F), 6222(F), 6223(F), 6224(F), 6225(F), 6226(F), 6227(F), 6228(F), 6229(F), 6230(F), 6231(F), 6232(F), 6233(F), 6234(F), 6235(F), 6236(F), 6237(F), 6238(F), 6239(F), 6240(F), 6241(F), 6242(P), 6243(P), 6252(P), 6253(P), 6254(P), 6255(F), 6256(F), 6257(F), 6260(F), 6261(F), 6263(F), 6264(F), 6265(F), 6266(F), 6267(F), 6268(F), 6269(F), 6270(F), 6271(F), 6272(F), 6273(F), 6274(F), 6275(F), 6276(F), 6277(F), 6278(P), 6279(F), 6280(F), 6281(F), 6282(F), 6283(F), 6284(F), 6285(F), 6286(F), 6287(F), 6288(F), 6289(F), 6290(F), ⁶²³³ ₆₂₁₅ (F), 6339(F), 6331(F)
MOUZA- NADIHA, J.L. NO.- 92, LR. KHATIAN - NIL PARGANA- SERGARH, P.S.- COKE-OVEN, DIST.-PASCHIM BARDHAMAN	1937(P), 1941(P), 1942(P), 1945(P), 1946(P), 1947(P), 1954(P), 1955(F), 1956(F), 1958(P), 1959(F), 1971(P), 1973(P), 1974(P), 1975(F), 1976(F), 1977(F), 1978(F), 1979(F), 1980(F), 1981(F), 1982(F), 1983(F), 1984(F), 1985(F), 1986(F), 1987(F), 1988(F), 1989(F), 1990(F), 1991(F), 1992(F), 1993(F), 1995(F), 1994(F), 1996(F), 1997(F), 1998(F), 1999(F), 2000(F), 2001(F), 2002(F), 2003(P), 2004(P), 2009(P), 2010(P), 2011(P), 2012(P), 2013(F), 2014(F), 2015(F), 2016(F), 2019(F), 2020(F), 2021(F), 2022(F), 2023(F), 2025(F), 2026(F), 2027(F), 2029(F), 2030(P), 2031(P),



BOUNDARY OF THE PLOT		DETAILS OF THE PLOT		
ON THE NORTH	SAGARBHANGA VILLAGE	AREA	LAYOUT PLOT NO.	ADSR OFFICE
ON THE SOUTH	INDUSTRIAL PLOT OF ADDA			
ON THE EAST	INDUSTRIAL PLOT OF ADDA & SAGARBHANGA VILLAGE	50.45 ACRES MORE OR LESS	1 - SA/01	CITY CENTRE, DURGAPUR-16.
ON THE WEST	80 FT WIDE ROAD			

<p><i>J. Chakraborty</i> Draughtsman Asansol Durgapur Dev. Authority</p> <p>DRAWN BY</p>	<p><i>Ashutosh Dixit</i></p> <p>GRAPHITE INDIA LIMITED DURGAPUR-713211 Dist.-BURDWAN I.W.B.</p> <p>SIGNATURE OF LESSEE</p>	<p><i>Special Officer</i> Urban Development & Municipal Affairs Deptt. Government of West Bengal SPECIAL OFFICER URBAN DEVELOPMENT & MUNICIPAL AFFAIRS DEPTT. GOVT. OF WEST BENGAL</p>
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Addl. Dist. Sub-Registrar
Durgapur, Paschim Bardhaman

13 JUN 2025



ASANSOL DURGAPUR DEVELOPMENT AUTHORITY

A Statutory Authority of the Government of West Bengal
(Under Urban Development & Municipal Affairs Department)

1st Administrative Building,
City Centre,
Durgapur - 713216

Vivekananda Sarani, Senreigh Road,
Near Kalyanpur Housing More,
Asansol -713305

Memo No. ADDA/DGP/E-875978/SAL-2/86/L-826

Date : 02/06/2025

From:- The Special Officer
Urban Development & Municipal Affairs Department,
Government of West Bengal
&
Chief Executive Officer,
Asansol Durgapur Development Authority,
City Centre, Durgapur-16.

To:- Addl. District Sub-Registrar, Durgapur,
City Centre, Durgapur-713216.

Sub: Registration of the documents executed among the Special Officer, UD&MA Deptt., Govt. of West Bengal (ONE PART/ FIRST PARTY;) and M/S. GRAPHITE INDIA LIMITED (SECOND PART).

Enclosed please find herewith a deed of lease / ~~tripartite~~ / **bipartite** / ~~rectification~~ / declaration / license / ~~development agreement~~ in duplicate executed among the Special Officer, UD&MA Deptt., Govt. of West Bengal (ONE PART/ FIRST PARTY), and M/S. GRAPHITE INDIA LIMITED (SECOND PART).

Kindly note that the duplicate copy is needed by the Govt. for record as per Memo No. 527-T&CP/IP-19/80 dated 31.01.1981, of the Development & Planning (T&CP) Department, Government of West Bengal and the undersigned is exempted in paying stamp duty for registration of the present in terms of the 2nd proviso to section 3 of the Indian Stamp Act, 1899 and Exemption as contained in Clause (1) of the Table of Registration Fees read with Finance (Taxation) Deptt. U.O. No. II dated 03.03.1980 endorsed by Inspector General of Registration, W.B. and Judicial Deptt. vide their U.O. No. 6 dt. 15.01.1981. It may kindly be further noted that the undersigned is exempted from personal appearance at the time of registration of the documents as per provisions of the Indian Registration Act, 1908.

However, it is hereby made clear that by considering the Memo of consideration signed by the respective M/S. GRAPHITE INDIA LIMITED (SECOND PARTY)/ Market Value, as applicable / as per extant norms of the Government of West Bengal Prevailing in the office of the concerned registering authority, the requisite stamp duty and registration fees for getting the instrument registered in his/ her /their favour may kindly be assessed.

Enclo: As stated


Special Officer
Urban Development & Municipal Affairs Department
Government of West Bengal
&
Chief Executive Officer
Asansol Durgapur Development Authority
City Centre, Durgapur-16

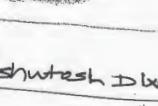
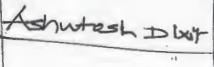




Addl. Dist. Sub-Registrar
Durgapur, Paschim Bardhaman

13 JUN 2025

All the fingerprints & passport size colour photographs of the executive concerned are hereby attested accordingly, individually.

PHOTOGRAPH	ADDA, DURGAPUR	LESSEE/LICENSEE	JOINT LESSEE/LICENSEE (IF ANY)
			
LTI			
LIFI			
LMFI			
LRFI			
LLFI			
LI			
RIFI			
RMFI			
RRFI			
RLFI			
SIGNATURE			



Addl. Dist. Sub-Registrar
Durgapur, Paschim Bardhaman

13 JUN 2020

DETAILS OF IDENTIFIER WITH PHOTO

(শনাক্তকারীর সচিত্র বিবরণ)

1. Name of Identifier (শনাক্তকারীর নাম): Rajib Mitra
2. Father/Husband Name (পিতা/স্বামীর নাম): Rabindra Nath Mitra
3. Occupation (পেশা): Service
4. Permanent Address (স্থায়ী ঠিকানা)

Village/Town (গ্রাম): Arrah Kalinagar

Post Office (পোস্ট অফিস): Arrah

Police Station (পুলিশ): Raksha

PIN: 723110

District (জেল): Ranchi

Bihar State (রাজ্য): West Bengal
5. Relationship with Seller (দলিলের বিক্রেতা / দাতা গনকে শনাক্ত করিলাম)
6. Aadhar No. OR
- Pan OR
- Epic No.

আমি (শনাক্তকারী) অর্দলিলের (Query No/Year)
বিক্রেতা / দাতা গনকে শনাক্ত করিলাম।

I, as Identifier am identifying
the executants of the concerned deed (Query No / Year)

ছবি সহ দশ আঙুলের টিপ ছাপ

Left Hand বাম হাত						
	Thumb বৃদ্ধাপুন	1st Finger ত্বরী	Middle মধ্যমা	Ring অনামিকা	Small Finger কমিটা	
Right Hand ডান হাত						

Date :

Rajib Mitra
Identifier Signature
(শনাক্তকারীর স্বাক্ষর)



13 JUN 2025
Addl. Dist. Sub-Registrar
Durgapur, Paschim Bardhaman

13 JUN 2025



Govt. of West Bengal
Directorate of Registration & Stamp
Revenue
GRIPS eChallan



GRN Details

GRN:	192025260105667838	Payment Mode:	SBI Epay
GRN Date:	12/06/2025 09:40:50	Bank/Gateway:	SBIEPay Payment Gateway
BRN :	2691795264233	BRN Date:	12/06/2025 09:44:57
Gateway Ref ID:	167145041	Method:	State Bank of India WIBMO PG CC
GRIPS Payment ID:	120620252010566782	Payment Init. Date:	12/06/2025 09:40:50
Payment Status:	Successful	Payment Ref. No:	3001603279/6/2025

[Query No/*/Query Year]

Depositor Details

Depositor's Name:	Mr ASHUTOSH DIXIT
Address:	SAGARBHANGA COLONY
Mobile:	9933986379
EMail:	ayoan.banerjee@graphiteindia.com
Period From (dd/mm/yyyy):	12/06/2025
Period To (dd/mm/yyyy):	12/06/2025
Payment Ref ID:	3001603279/6/2025
Dept Ref ID/DRN:	3001603279/6/2025

Payment Details

Sl. No.	Payment Ref No	Head of A/C Description	Head of A/C	Amount (₹)
1	3001603279/6/2025	Property Registration- Registration Fees	0030-03-104-001-16	389
			Total	389

IN WORDS: THREE HUNDRED EIGHTY NINE ONLY.



Addl. Dist. Sub-Registrar
Durgapur, Paschim Bardhaman

13 JUN 2025

Major Information of the Deed

Deed No :	I-2306-05969/2025	Date of Registration	13/06/2025
Query No / Year	2306-3001603279/2025	Office where deed is registered	
Query Date	10/06/2025 5:00:42 PM	A.D.S.R. DURGAPUR, District: Paschim Bardhaman	
Applicant Name, Address & Other Details	Ashutosh Dixit BL T-13/3/12 Near Ruby Hospital E K T E K T, Thana : Karaya, District : Kolkata, WEST BENGAL, PIN - 700107, Mobile No. : 9304368137, Status :Buyer/Claimant		
Transaction	Additional Transaction [0407] Lease, Lease by Govt./Govt. Authority/Govt. Undertaking [4308] Other than Immovable Property, Agreement [No of Agreement : 1]		
Set Forth value	Market Value Rs. 141,89,06,250/-		
Stampduty Paid(SD)	Registration Fee Paid Rs. 3,452/- (Article:35)		
Remarks	Lease Period 30 Years s Average annual Rent Rs 19,125/- Received Rs. 50/- (FIFTY only) from the applicant for issuing the assement slip.(Urban area)		

Land Details :

District: Paschim Bardhaman, P.S:- Faridpur, Municipality: Asansol Durgapur Development Authority, Road: ADDA Industrial Zone Road, Mouza Industrial Land S.I.Area, JI No: 0, Pin Code : 713201

Sch No	Plot Number	Khatian Number	Land Proposed ROR	Area of Land	SetForth Value (In Rs.)	Market Value (In Rs.)	Other Details
L1	RS-1	RS-5676	Existing Industry/Karkhana	Land for Industrial use	50.45 Acre	141,89,06,250/-	Width of Approach Road: 80 Ft, Adjacent to Metal Road,
	Grand Total :			5045Dec	0/-	14189,06,250/-	

Lessor Details :

Sl No	Name,Address,Photo,Finger print and Signature
1	Urban Dev T And C P Deptt A D D A. City Centre, City:- Durgapur, P.O:- City Centre, P.S:-Durgapur, District:-Paschim Bardhaman, West Bengal, India, PIN:- 713216 , State Government Office,Aadhaar No Not Provided by UIDAI, Status :Organization, Executed by: Representative, Executed by: Representative

Lessee Details :

Sl No	Name,Address,Photo,Finger print and Signature
1	Graphite India Limited 31 Chowinghee Road, City:- Kolkata, P.O:- Kolkata, P.S:-Karaya, District:-Kolkata, West Bengal, India, PIN:- 700016 Date of Incorporation:XX-XX-1XX4 , PAN No.: aaxxxxxx7c,Aadhaar No Not Provided by UIDAI, Status :Organization, Executed by: Representative

Representative Details :

Sl No	Name,Address,Photo,Finger print and Signature			
1	Name	Photo	Finger Print	Signature
1	Mr Ashutosh Dixit (Presentant) Son of Mr Mani Lal Dixit Date of Execution - 13/06/2025, Admitted by: Self, Date of Admission: 13/06/2025, Place of Admission of Execution: Office	 Jun 13 2025 1:06PM	 Captured	 13/06/2025
31, Chowringhee Road, Kolkata, City:- Kolkata, P.O:- Kolkata, P.S:-Karaya, District:-Kolkata, West Bengal, India, PIN:- 700016, Sex: Male, By Caste: Hindu, Occupation: Others, Citizen of: India, Date of Birth:XX-XX-1XX0 , PAN No.: ACxxxxxx5L, Aadhaar No: 20xxxxxxxx2342 Status : Representative, Representative of : Graphite India Limited (as DIRECTOR)				
2	Mr Raju Mishra Son of Mr Punya Nand Mishra A D D A, City Centre, City:- Durgapur, P.O:- City Centre, P.S:-Durgapur, District:-Paschim Bardhaman, West Bengal, India, PIN: 713216, Sex: Male, By Caste: Hindu, Occupation: Government Service, Citizen of: India, , State Government Office,Aadhaar No Not Provided by UIDAI Status : Representative, Representative of : Urban Dev T And C P Deptt (as SPECIAL OFFICER)	 13/06/2025	 Captured	 13/06/2025

Identifier Details :

Name	Photo	Finger Print	Signature
Mr Rajib Mitra Son of Mr Rabindra Nath Mitra A D D A, City Centre, City:- Durgapur, P.O:- City Centre, P.S:-Durgapur, District:-Paschim Bardhaman, West Bengal, India, PIN:- 713216	 13/06/2025	 Captured	 13/06/2025
Identifier Of Mr Ashutosh Dixit			

Endorsement For Deed Number : I - 230605969 / 2025

On 13-06-2025

Certificate of Admissibility(Rule 43,W.B. Registration Rules 1962)

Admissible under rule 21 of West Bengal Registration Rule, 1962 duly stamped under schedule 1A, Article number : 35 of Indian Stamp Act 1899.

Presentation(Under Section 52 & Rule 22A(3) 46(1),W.B. Registration Rules,1962)

Presented for registration at 12:47 hrs on 13-06-2025, at the Office of the A.D.S.R. DURGAPUR by Mr Ashutosh Dixit

Admission/ Execution (for exempted person)

Execution by Mr Raju Mishra, , SPECIAL OFFICER, Urban Dev T And C P Depit, A D D A, City Centre, City:- Durgapur, P.O:- City Centre, P.S:-Durgapur, District:-Paschim Bardhaman, West Bengal, India, PIN:- 713216 who is exempted FROM his personal appearance in this office under section 88 of Registration Act XVI of 1908, is proved by his seal AND signature.

Admission/ Execution (Under Section 58, W.B. Registration Rules, 1962) [Representative]

Execution is admitted on 13-06-2025 by Mr Ashutosh Dixit, DIRECTOR, Graphite India Limited, 31 Chowringhee Road, City:- Kolkata, P.O:- Kolkata, P.S:-Karaya, District:-Kolkata, West Bengal, India, PIN:- 700016

Identified by Mr Rajib Mitra, , Son of Mr Rabindra Nath Mitra, A D D A, City Centre, P.O: City Centre, Thana: Durgapur, , City/Town: DURGAPUR, Paschim Bardhaman, WEST BENGAL, India, PIN - 713216, by caste Hindu, by profession Service

Payment of Fees

Certified that required Registration Fees payable for this document is Rs 389.00/- (A(1) = Rs 382.00/- ,E = Rs 7.00/-) and Registration Fees paid by Cash Rs 0.00/-, by online = Rs 389/-

Description of Online Payment using Government Receipt Portal System (GRIPS), Finance Department, Govt. of WB Online on 12/06/2025 9:44AM with Govt. Ref. No: 192025260105667838 on 12-06-2025, Amount Rs: 389/-, Bank: SBI EPay (SBEPay), Ref. No. 2691795264233 on 12-06-2025, Head of Account 0030-03-104-001-16

Online on 13/06/2025 1:34PM with Govt. Ref. No: 192025260108367428 on 13-06-2025, Amount Rs: 0/-, Bank: SBI EPay (SBEPay), Ref. No. 0046507590827 on 13-06-2025, Head of Account

Payment of Stamp Duty

Certified that required Stamp Duty payable for this document is Rs. 3,452/- and Stamp Duty paid by Stamp Rs 1,000.00/-, by online = Rs 2,452/-

Description of Stamp

1. Stamp: Type: Impressed, Serial no 7900, Amount: Rs.1,000.00/-, Date of Purchase: 23/05/2025, Vendor name: KHUDIRAM MONDAL

Description of Online Payment using Government Receipt Portal System (GRIPS), Finance Department, Govt. of WB Online on 12/06/2025 9:44AM with Govt. Ref. No: 192025260105667838 on 12-06-2025, Amount Rs: 0/-, Bank: SBI EPay (SBEPay), Ref. No. 2691795264233 on 12-06-2025, Head of Account

Online on 13/06/2025 1:34PM with Govt. Ref. No: 192025260108367428 on 13-06-2025, Amount Rs: 2,452/-, Bank: SBI EPay (SBEPay), Ref. No. 0046507590827 on 13-06-2025, Head of Account 0030-02-103-003-02

Santanu Pal

Santanu Pal
ADDITIONAL DISTRICT SUB-REGISTRAR
OFFICE OF THE A.D.S.R. DURGAPUR
Paschim Bardhaman, West Bengal

Certificate of Registration under section 60 and Rule 69.

Registered in Book - I

Volume number 2306-2025, Page from 113792 to 113812
being No 230605969 for the year 2025.



(Santanu Pal)

Digitally signed by SANTANU PAL
Date: 2025.06.13 19:02:22 +05:30
Reason: Digital Signing of Deed.

(Santanu Pal) 13/06/2025

ADDITIONAL DISTRICT SUB-REGISTRAR

OFFICE OF THE A.D.S.R. DURGAPUR

West Bengal.

3A Do

8865

I - 4418

Sec. 32 Case No. 401 of 1967-68.

Certified that the full stamp duty chargeable on this instrument under the Indian Stamp Act amounting to Rs. 18,850.25 P and surcharge of Rs. 2769.75 P only has been paid and certified to Govt. under challan No. 133 dated 22-6-67.

Calcutta Collectorate

The 22.6.1967.

Sd/- Illegible.
Collector of Stamp Revenue.
22/6/67.

CALCUTTA COLLECTORATE

No. 401
of 1967-68
ADJUDICATION
FEE 5/- PAID
Under Section 31 Act.
L1 of 1899.
Rs. Five only.
STAMP DEPARTMENT.

Admissible under Rule 21 duly stamped under the Indian Stamp Act 1899 also as Amendment by West Bengal Stamp Amendment Act, 1962 & 64 Schedule IA No. 35a, vi & 5c.

Fee paid as under

A 3691-50
S 4-
I 30-
Ma 20-
Mb 2-
N 4-50
3752-00

LEASE granted by the Governor of the State

of West Bengal to GRAPHITE INDIA LIMITED, of 14,
Netaji Subhas Road, Calcutta-1 in the State
Station Hare Street in the district of CALCUTTA.

Sd/-
Registrar of Assurances,
Calcutta.
16.8.67.

J.1 30-
J.2 2-88
32-88

K.1a 5
K.2 5.76
10.76.

Sd.
16.8.67.

THIS INDENTURE OF LEASE made this 26th day
of July 1967 BETWEEN THE GOVERNOR OF THE STATE
OF WEST BENGAL hereinafter called the "LESSOR"
(which expression unless excluded by or repug-
nant to the context be deemed to include her
successor in office and assigns) of the ONE PAU
and GRAPHITE INDIA LIMITED a Company registered
under the Indian Companies Act, having its
registered office 14, Netaji Subhas Road,
Calcutta-1 hereinafter called the "LISSEE" -
(which expression unless excluded by or repug-
nant to the context be deemed to include its -

2.

successors and assigns) of the OTHER PART.

WHEREAS the Lessee has applied for a lease for the purpose of building a factory for the manufacture of Graphite Products and by-products thereof and Carbon Products and by-products thereof the land hereinafter mentioned and described in Part I of the Schedule hereunder written AND WHEREAS such application has received the approval of the Development and Planning (Town & Country Planning) Department of the Government of West Bengal.

NOW THIS INDENTURE WITNESSETH that in consideration of the payment to the Lessor by the Lessee of the premium or salami of Rs.6,12,967.50 calculated at the rate of Rs.12,150.00 per acre on or before the execution of these presents and of the rent hereby reserved and fully mentioned in Part I of the Schedule hereunder written and of the covenants and conditions contained in Part II of the said schedule hereunder written in the part of the Lessee to be paid observed and performed the Lessor doth hereby demise unto the Lessee all that piece or parcel of land mentioned and described in Part I of the Schedule hereunder written TO HOLD the same unto the Lessee for the period of sixty years from 3rd day of March 1965 to the 2nd day of March 2025 Yielding and Paying therefor the rent at the time and in the manner specified in Part II of the said Schedule hereunder written.

IN WITNESS WHEREOF THE parties to these presents have hereunto set and subscribed their respective hands and seals the day month and year first above written.

Signed

3.

Signed sealed and delivered by the
Commissioner Town & Country Planning
and Secretary (Ex-Officio) Development
and Planning (Town & Country Planning)
Department, Government of West Bengal,
for and on behalf of the Governor of
the State of West Bengal in the
presence of :-

For and on behalf of the
Governor of the State of
West Bengal.

First Witness: Sd/-
26.7.67

Second Witness: Sd/-
26/7/67
B. ROY.
Assistant Secretary.
Development & Planning (T. & C.P.)
Department.
GOVT. OF WEST BENGAL.

M.N. ROY CHOWDHURY
Deputy Secretary, Development
& Planning (T & C.P) Deptt.
Govt. of West Bengal.

Sd/-S.C. Ganguli.
Commissioner, Town &
Country Planning and
Secretary (Ex-Officio)
Development and Planning
(Town & Country Planning)
Department, Government of
West Bengal.

(B. C. GANGULI)
Commissioner Town & Country
Planning.
and
Ex-officio Secretary, Develop-
ment and Planning Deptt.

Common Seal of GRAPHITE INDIA LTD.

(Seal)
GRAPHITE INDIA LIMITED.
1962.

has been affixed hereto
by SHRI GOBIND LALL BANGUR and
SHRI GOKHLI CHAND BANGUR the
Directors thereof who have also
affixed their signatures hereto as
such in the presence of:-

Sd/- R. C. Lakhatis
14, Netaji Subhas Road,
First Witness: Calcutta.

For GRAPHITE INDIA LIMITED.
Sd/- G.L. Bangur
Director.
For Graphite India Limited.
Sd/- G. C. Bangur
Director.

Second Witness: Sd/- G.K. Tulsian
14, Netaji Subhas Road,
Calcutta-1.

THE

4.

THE SCHEDULE ABOVE REFERRED TO

PART - I

PARTICULARS OF THE HOLDING.

1. No. of plot	
2. Khatian No.	
3. J. L. No.	
4. Area of plot.	
5. Tauzi No.	
6. Name of Pargana.	
7. Name of mouza.	
8. Name of Thana.	
9. Sub-Registration Office.	
10. District.	

AS PER ANNEXURE ATTACHED.

BOUNDARIES OF THE PLOT:

NORTH: - SAGARBHANGA VILLAGE

EAST: - OPEN LAND, SAGARBHANGA VILLAGE

SOUTH: - GOVT. ACQUIRED LAND (E.Rly. Siding)

WEST: - CIRCULAR ROAD TO BITAN CHANDRA STATION (demolished) and
HINDUSTHAN REFRactories.

The demised land is shown in the map or plan hereto
annexed with boundaries in RED Colour.

PART - II.

1. The Lessee shall carry out the terms embodied in this lease and will continue to be bound thereby.
2. The Lessee shall pay the rent of the leasehold premises to the Development and Planning (Town & Country Planning) Department of the Government of West Bengal yearly at the rate of Rs. 10/- per acre per annum.

3.

5.

3. In default of payment of rent within the year in which the rent falls due the Lessee shall be bound to pay in addition to the arrear of the rent interest at the rate of 6½ per cent per annum on the amount of the rent in arrear from the end of the said year till the day of payment and the arrear with interest payable thereon shall be realisable as a public demand under the Bengal Public Demands Recovery Act.

4. In the event of the Lessee holding over after the expiration of the period of this demise the Lessee shall be held liable on account of any year subsequent to the expiry of the period of this demise for the rent at such rate as may be assessed upon the demised land by the Lessor.

5. Should the Lessee duly and faithfully observe and fulfil the terms conditions and covenants on the part of the Lessee herein contained, the Lessee shall continue to hold the lease, on the expiration of the aforesaid period of sixty years, to successive like period of thirty years upon the same terms and conditions save as to rent which may be increased or otherwise varied in accordance with the provisions of the law or any rules framed by the Government of West Bengal as may be in force for the time being and in the absence of any such law or rules, then as may be fixed by the Lessor. Such increase shall not be in excess of twentyfive per cent of the rent fixed by these presents.

6. The Lessee shall not assign mortgage or charge the lease hold interest or any buildings and structures thereon without its consent in writing of the Lessor first being obtained and such consent shall not be unreasonably withheld. If the Lessee assigns its leasehold interests with the prior written consent of the Lessor in the land described in Part I of the Schedule hereunder written, the Lessee shall duly get his its or their name or names registered with the Government

6.

of West Bengal within three calendar months after obtaining possession of the holding and will process and use the land and be bound by all terms covenants and conditions herein contained.

7. The Lessee shall be entitled to use the demised land for the purpose of its business and erect buildings and structures thereon and subject thereto the Lessee shall not in any way diminish the value of or injure or make any permanent alterations in the said demised land which may impair the value of the land in any way without the previous written consent of the Government of West Bengal or any officer authorised in that behalf of the Government of West Bengal and shall not sell or dispose of any earth, clay, gravel, sand or stone from the demised land nor excavate the same except so far as may be necessary for the execution of the works as stated in Clause 16 of these presents. The Lessee shall however have the right to remove any surplus earth, sand, stones or gravel from the demised premises during or after the construction or erection of the said factory. In the event of its making any ditch or excavation which cause injury to the property without the consent of the Government of West Bengal it shall be filed in after due notice to the Lessee by the Lessor or any officer authorised in that behalf who shall recover from the Lessee the expenses incurred by him for the purpose as arrears of rent.

8. The Lessee shall keep the land free from jungle and all sorts of nuisance, and where the land is used for industrial purposes, the Lessee shall ensure that

(a) No trade effluent or other waste material which is alkaline or obnoxious or will cause toxic reactions or be otherwise injurious to public health, is discharged into any adjoining land, drain, sewer, stream or river,

(b) No smoke or fumes is released into open air without adequate treatment, according to such standards as may be prescribed by the Lessor or other competent authority in this regard.

Upon failure of the Lessee to do so the Lessor, after notice to the Lessee, may cause such nuisance to be removed or otherwise dealt with as the Lessor may think fit and proper to do in the interest of public health and safety and all expenses incurred by the Lessor in that regard shall be recoverable from the Lessee.

9. The Lessee shall pay and discharge all existing and future rates, taxes and assessment, duties, impositions, outgoings and burdens whatever assessed, charged or imposed upon the demised premises or upon the owner or occupier thereof in respect thereof or payable by either in respect thereof. If - there is no Municipal law in force the Lessee shall pay such local taxes and charges for the purpose of conservancy, lighting, water supply, road maintenance, drainage arrangements and the like as shall be fixed from time to time by the Government of West Bengal.

10. The Lessee shall reserve intact the boundaries of the holding and will keep them well demarcated according to the requisition from time to time as may be made by the Government of West Bengal or any officer authorised in that behalf and shall point them out when required by the Lessor or the said - Government of West Bengal or any officer authorised in that behalf, to do so, to any officer duly authorised by him in writing to inspect them. Should any boundary mark be missing the Lessee shall report the fact to the Secretary, Development & Planning (Town & Country Planning) Department or any officer authorised in that behalf.

11. The Lessee shall not be entitled to convert the demised land or any part thereof into a place of religious worship without the previous consent of the Lessor obtained in writing or use or allow the demised premises or any part thereof to be used as place for cremation or burial.

12. The Lessee shall not sublet the demised land or any part thereof or assign its leasehold interests or part with the possession of the same without the consent in writing first had and obtained from the Government of West Bengal.

13. The Lessee shall not use nor permit any other person to use the demised land or any part thereof for a purpose other than that for which it is leased or in a manner which renders it unfit for use for the purposes of the tenancy.

14. The Lessee shall not use nor permit any other person to use the demised land or any share or portion thereof for any immoral or illegal purposes or in any manner so as to become a source of grave danger to the public peace or public safety.

15. If the demised land or any part thereof shall, at any time, be required by the Government of West Bengal for a public purpose the Lessee shall give up the same on demand upon payment of the compensation that may be assessed to be payable to the Lessee by the appropriate authority. If the land is required permanently the lease shall forthwith be determined and Lessee shall be entitled to such fair and reasonable compensation for buildings and improvements effected by him as shall be decided by the Government of West Bengal or any officer authorised in that behalf. If a part of the land is required, whether permanently or temporarily or if the whole land is required temporarily the Lessee shall not determine, but in the former case the Lessee shall be entitled to proportionate reduction of rent and in the latter case to a total remission of rent, and to such compensation

compensation in either case as shall be decided by the said Government of West Bengal which shall be final.

16. The Lessor reserves to himself the right to all minerals in the lands together with such rights of way and other reasonable facilities as may be requisite for working, gathering and carrying away such minerals.

17. The Lessee shall before building any pucca house structure privy or latrine or making any additions thereto or alterations therein, get the plan thereof approved by the Officer authorised in that behalf by the Government.

18. The Lessee shall permit the Lessor and his Agents on 24 hours' notice at all reasonable time during the erection of the buildings and subsequent thereto to enter upon the demised premises to view the condition of the buildings for the time being erected or in course of erection thereon and for all other reasonable purpose.

19. On breach or non-observance of any of the foregoing covenants, terms or conditions herein on the part of the Lessee contained or on the Lessee being wound up or an order for winding up of the Lessee being made the Lessor shall have the right to determine this lease and the Lessee shall be liable to ejectment in accordance with the provisions of the law for the time being in force but without prejudice to any other right or remedy of the Lessor that may have accrued hereunder.

20. Should the Lessee fail an' neglect to erect and construct the factory within five years from the date of these presents, the Lessor shall have the right and be entitled to determine these presents and thereafter to re-enter into the demised premises or in a portion thereof in the name of the whole.

21. Should the said land at any time thereafter cease for a period of six consecutive months to be held an' used or

leased

cease to be required for the purpose or purposes provided for in the foregoing clauses then and in any such case, the Lessor may summarily re-enter upon and take possession of the said land together with all buildings thereon, whether such buildings were erected before or after the demise of the land to the Lessee, and thereupon the Lessee shall have no further right title or interest in the said land and buildings and its demises shall absolutely cease and determine.

On taking such possession the Lessor may sell or otherwise deal with the said land and buildings as it may think proper.

Should the Lessor sell the land with the buildings the Lessor after deducting the expenses incurred in connection with the said taking of possession and with such sale shall pay the proceeds to the Lessee.

Should the Lessor decide not to sell the land and buildings, the Lessor shall retain the said land and buildings, thereon in which case the Governor shall repay to the Lessee the market value as on the day of re-entry of all the buildings only erected by the Lessee and may at its discretion on sufficient grounds refund the premium or salami.

Should the Lessor decide to sell the buildings only upon such sale, the Governor shall, after deducting the expenses of taking possession and selling pay the balance of the proceeds of sale of the said buildings and may on sufficient grounds refund the premium or salami paid by the Lessee.

SCHEDULE OF PLOTS:

1) J.L.Nos:	...	85 & 92
2) Area of Plot:	...	50.45 Acres
3) Name of Pargana:	...	Silmpur & Sergarh
4) Name of Moizs:	...	Gopinathpur, Nadha
5) Name of Police Station:	...	Durgapur
6) Sub Registration Office:	...	Copalmath,
7) District:	...	Burdwan.

GOPINATHPUR, J.J., No. 85

C.S.Plot No.	KH.NO:	TOUZI NO:
C.S.Plot in Part 1191.	1550	1
C.S.Plot in Part 1192E	3994	1
C.S.Plot in Part 1193E	762	1
C.S.Plot in Part 1207E	341,2853	1
C.S.Plot in Part 1210E	3994	1
C.S.Plot in Part 1209E	1550	1
C.S.Plot in Full 1211E	3994	1
C.S.Plot in Full 1212E	3994	1
C.S.Plot in Part 1213N	1060	1
C.S.Plot in Part 1214N	761	1
C.S.Plot in Part 1215N	2862	1
C.S.Plot in Part 1216N	132859,2856,2853,2846, 2835,2841,2843,2849	1
C.S.Plot in Part 1217N	3182	1
C.S.Plot in Full 1229	3994	1
C.S.Plot in Full 1230	3994	1
C.S.Plot in Full 1231	2675	1
C.S.Plot in Full 1232	613	1
C.S.Plot in Full 1233	2502	1
C.S.Plot in Full 1234E	1148	1
C.S.Plot in Full 1235	613	1
C.S.Plot in Part 1236N	619	1
C.S.Plot in Full 1237	2417	1

C.S.Plot in Part 1238

12.

C.S.PLOT NO:	KH.NO:	TOUZI NO:
C.S.Plot in Part 1238	1969	3042
C.S.Plot in Part 1241N	613	1
C.S.Plot in Part 1243N	939	1
C.S.Plot in Full 1229 2484E	615	1
C.S.Plot in Part 1246N	346	1
C.S.Plot in Part 1247N	1707	1
C.S.Plot in Part 1250N	2676	1
C.S.Plot in Part 6129	602	1
C.S.Plot in Part 6131	341	1
C.S.Plot in Part 6132S	341	1
C.S.Plot in Full 6133W	474	1
C.S.Plot in Part 6134W	1029	1
C.S.Plot in Full 6135W	191	1
C.S.Plot in Full 6136	474	1
C.S.Plot in Full 6136	474	1
C.S.Plot in Full 6137	1029	1
C.S.Plot in Full 6138	131	1
C.S.Plot in Full 6139	474	1
C.S.Plot in Full 6140	1029	1
C.S.Plot in Full 6142	1133	1
C.S.Plot in Full 6143S	1133	1
C.S.Plot in Full 6144	2340,1256	1
C.S.Plot in Full 6145	1183	1
C.S.Plot in Full 6146	1183	1
C.S.Plot in Full 6147	80	1
C.S.Plot in Full 6148	768	1
C.S.Plot in Full 6149	1274	1
C.S.Plot in Full 6150	938	1
C.S.Plot in Full 6151	325	1
C.S.Plot in Full 6151	325	1
C.S.Plot in ' 6152	347,1256	1
C.S.Plot in Part 6153 N	2670	1
C.S.Plot in Part 6154N	938	1

C.S.Plot in Part 6155

13.

C.S.PLOT NO:	KH.NO:	TOUZ NO:
C.S.Plot in Part 6155	938	1
C.S.Plot in Part 6156	59	1
C.S.Plot in Part 6181N	1698	1
C.S.Plot in Part 6182N	3170,3088	1
C.S.Plot in Part 6213 N	603	1
C.S.Plot in Full 6214	347/1,1255	1
C.S.Plot in Full 6215	89	1
C.S.Plot in Full 6216	1046	1
C.S.Plot in Full 6217	1046	1
C.S.Plot in Full 6218	544	1
C.S.Plot in Full 6219	938	1
C.S.Plot in Full 6220	347/1,1255	1
C.S.Plot in Full 6221	4165	1
C.S.Plot in Full 6222	4166	1
C.S.Plot in Full 6223	3999	1
C.S.Plot in Full 6224	1561	1
C.S.Plot in Full 6225	88	1
C.S.Plot in Full 6226	4165	1
C.S.Plot in Full 6227	88	1
C.S.Plot in Full 6228	88	1
C.S.Plot in Full 6229	88	1
C.S.Plot in Full 6230	88	1
C.S.Plot in Full 6231	88	1
C.S.Plot in Full 6232	88	1
C.S.Plot in Full 6233	4165	1
C.S.Plot in Full 6234	88	1
C.S.Plot in Full 6235	4165	1
C.S.Plot in Full 6236	4165	1
C.S.Plot in Full 6237	2863	1
C.S.Plot in Full 6238	4165	1
C.S. Plot in Full 6239	2789	1
C.S.Plot in Full 6240	88	1
C.S.Plot in Full 6241	3972	1

C.S.Plot in Part 6242

14.

C.S.PLOT NO:	KII.NO:	TOUZI NO:
C.S.Plot in Part 6242 N	3999	1
C.S.Plot in Part 6243 N	3212,3124,3098,3470,3477, 3499,3596	1
C.S.Plot in Part 6252 N	4006	1
C.S.Plot in Part 6253 N	709	1
C.S.Plot in Part 6254 N	4006	1
C.S.Plot in Full 6255	3152	2092
C.S.Plot in Full 6256	1244	1
C.S.Plot in Full 6257	59	1
C.S.Plot in Full 6260	59	1
C.S.Plot in Full 6261	1599	1
C.S.Plot in Full 6263	1590	1
C.S.Plot in Full 6264	1244	1
C.S.Plot in Full 6265	768	1
C.S.Plot in Full 6266	1046	1
C.S.Plot in Full 6267	1244	1
C.S.Plot in Full 6268	1046	1
C.S.Plot in Full 6269	876	1
C.S.Plot in Full 6270	876,877	1
C.S.Plot in Full 6271	1046	1
C.S.Plot in Full 6272	338	1
C.S.Plot in Full 6273	1046	1
C.S.Plot in Full 6274	1046	1
C.S.Plot in Full 6275	1046	1
C.S.Plot in Full 6276	544	1
C.S.Plot in Full 6277	1568	1
C.S.Plot in Full 6278	1650,1671	1
C.S.Plot in Full 6279	1227	1
C.S.Plot in Full 6280	2517	1
C.S.Plot in Full 6281	1227	1
C.S.Plot in Full 6282	2776,1227	1
	C.S.Plot in Full 6283	

15.

C.S.PLOT NO:	KH.NO:	TCUZI NO:
C.S.Plot in Full 6283	2517	1
C.S.Plot in Full 6284	1227	1
C.S.Plot in Full 6285	1051	1
C.S.Plot in Full 6286	583	1
C.S.Plot in Full 6287	929	1
C.S.Plot in Full 6288	929	1
C.S.Plot in Full 6289	754	1
C.S.Plot in Full 6290	754	1
C.S.Plot in Full 6233 6339	88	1
C.S.Plot in Full 6215 2533	4165	1

MOUZA NADIHA JL. NO. 92

C.S.Plot in Part 1937W	159	10
C.S.Plot in Part 1941W	158	10
C.S.Plot in Part 1942W	159	10
C.S.Plot in Part 1945W	127	10
C.S.Plot in Part 1946W	2740, 961	10
C.S.Plot in Part 1947W	158 *	10
C.S.Plot in Part 1954W	231	10
C.S.Plot in Full 1955	158	10
C.S.Plot in Full 1956	1859, 1883, 1857, 1858	10
C.S.Plot in Part 1958W	159	10
C.S.Plot in Full 1959	462	10
C.S.Plot in Part 1971	251	10
C.S.Plot in - 1973	298	10
C.S.Plot in Part 1974W	251	10
C.S.Plot in Full 1975	1371	10
C.S.Plot in Full 1976	2943	10
C.S.Plot in Full 1977	493	4158
C.S.Plot in Full 1978	493	4158
C.S.Plot in Full 1979	493	4158
C.S.Plot in Full 1980	474	4158

C.S.Plot in Full 1981

16.

C.S.PLOT NO:	KH.NO:	TOUZI NO:
C.S.Plot in Full 1981	493	4158
C.S.Plot in Full 1982	490	4158
C.S.Plot in Full 1983	490	4158
C.S.Plot in Full 1984	490	4158
C.S.Plot in Full 1985	493	4158
C.S.Plot in Full 1986	493	4158
C.S.Plot in Part 1987N	2935,2936,2937,2938	10
C.S.Plot in Part 1988N	490	4158
C.S.Plot in Part 1989N	473,1780,2025,2027,2024	4158
C.S.Plot in Full 1990	474	4158
C.S.Plot in Full 1991	492	4158
C.S.Plot in Full 1992	474	4158
C.S.Plot in Full 1993	492	4158
C.S.Plot in Full 1995	1009 to 1011	10
C.S.Plot in Full 1994	492	4158
C.S.Plot in Full 1996	2926	10
C.S.Plot in Full 1997	1334,1336,1466,1337	10
C.S.Plot in Part 1998(W)	931,251	10
C.S.Plot in Full 1999	492	4158
C.S.Plot in Full 2000	474	4158
C.S.Plot in Full 2001	1012	10
C.S.Plot in Full 2002	1012	10
C.S.Plot in Part 2003(W)	153	10
C.S.Plot in Part 2004 W	1822,1725,1735,1821	10
C.S.Plot in Part 2009 E	1556	10
C.S.Plot in Part 2010 E	358,2331,2742	10
C.S.Plot in Part 2011 E	478	4158
C.S.Plot in Part 2012 E	465	10
C.S.Plot in Full 2013	478	4158
C.S.Plot in Full 2014	298	10
C.S.Plot in Full 2015	1666,1781,1783	10
C.S.Plot in Full 2016	1371	10
C.S.Plot in Full 2018	1783,1666,1781	10
C.S.Plot in Full 2020	1095,1092,1262	10

C.S.Plot in Full 202

17.

C.S.PLOT NO:	EH.NO.	TOUZA NO:
C.S.Plot in Full 2021	1012	10
C.S.Plot in Full 2022	1001 to 1008	10
C.S.Plot in Full 2023	1092,1095,1262	10
C.S.Plot in Full 2025	1001 to 1008	10
C.S.Plot in Full 2026	1012	10
C.S.Plot in Full 2027	727	10
C.S.Plot in Full 2029	747	10
C.S.Plot in Part 2030	503	4158
C.S.Plot in Part 2031	503	4158
MOUZA - GOPINANPUR		
C.S.Plot in Full 6141	191,474/1,1029,1183	1
C.S.Plot in Part 6212	2838	1
C.S.Plot in Part 6258	613	1
C.S.Plot in Part 6259	613	1
C.S.Plot in Full 6262	1671	POSSESSION
C.S.Plot in Part 6278	1650,1671	NOT YET
MOUZA - NADIHA		DELIVERED
C.S.Plot in Part 1938	412	10
C.S.Plot in Part 1957	312	10
C.S.Plot in Part 1960	100	10
C.S.Plot in Part 1972	251	10
C.S.Plot in Full 2017	1666,1781,1783	10
C.S.Plot in Full 2018	1001 to 1008	10
C.S.Plot in Full 2024	2520,2523,2526,2539	10
C.S.Plot in Full 2028	885	10
C.S.Plot in Part 2030	503	4158
C.S.Plot in Part 2031	503	4158

CERTIFICATE

CERTIFICATE OF POSSESSION.

Certified that I have this day the 3rd March, 1965 received possession at the hand of Shri Tushar Kanti Chaudhuri, Surveyor, Durgapur Development Authority of 50.45 acres of land mentioned in the schedule below situate in mouza - Gopinathpur, J.L.No.85, and mouza Nadiha, J.L.No.92, P.S. Durgapur Dist. Burdwan out of the area acquired under Declaration No.20960 L.A. dated the 3.12.64 published at pages 3565-3566, Part-I of Calcutta Gazettee "Extraordinary of the 4th item, for Development of Industries in Durgapur Area (Block 'Z' south of Station Approach Road) and possession delivered under Section 17(1) of the L.A. Act 1 of 1894 under G.O.No. 2096/L.A. dated 9.12.64 pending the terms and conditions of the demise of the said land being finally settled by the development & Planning (Durgapur Industries) Deptt. Govt. of West Bengal.

SCHEDULE OF PLOTS.

Gopinathpur, J.L. No.85

C.S.Plot in	K.H.No.	Touzi No.	C.S.Plot No.	K.H.No.	Touzi No.
C.S.Plot in Part 1191	1550	1	C.S.Plot in Full 1237	2417	1
C.S.Plot in Part 1192	3994	1	" " " Part 1238	1969	3092
C.S.Plot in Part 1193	762	1	C.S.Plot in Part 1241	613	1
C.S.Plot in Part 1207	341,3853	1	C.S.Plot in Part 1243	969	1
C.S.Plot in Part 1210	3994	1	C.S.Plot in Full 1229	615	1
				2484	
C.S.Plot in Part 1209	1550	1	C.S.Plot in Part 1246	346	1
C.S.Plot in Full 1211	3994	1	C.S.Plot in Part 1247	1707	1
C.S.Plot in Full 1212	3994	1	C.S.Plot in Part 1250	2676	1
C.S.Plot in Part 1213	1660	1	C.S.Plot in Part 6129	602	1
C.S.Plot in Part 1214	761	1	C.S.Plot in Part 6131	341	1
C.S.Plot in Part 1215	2862	1	C.S.Plot in Part 6132	341	1
C.S.Plot in Part 1216					
			C.S.Plot in Part 1216...		

19.

C.S.Plot in	K.H.No.	Touzi No.	C.S.Plot in	K.H.No.	Touzi No.
C.S.Plot in Part 1216	132859, 2856,2853, 2846,2835, 2841,2843, 2849	1	C.S.Plot in Full 6188	474	1
			C.S.Plot in Part 6134	1029	1
			C.S.Plot in Full 6131	88	1
C.S.Plot in Part 1217	3182	1	C.S.Plot in Full 6232	88	1
C.S.Plot in Full 1229	3994	1	C.S.Plot in Full 6233	4165	1
C.S.Plot in Full 1230	3994	1	C.S.Plot in Full 6234	88	1
C.Plot in Full 1231	2675	1	C.S.Plot in Full 6235	4165	1
C.S.Plot in Full 1232	613	1	C.S.Plot in Full 6236	4165	1
C.S.Plot in Full 1233	2502	1	C.S.Plot in Full 6237	2861	1
C.S.Plot in Full 1234	1148	1	C.S.Plot in Full 6238	4165	1
C.S.Plot in Full 1235	613	1	C.S.Plot in Full 6239	2781	1
C.S.Plot in Part 1236	613	1	C.S.Plot in Full 6240	88	1
C.S.Plot in Full 6135	191	1	C.S.Plot in Full 6241	3972	1
C.S.Plot in Full 6136	474	1	C.S.Plot in Part 6242	3995	1
C.S.Plot in Full 6137	1029	1	C.S.Plot in Part 6243	3212, 3124, 3096,	
C.S.Plot in Full 6138	191	1		3470, 3477, 3499,	
C.S.Plot in Full 6139	474	1		3596	1
C.S.Plot in Full 6140	1029	1			
C.S.Plot in Full 6142	1183	1	C.S.Plot in Part 6252	4006	1
C.S.Plot in Full 6143	1183	1	C.S.Plot in Part 6263	709	1
C.S.Plot in Full 6144	2340,1256	1			
C.S.Plot in Full 6145	1183	1	C.S.Plot in Full 6286	1051	1
C.S.Plot in Full 6146	1183	1	C.S.Plot in Full 6286	583	1
C.S.Plot in Full 6147	90	1	C.S.Plot in Full 6287	929	1
C.S.Plot in Full 6148	768	1	C.S.Plot in Full 6288	929	1
C.S.Plot in Full 6149	1274	1	C.S.Plot in Full 6289	754	1
C.S.Plot in Full 6150	938	1	C.S.Plot in Full 6290	754	1
C.S.Plot in Full 6151	325	1	C.S.Plot in Full 6292	88	1
C.S.Plot in Full 6152	374,1256	1		6339	
C.S.Plot in Part 6153	2570	1	C.S.Plot in Full 6215	4165	1
" " " 6154	938	1		9533	
C.S.Plot in Part 6155...					

C.S.Plot No.	KM.No.	Touzi No.	C.S.Plot No.	KM.No.	Touzi No.
C.S.Plot in Part 6155	928	1	Mouza Fadiha Jl.No.92		
C.S.Plot in Part 6156	59	1			
C.S.Plot in Part 6181	1698	1	C.S.Plot in Part 1937	189	10
C.S.Plot in Part 6182	3170,3088	1	C.S.Plot in Part 1941	188	10
C.S.Plot in Part 6213	603	1	C.S.Plot in Part 1942	189	10
C.S.Plot in Full 6214	347/1,1256	1	C.S.Plot in Part 1945	127	10
C.S.Plot in Full 6215	89	1	C.S.Plot in Part 1946 2740,361	10	
" " 6216	1046	1	C.S.Plot in Part 1947	188	10
C.S.Plot in Full 6217	1046	1	C.S.Plot in Part 1554	231	10
C.S.Plot in Full 6218	544	1	C.S.Plot in Full 1955	188	10
" " 6219	938	1	C.S.Plot in Full 1956	1859,1883 1857,1858	10
C.S.Plot in Full 6220	347/1,1256	1			
C.S.Plot in Full 6221	4165	1	C.S.Plot in Part 1958	189	10
C.S.Plot in Full 6222	4165	1	C.S.Plot in Full 1991	422 4158	
C.S.Plot in Full 6223	3939	1	C.S.Plot in Full 1992	474 4158	
C.S.Plot in Full 6224	1561	1	C.S.Plot in Full 1993	422 4158	
C.S.Plot in Full 6225	83	1	C.S.Plot in Full 1994	422 4158	
C.S.Plot in Full 6226	4165	1	C.S.Plot in Full 1995	1009 to 1011	10
C.S.Plot in Full 6227	83	1			
C.S.Plot in Full 6228	88	1	C.S.Plot in Full 1996	2926	10
C.S.Plot in Full 6229	88	1	C.S.Plot in Full 1997	1334,1336 1466,1337	10
C.S.Plot in Full 6230	88	1			
C.S.Plot in Part 6254	4006	1	C.S.Plot in Part 1998	931,251	10
C.S.Plot in Full 6255	3152	3092	C.S.Plot in Full 1999	422 4158	
C.S.Plot in Full 6256	1244	1	C.S.Plot in Full 2000	474 4158	
C.S.Plot in Full 6257	59	1	C.S.Plot in Full 2001	1012	10
C.S.Plot in Full 6260	59	1	C.S.Plot in Full 2002	1012	10
C.S.Plot in Full 6261	1590	1	C.S.Plot in Part 2003	183	10
C.S.Plot in Full 6263	1590	1	C.S.Plot in Part 2004	182,1725 1735,1821	10
C.S.Plot in Full 6264	1244	1			
C.S.Plot in Full 6265	768	1	C.S.Plot in Part 2005	1856	10
C.S.Plot in Full 6266	1046	1	C.S.Plot in Part 2010	358,2331, 2742	10
C.S.Plot in Full 6267	1244	1			

C.S.Plot in Full 6268...

21.

S.Plot No.	KI.No.	Touzi No.	C.S.Plot No.	KI.No.	Touzi No.
S.Plot in Full 6268	1046	1	C.S.Plot in Part 2011	478	4158
S.Plot in Full 6269	876	1	C.S.Plot in Part 2012	465	10
S.Plot in Full 6270	876,877	1	C.S.Plot in Full 2013	478	4158
S.Plot in Full 6171	1046	1	C.S.Plot in Full 2014	298	10
S.Plot in Full 6272	338	1	C.S.Plot in Full 2015	1660,1731 1783	10
S.Plot in Full 6273	1046	1	C.S.Plot in Full 2016	1371	10
S.Plot in Full 6274	1046	1	C.S.Plot in Full 2019	1783,1656 1781	10
S.Plot in Full 6275	1046	1	C.S.Plot in Full 2020	1095,1092 1262	10
S.Plot in Full 6276	544	1	C.S.Plot in Full 2021	1012	10
S.Plot in Full 6277	1668	1	C.S.Plot in Full 2022	1001 to 1008	10
S.Plot in Full 6278	1650,1671	1	C.S.Plot in Full 2023	1092,1095 1262	10
S.Plot in Full 6279	1227	1	C.S.Plot in Full 2025	1001 to 1008	10
S.Plot in Full 6280	2517	1	C.S.Plot in Full 2026	1012	10
S.Plot in Full 6281	1227	1	C.S.Plot in Full 2027	727	10
S.Plot in Full 6282	2776,1227	1	C.S.Plot in Full 2029	747	10
S.Plot in Full 6283	2517	1	C.S.Plot in Part 2030	503	4158
S.Plot in Full 6284	1227	1	C.S.Plot in Part 2031	503	4158
<u>za Nadiha JL.No.92.</u>					
Plot in Full 1959	462	10	C.S.Plot in Full 2029	747	10
Plot in Part 1971	251	10	C.S.Plot in Part 2030	503	4158
Plot in Full 1973	258	10	C.S.Plot in Part 2031	503	4158
Plot in Part 1974	251	10			
Plot in Full 1975	171	10			
" "	1976	2943	10		
Plot in Full 1977	493	4158			
Plot in full 1978	493	4158			
Plot in Full 1979	493	4158			
Plot in Full 1980	474	4158			
Plot in Full 1981	493	4158			
Plot in Full 1982	490	4158			
Plot in Full 1983	490	4158			
Plot in Full 1984	490	4158			
C.S.Plot in Full 1008					

22.

C.S.Plot No.	Kh.No.	Touzi No.	C.S.Plot No.	Kh.No.	Touzi No.
C.S.Plot in Full 1983	493	4158			
C.S.Plot in Full 1984	493	4158			
C.S.Plot in Part 1987	2935, 2936 2937, 2938 - 10				
C.S.Plot in Part 1988	490	4158			
C.S.Plot in Part 1989	473, 1780 2025, 2027 2024	4158			
S.Plot in Full 1990	474	4158			

C.S.PLOTS OF WHICH POSSESSION ARE NOT YET DELIVERED
TO DURGAPUR DEVELOPMENT AUTHORITY.

Vested land in Mouza
Gopinathpur, JL.No.85

Vested land in Mouza - Nadia,
JL.No. 92

C.S.Plot in full	Kh.No.	Touzi No.	C.S.Plot No.	Kh.No.	Touzi No.
C.S.Plot in full 6141	191, 474/1 1029, 1183	1	C.S.Plot in Part 1933	412	10
S.Plot in Part 6210	2838	1	C.S.Plot in Full 1957	412	10
S.Plot in Part 6258	613	1	C.S.Plot in Part 1960	100	10
S.Plot in " 6259	613	1	C.S.Plot in Part 1972	251	10
S.Plot in Full 6262	1671	1	C.S.Plot in Full 2017	1660, 1781 1783	10
S.Plot in Part 6278	1650, 1671	3	C.S.Plot in Full 2018	1001 to 1008	10
			C.S.Plot in Full 2024	2520, 2523 2526, 2534	10
			C.S.Plot in Full 2028	825	10
			C.S.Plot in Part 2030	503	4158
			C.S.Plot in Part 2031	503	4158

B.) Total area including vested land (shown in red line) = 55.00 acres.
Vested land (shown in green) = (-) 4.55 acres.

Possession delivered to M/s. Graphite India
Ltd. - 50.45 acres.

Altogether

23.

Altogether measuring area more or less 50.45 acres bounded in red colour in mouza Gopinathpur, Jl. No. 85 and mouza Nadha, Jl. No. 92, P.S. Durgapur, Sub-Registrar Office Gopalmath, Pargana Silmuri & Sargarh, Dist-Burdwan.

Area bounded on the

North by - Sagarbhanga Village,

South by - Govt. acquired land (F.Rly. siding)

East by - Open land, Sargarbhanga Village

West by - Circular road to Bidhan Ch. Station

(demolished) and Hindusthan Refractories

Possession Made over by :

Name Sd/- Samar Kundu

Designation Draughtsman
D.P.A.

DATE

Name : Sd/- Tushar Kanti Choudhuri

Designation Surveyor
Durgapur Development
Authority.

Name : Sd/- Modan Mohan Malty

Designation Amin

Date: 3.3.65

Name : Sd/- B. K. Sinha

Estate Officer
Durgapur Development Authority

Date : 3.3.65

Possession taken over by:

Name: for Graphite India Ltd.,
Sd/- I legible,
Designation: Authorised representative.

Date : 3.3.65

NOTE SIGNED BY

Name: Sd/- A.K. Gupta,

Designation: Secretary
Durgapur Development
Authority
Durgapur-2.

Date: 3.3.65

Ans 1 (A)

51-5624

Ref No - 7297/89

10Rs.



I-12976021789

236260' - on 1/2 in.

$$100000 + 30000(-x) + 2000(-60) \rightarrow$$



$$3 = a(11) + c$$

$$116672.00$$

$$11 \quad 6.00$$

$$\hline 16704.00$$

Mr. D. Chatterjee

10-11-89

Plan

5.00
2.00
3.00
9.50
10.00

For Graphite Enriched

S. Willard
Secretary

Ex. D. Chatterjee

John

Inv - 8624

Recd no - 7297

5000RS



indenture or document for
Secretary Graphite India Ltd
Executive Director Graphite Ltd
14, Netaji Subhas Rd
Calcutta 700001
India
This is to witness -
Signed with
Sd/ D. Chatterjee

THIS INDENTURE OF AGREEMENT made this 10th
day of November, One Thousand Nine Hundred
Eighty-nine BETWEEN THE GOVERNOR OF THE STATE OF
WEST BENGAL hereinafter called the first party
"LESSOR" (in such expression shall include my

For Graphite India Ltd
Sd/ Unreadable
Secretary

Contd.....

For Graphite India Ltd
Sd/ Unreadable

Executive Director

9/10 - Allahabad Bank's Stn Bazaar -
Inv No 90057 Ac 10-11-89 (No 24144 Ac 10-11-87)
Rs 16,704/- in favour of S. R. Burman X

5000Rs.



Section by
2. officer ~~Govt.~~ Planning
S & P Deptt Govt of W. Bengal 121

88

S. D. Chatley

4-12-1942 - 6-11-79

0-11-0
Bank of India
Post Box No. 100
Calcutta
Hemanta K. Ghosh
Sonjoy Ghosh
Arun Ghosh
Represents in addition and separately to the above
PART AND M/S. GRAPHITE INDIA LIMITED a Company
registered under Companies Act having its
Registered Office at 14, Netaji Subhas Road,
Calcutta-700 001, hereinafter called the second

Contd. *et al.*

10-11-89
coined & described
Mari Pada mox.
10-1-90
cor. based on
2. 1. 3

5000Rs.



/ 3 /

party/"LESSEE" (which expression shall unless excluded by or repugnant to the context be deemed to include its heirs, executors, administrators, representative and assign) of the OTHER PART.

WHEREAS the second party lessee has applied to

(S) AGY

Contd....4

X

5000Rs.



/ 4 /

the first party lessor for the grant to them
of a lease of the plot of land hereinafter more
particularly mentioned and described in the
schedule hereunder written, being part of the
area of land acquired and being developed by the

Contd.....5

9
A.M.

✓

5000Rs.



/ 5 / -

Government of West Bengal (hereinafter referred to as the 'Government') for the period and on the terms & conditions and covenants hereinafter mentioned and the first party lessor has agreed to the proposal of the second party/lessee.

Contd., 6



161

NOW THIS INDENTURE WITNESSETH as follows:

1. In consideration of the salami or premium of the sum of Rs.15,12,500.00 (Rupees fifteen lakhs twelve thousand five hundred only) being at the rate of Rs.5,000.00 per cottah/agreed to be paid to the first party/lessor by the second party/lessee out of which

Contd.....7

ABM

✓

5000Rs.



171

sum of Rs.15,12,500.00 (Rupees fifteen lakhs twelve thousand five hundred only) was paid on 25-3-1986, 26-3-1987 & 13-7-1987 and promise of the lessee to pay the rent and the lessees covenants hereinbefore reserved and contained the first party/lessor doth hereby demise unto the second party/lessee

Contd.....8

5000Rs.



/ 8 /

ALL THAT piece or parcel of land hereditaments and
premises more particularly described in the schedule
hereunder written (hereinafter referred to as the
'demised land') TO HOLD THE same UNTO the second
party/lessee as from the ... 10.11. day of November
1989 for the term of 60 (sixty) years paying an

Contd.....9

5000 Rs.



/ 9 /

annual rent at the rate of Rs.10/- (Rupees ten) per cottah or part thereof only during the said term on the 31st. day of March every year for the year of which such rent shall be due and payable without any deduction or abatement whatsoever.

Contd.....10

100

J

5000Rs



/ 10 /

2. That the second party/lessee to the intent
that the obligations may continue throughout
term hereby erected hereby covenants with the first
party/lessor as follows:

i) To pay the balance of the premium amounting
tox.... (Rupeesx....) only inx..
equal yearly instalments, the first of such

(\$) Ad-

Contd.....11

5000Rs.



/ 11 /

instalment being payable on the, day of, and the subsequent instalments on the ..., day of, in succeeding years and along with each of such instalments to pay interest on the amount for the time being remaining due and payable on account of the balance of the premium or salami at the rate of 10 per cent per annum which will always remain as

Contd....12

5000Rs



/ 12 /

first charge PROVIDED HOWEVER if the said amount be duly and punctually paid by the lessee, the lessor shall accept interest at the rate of 9 per cent per annum in lieu of 10 per cent annum. In case of default of payment of three such instalments of premium and or interest payable as aforesaid within the specified period, the Government will have

Contd....13

5000Rs.



/ 13 /

the right to determine these presents and re-enter into possession of the plot of land and to forfeit amount or amounts as already paid by the lessee.

ii) To pay the annual rent of the demised land at the rate of Rs.10/- per cottah or part thereof from the year of possession of the land or

16 ~ Contd....14



/ 14 /

execution of the lease agreement which is earlier in default of payment of rent within the year in which the rent fall due the lessee shall be bound to pay addition of the arrear of the rent interest at the rate of 6% per annum on the amount of rent in arrear from the date of default till the date of payment.

Contd....15

16

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5000Rs.



/ 15 /

iii) To bear pay discharge all existing and future rates, taxes, assessment duties, impositions and outgoings whatsoever imposed or charged upon the demised premises or upon the owner or occupier in respect thereof or payable by either in respect thereof.

iv) To construct the building, hereinafter mentioned, according to the rules of the Municipal Authority

Contd.....16

5000Rs.



/ 16 /

having jurisdiction and in the absence of such authority according to the rules as may be prescribed by the Government and according to the plans, elevations designs and sections as may be sanctioned by the Government or by any local or statutory authority in that behalf, within three years from the date on which the premises are demised to the second party/

Contd.,.,.,17

5000Rs.



/ 17 /

lessee, failing which the first party/lessor reserves the right to terminate the agreement and resume possession of the land upon payment of the premium as originally fixed.

v) To use the demised land purely for the purpose of erecting buildings for industrial quarters for residential purpose and for no other purpose whatsoever without the previous consent in writing of the

Contd....18

100

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/ 18 /

Government failing which the first party/lessor reserves the right to terminate the term, forfeit the amount/amounts paid and resume possession of the land subject to payment of such reasonable compensation for standing structures, if any, as may be decided by the first party/lessor.

Contd.....19

5000Rs.



/ 19 /

vi) Not to engage in the premises in any commercial activity other than those prescribed by the Municipal or any other authority empowered to do so and in particular not to engage in trades and businesses which are offensive noxious or injurious to public health.

Contd.....20

15



5000Rs



/ 20 /

vii) Not to assign, underlet or part with the possession of the demised land or any part thereof without first obtaining the written consent of the first party/lessor, the Government shall have the right to impose such conditions as it may think

Contd....21

5000Rs.



/ 21 /

in case it decides to consent to the second party/lessee assigning the lease hold interest in the demised land to any other ~~lessee~~ ^{assigning} person.

AG-
viii) Not to mortgage, transfer or charge the lease hold interest of the second party/lessee

Contd.....22

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5000 Rs.



/ 22 /

in the demised land and the buildings to be
erected thereon without the previous consent in
writing of the Government, provided however, in
the event of transfer, the first party/lessor
reserves the right to resume the leasehold after

Contd.....23

AGY





/ 23 /

paying to the second party/lessee the premium
originally fixed and such fair and reasonable
compensation for buildings and improvements
effected as shall be decided by the first party/
lessor.

Contd. 24

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/ 24 /

ix) Should the second party/lessee goes into liquidation after having made a bequest of the leasehold premises and the building erected or to be erected thereon in favour of other than the Company/Lessee intestate leaving other

Contd., 25

55

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5000Rs.



/ 25 /

than the lessee then in such case the Company/
Lessee to whom the leasehold premises with the
buildings thereon be so bequeathed or the heirs
or the successors-in-interest-successors-in-
interest of the second party/lessee, as may be

Contd.....26

5000Rs.



/ 26 /

approved by the court as otherwise as the case may be
shall hold the said property jointly without having
any right to have partition of the same by metes and
bounds the same shall vest.

x) To bear and pay all expenses incurred in respect
of preparation, execution and registration of the
indenture of lease including the stamp duty and
registration fees payable therefor.

Contd.,.,.,27

5000 Rs



/ 27 /

xii) to pay the proportionate charges for the lighting of street lights, near the demised premises and the proportionate cost for the maintenance of the pumps for the supply of water and gas to the demised premises at such rates as will be fixed by the Government or any other appropriate authority as the case may be. No internal development of

Contd. 28

164

X

5000Rs



/ 28 /

land, drainage, sewerage or septic tank will be provided by the Lessor. No peripheral power connection will be provided by the Lessor. The Lessor will provide peripheral drain, water supply and approach road.

xii) Not to use or allow to be used the lease hold premises and/or the buildings and structures

Contd.....29

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5000Rs.



/ 29 /

to be erected or erected thereon for any illegal or immoral purposes or to be used as to cause any annoyance or inconvenience to the occupiers of adjoining or neighbouring premises.

xiii) To keep the demised premises including the buildings, sewers, drains, walls and appurtenances in clean and sanitary condition and in a proper state of habitable condition and repairs and to keep the

Contd....30

5000Rs



/ 30 /

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boundaries of the demised land well marked so that the same may be easily recognised and identified.

xiv) To observe, perform and comply with all requisitions as may from time to time be made by the Government or any local or statutory body in respect of the land and the buildings and structures that may be erected thereon by the lessee.

xv) To yield up the demised premises with fixtures except tenant's fixtures and additions thereto at

Contd..., 31

5000Rs.



/ 31 /

the determination of the tenancy in good and tenantable
repair and condition in accordance with the covenants
hereinbefore contained.

xvi) Not to sub-divide the plot without the prior
consent of the lessor.

xvii) Not to construct or allow construction of a
place of public worship in any part of the demised
land without the permission of the Government in
writing being first had and obtained.

Contd.....32

5000Rs



/ 35 /

xviii) The Government shall have the right and be entitled to re-enter and possess the demised premises or current price of the land be charged in default of observance and performance by the second party/lessee of any of the terms, conditions and covenants herein on his part contained.

3. The first party/lessor hereby covenants with the second party/lessee that the second party/lessee paying

1611

Contd....33

5000Rs.



/ 33 /

the rent hereby reserved and observed and observing
and performing the several covenants and stipulations
herein on their part contained shall peaceably hold and
enjoy the demised land during the said term without
any interruption by the second party/lessee or any
person rightfully claiming under or trust for them.

Contd... 34

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5000Rs.



10 Rs



/ 34 /

4. PROVIDED ALWAYS AND IT IS EXPRESSLY AGREED
as follows:-

a) If the rent hereby reserved or any part thereof
shall be unpaid for thirty days after becoming payable
(whether formally demanded or not) or if any covenant
on the second party/lessee's part herein contained
shall not be performed or observed or if the second
party/lessee or other person in whom for the time

Contd.,, 35

120

5000Rs.



/ 35 /

being the term hereby erected shall be vested
shall become bankrupt then and in any of the said
cases it shall be lawful for the first party/lessor
at anytime thereafter to re-enter upon the demised
premises or any part thereof in the name of the
whole and thereupon this demise shall absolutely
determine but without prejudice to the right of

Contd....36

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5000Rs.



/ 36 /

action of the first party/lessor in respect of any
breach of second party/lessee's covenants herein
contained.

b) Any notice to second party/lessee required to
be served hereunder by way of request demand for
otherwise howsoever may be given by the Governor
or the Government by leaving the same at or sending
the same by post at the address of the second party/

Contd. 37

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5000Rs.



/ 37 /

Notice hereinmentioned at any notice sent by post shall be deemed to have been given at the time when it would be delivered in due course of post and in proving such notice when given by post it shall be sufficient to prove that the envelope containing the notice was posted and a certificate signed by the Government's officer-in-charge of the Despatch Department that the envelope was duly posted shall be conclusive.

Contd....38

5000 Rs.



/ 38 /

c) Should on actual measurement the area of the said demised land on demarcation of the boundaries thereof be found to be in excess of the area mentioned in the schedule hereunder written the second party/lessee shall be bound to pay proportionately additional amount as premium or salami within a fortnight from the date when the second party/lessee is called upon to make such payment by the

Contd.... 39

182

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5000Rs.



/ 39 /

Government. In default of such payment the amount of such additional premium or salami shall carry interest at the rate of ten per cent (10%) per annum. Should however the area on such measurement upon demarcation be found to be less than the area mentioned in the schedule hereunder written the

Contd. 40

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5000Rs



/ 40 /

second party/lessee shall be entitled to a proportionate abatement of the premium or salami and the amount of such abatement shall be credited to the account of the lessee/second party towards the balance of the premium or salami remaining unpaid as hereinbefore mentioned.

Contd... 41

42

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/ 41 /

d) All sums payable by the second party/lessee
to the first party/lessor and/or the Government
under these presents for premium or salary
or interest or otherwise shall be recoverable as
a public demand under the Bengal Public Demands
Recovery Act or any statutory modifications
thereto for the time being in force.

Contd.....42

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5000Rs



/ 42 /

5. Should the second party/Lessee duly and faithfully observe and fulfill the terms, conditions and covenants on the part of the Second Party/Lessee herein contained, the Lessee may, on the expiration of the aforesaid

Contd.....43

97

98

5000Rs

Rs.



/ 43 /

period of Sixty years, renew the leasehold
interest for such period and on such terms and
conditions as may be mutually agreed between the
Lessor and the Lessee.

Contd.....44

190



5000 Rs.

25.

/ 44 /

SCHEDULE ABOVE REFERRED TO:-

ALL THAT Piece or parcel of land measuring
302.5 Cottahs or 217800 Square Feet 5.00 Acres
be the same a little more or less situate lying
at Moza- Gopinathpur, J.L.No.85, comprising an

Contd.....45

2.1.90

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/ 45 /

area of 233.5 Cottans or 100042 Sq. Ft. or
3.81 Acres out of the total area in C.S.
Plot No. 5712(Part), 5713(Part), 5714(Part),
5715(Part), 5716(Part), 5763(Part), 5764(Part),

Contd....46

21/9/90
7/9/90
19.1.90

AGS

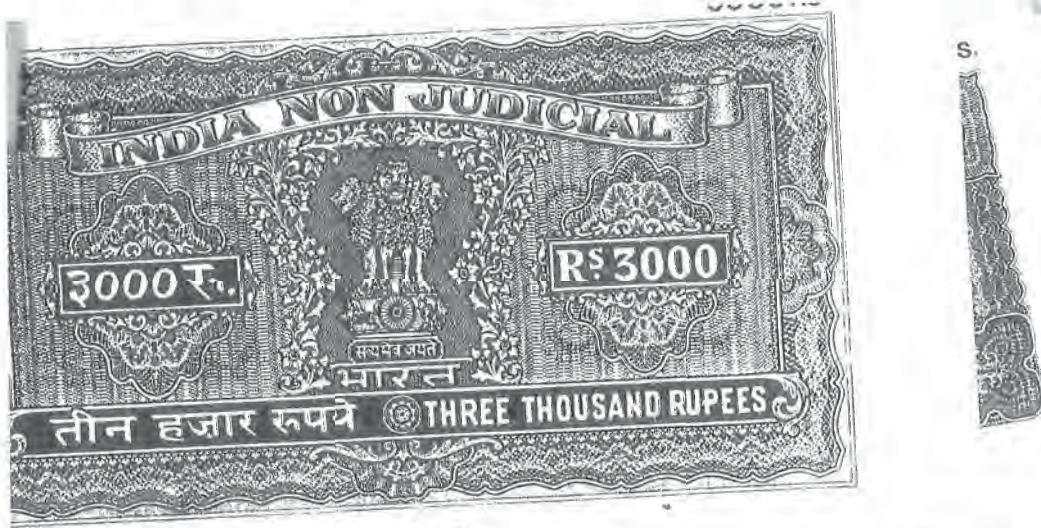


/ 46 /

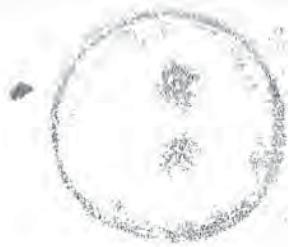
5765(Part), 5766(Part), 5767(Part), 5768,
5769(Part), 5770(Part), 5772(Part),
5773(Part) & 5774(Part), Khatian Nos. 1703,
1619, 1705, 1,2337, Touzi No. 10 and in

Contd....47

5761 90
P 9.1.90



/ 47 /



Mouza- Nadiha, J.L.No. 92 comprising an area of 69 Cottahs or 49658 Sq.Ft. or 1.14 Acres out of the total area in C.S. Plot No. 62(Part) & 2536(Part), Khatian No.1262 Touzi No.10, Thana- Durgapur, Sub- Division- Durgapur, Sub-Registration Office at City Centre, Durgapur, in the District of Burdwan

Contd....48

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/ 48 /

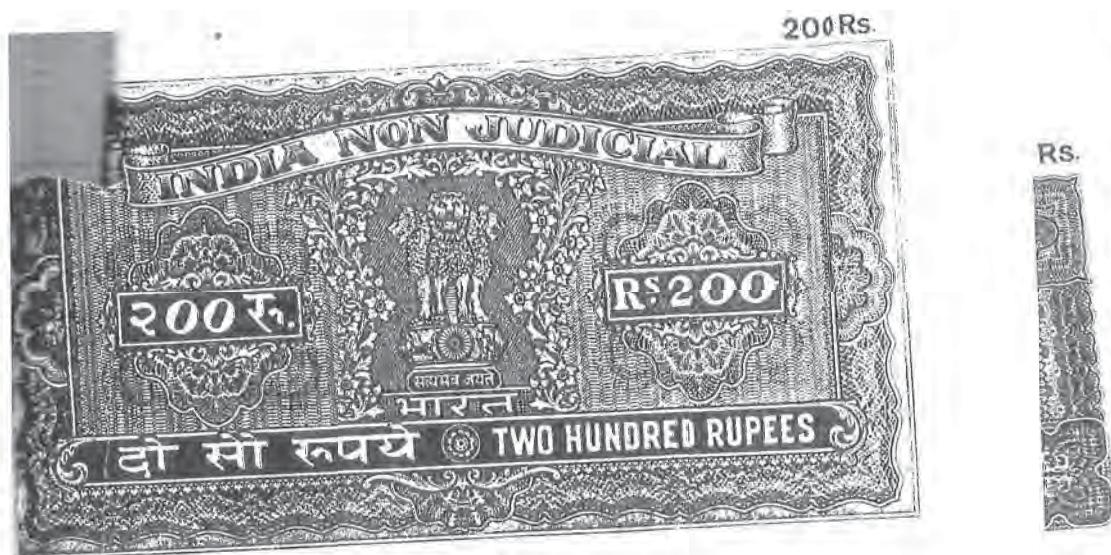
within the Durgapur Notified Area Authority
and butted and bounded in the manner following
that is to say on the.....

North By :- Road leading to J.P. Avenue.
South By :- Proposed 60'-0" Wide Road.
East By :- Road leading to Namo Sagarbhanga
Village.
West By :- Proposed 60'-0" Wide Road.

The said plot of land as shown in the map or
plan annexed within boundaries in Red Colour.

Contd.... 49

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/ 49 /

IN WITNESS WHEREOF the parties to these
presents have hereunto set and subscribed their
respective hands the day month and year first
above written.

Contd.....50

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KSY

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F 9-1-9

✓

60 RS.



/ 50 /

SIGNED SEALED AND DELIVERED FOR and on behalf of
the Governor of the State of West Bengal by the:-



Shri
Special Officer
Dev. & Planning I. & C. D. Dept.
Government of West Bengal

In the presence of : *Shri*
Asstn. Executive Officer
Amrit Durgapur Development Authority
CITY CENTRE, DURGAPUR-16.

SIGNED SEALED AND DELIVERED BY :

Shri
Graphite India Ltd.
Executive Director

For GRAPHITE INDIA LTD.

Shri
Executive Director
Shri
Secretary

In the presence of : *Shri*
SUSHIL KUMAR DUDARE
31 Chow. Road Cal-16.

Total No. of words in this document :

Prepared by : *Shri*
Asit Baran Chandra.
Surveyor

Typed by : *Shri*
R. K. LEARN
District Sub-Registrar

Shri
K. K. LEARN
District Sub-Registrar
Hari Pada Ray.

Time copy

LAND OWNERSHIP THE LAND LEASED OUT TO M/S GRAPHITE INDIA LIMITED (FOR CONSTRUCTION OF INDUSTRIAL QUARTERS FOR RESIDENTIAL PURPOSE)

LOCATION	CS	LOT NO.	AREA	TO BUILT NO	KN. NO	TOTAL AREA	RE
MELA: GOPIKA HILL	57	101	570	235.50	10	1703	
JINGEES B.S. DUGWAY	57	102	570	235.50		1699	
ST. BURCHILL	57	103	570	235.50		1706	
PERONA: ST. ANNE'S	57	104	570	235.50		1706	
SUB. RINGO CHURCH	57	105	570	235.50		1706	
DUGWAY CENTER	57	106	570	235.50		1706	
NOVA: NADHA 15 NO 92	62	107	620	253.50	10	1262.	
PS. NREGA 15				1:4		500	
DT. HIRWAN: SULAM ROOF				Acres		ACRES	
SUB. ERGO CHURCH							
DUGWAY CENTER							

AT TOGETHER MEASURING AN AREA MORE OR LESS 3000 ACRES OR 5000 ACRES.

A GUIDE IN PEG.

NOTWITHSTANDING THE FOREGOING, THE
AVENUE

3804 *WILHELM*

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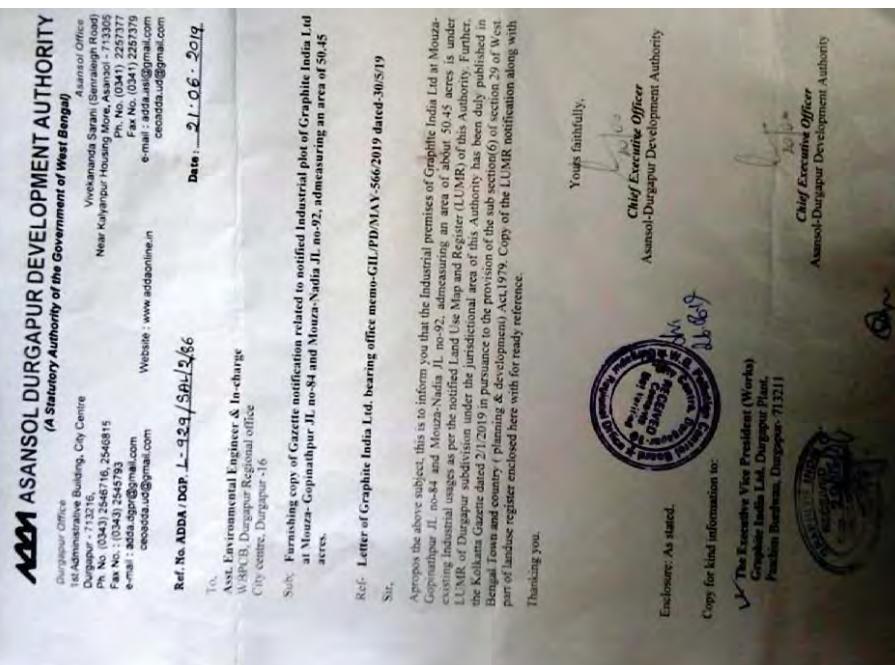
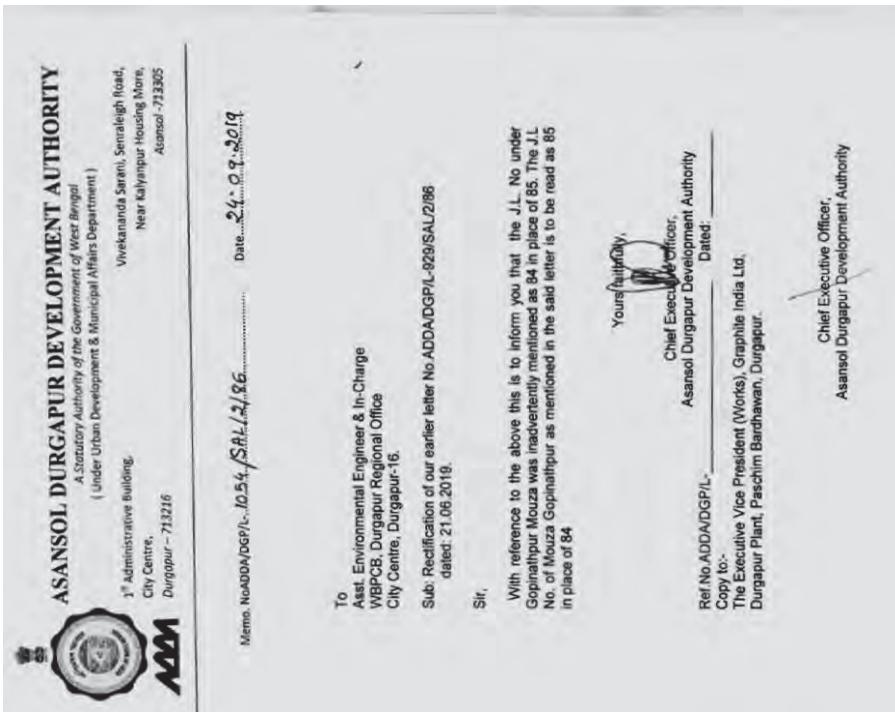
1966-1967

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SPECIAL OFFICER
DEVELOPMENT & PLANNING DEPT
GOVT OF W. BENGAL

19.1.90





NOC NO172047

SPEED POST

WEST BENGAL POLLUTION CONTROL BOARD

Paribesh Bhawan
10A, Block-LA, Sector-III
Bidhannagar, Kolkata-700 098

Memo No. 151 - 2N-08/2020 (E)-Pt.-I

Dated 31.03.2023

From :
Member Secretary,
West Bengal Pollution Control Board

To : M/s. Graphite India Limited,
Sagarbhanga, Durgapur-713211, Dist.- Paschim Bardhaman, West Bengal.

Sub : Consent to Establish (NOC) from Environmental Point of View

Ref : i) Your letter No. N11 Dated 24.03.2023
ii) Environmental Clearance issued by SEIAA, WB, vide EC Identification No. EC23B020WB141674, File No. EN/T-II-i/128/2021 dated 10.03.2023

Dear Sirs,

In response to the application for Consent to Establish (NOC) for proposed Unit of M/s Graphite India limited, Sagarbhanga, Durgapur-713211, Paschim Bardhaman, W.B. for manufacturing/storage/installation of one Baking Furnace (Riechammer Baking Furnace, RH 24 Section Unit-III) & released accessories replacing one old Recirculating Baking Furnace for increase in finished product capacity ~~at~~ from 52 KTPA to 67 KTPA (additional production of 15000 MTPA) at existing Unit at Sagarbhanga, Durgapur, Paschim Bardhaman, West Bengal. This is to inform you that this Board hereby grants the Consent to Establish (NOC) from the environmental point of the above subject to the following conditions and special conditions annexed.

1. The quality of sewage and trade effluent to be discharged from your factory shall satisfy the permissible limits as prescribed in IS : 2490 (Pt. I) of 1974, and/or its subsequent amendment and Environment (Protection) Rules 1986.
2. Suitable measures to treat your effluent shall be adopted by you in order to reduce the pollutant load so that the quality of the effluent satisfies the standards mentioned above.
3. You shall have to apply to this Board for its consent to operate and discharge of sewage and trade effluent according to the provisions of the Water (Prevention & Control of Pollution) Act, 1974. No sewage or trade effluent shall be discharged by you without prior consent of this Board.
4. All emission from your factory shall conform to the standards as laid down by this Board.
5. No emission shall be permitted without prior approval of this Board and you shall apply to this Board for its consent to operate and atmospheric emission as per provision of the Air (Prevention & Control Pollution) Act, 1981.
6. No industrial plant, furnace, flues, chimneys, control equipment, etc. shall be constructed/reconstructed/erected/re-erected without prior approval of this Board.

Mukherjee
03/02/2023
Engineer

W. B. Pollution Control Board
Dept. of Environment, Govt. of W.B.

NOC NO172047

7. You shall comply with
 - (i) Water (Prevention and Control of Pollution) Cess Act, 1977, if applicable.
 - (ii) Water (Prevention and Control of Pollution) Cess Act, 1978, if applicable.
 - (iii) Environment (Protection) Act, 1986
 - (iv) Environment (Protection) Rules, 1986
 - (v) Hazardous Wastes (Management and Handling) Rules, 1989 and Amended Rules, 2000
 - (vi) Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 and Amended Rules, 2000
 - (vii) Manufacture, Use, Import and Storage and Hazardous Micro-Organisms, Genetically Engineered Organisms or Cell Rules, 1989
 - (viii) The Public Liability Insurance Act, 1991 and Amended Act, 1992
 - (ix) The Public Liability Insurance Rules, 1991 and Amended Rules 1993
 - (x) Biomedical Wastes (Management & Handling) Rules, 1998 and Amended Rules 2000 if applicable.
 - (xi) Recycled Plastics Manufacture and Usage Rules 1999, if applicable and
 - (xii) Ozone Depleting Substances (Regulation & Control) Rules, 2000, if applicable
8. You will have to abide by any other stipulations as may be prescribed by any authority/local bodies/Government Departments etc.

SPECIAL CONDITION:

See Annexures.

Gross capital investment - Rs.136.89 Crores.

Any violation of the aforesaid conditions shall entail cancellation of this Consent to Establish (NOC)

Yours faithfully,

Mukherjee 31/03/2023
Member Secretary/ Chief Engineer,
West Bengal Pollution Control Board
(EIM CELL)

151 - 2N-08/2020(E)-Pt.-I dd. 31.03.2023

Dated.....Chief Engineer.....

Memo No.

Copy forwarded for information to :

1. Chief Inspector of Factories, Government of West Bengal, N. S. Building, Kolkata-700 001
2. Director of Industries/Director of Cottage & Small Scale Industries, Government of West Bengal, N. S. Building, Kolkata-700 001
3. Guard file, West Bengal Pollution Control Board.
4. Environmental Engineer, I/I/Alipur R.O./Howrah R.O./Hooghly R.O./B.R.O./D.R.O./Haldia R.O./S.R.O./Asansol/ Sub-R.O./WBPC Board

Himalaya Bhawan Delhi Road, Dankuni Dist. Hooghly	Vill, Panpur Kalyani Expressway P.O. Narayanpur Dist. 24 Pgs. (N)	Sahid Khudiram Sarani City Centre, Durgapur-16 Dist. Burdwan	10, Camac Street 2nd Floor Kolkata-700 017
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Paribesh Bhawan 10A, LA-Block, Sector-III Salt Lake City, Kolkata - 700 098	Block-05 at 40 Flats Complex Adjacent to Priyambada Housing Estate P.O. : Khanjanchak, P.S. Durgachak Haldia-721602 Dist. : Purba Medinipur	Paribahan Nagar Matigara, Siliguri Dist.-Darjeeling
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Satya Chowdhury Indoor Stadium Balurchar Bandh Road Malda-732101	Asansol Sub-Regional Office ADDA Commercial Market (2nd Floor) Opposite Asansol Fire Station G.T. Road, Asansol-713 301
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Mukherjee 31/03/2023
Member Secretary/ Chief Engineer,
West Bengal Pollution Control Board
(EIM CELL)
W. B. Pollution Control Board
Dept. of Environment, Govt. of W.B.

Special Conditions issued to - M/s. Graphite India Limited (Expansion Project) at JL no. 85 & 92, Vill – Sagarbhanga, Durgapur, Dist – Paschim Brdhaman, West Bengal (Application no. 3484968)

Emission :-

Sl. No.	Equipment	APC device	Stack Height (m)
1	Proposed Finishing unit Electrode dust collector	Bag Filter	15
2	Proposed Finishing unit nipple dust collector	Bag Filter	15
3	Riedhammer Baking Furnace	ESP	45
4	Stock cleaning machine dust collector	Bag Filter	24
5	Jaw Crusher machine dust collector	Bag filter	22
6	3X500 KVA DG Sets	Individual acoustic enclosures with stacks of height 9m above DG room	

- 1) Stacks should have sampling port, platform and ladder as per the Emission Regulation Part-III of CPCB. Particulate emission from all stacks shall be less than 30mg/Nm³.
- 2) The National Ambient Air Quality Emission Standards issued by MoEF vide G.S.R 826(E) dated 16th November, 2009 should be complied with.
- 3) Dry fog system and water sprinklers to be installed to arrest fugitive emission.
- 4) 24X7 continuous emission monitoring system at process stacks to be installed and as well as Continuous Ambient Air Quality Station for monitoring AAQ parameters to be installed.

Effluent :-

- 1) Process – All scrubber effluent to be treated in ETP. Treated effluent to be recycled.
- 2) 24X7 continuous effluent monitoring system to be installed.
- 3) Cooling water to be recycled after settling.
- 4) Domestic – to be treated in STP.
- 5) ZLD system to be strictly followed.

Solid Waste :-

- 1) Bag Filter dust – to be reused in different processes.
- 2) The proponent should abide by the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016

General :-

- 1) Noise Control – Ambient noise level not to exceed the permissible limit.
- 2) No additional machineries / equipment can be installed without prior permission from the State Board.
- 3) No change in raw materials, products and production capacity should be made without prior permission from the State Board.
- 4) Plant layout should be as per EIA Report/DPR submitted during EC process.
- 5) Proper lighting and proper pathway inside the factory premises should be constructed.
- 6) Adequate measures to be adopted for control of fugitive emission.
- 7) The unit should not start operation without obtaining 'Consent to Operate' from the State Board after complete installation of pollution control devices.
- 8) The unit should obtain permission from the District level authority for ground water abstraction, if any, as per The West Bengal Ground Water Resources (Management, Control and Regulation) Act, 2005; before applying for 'Consent to Operate' to this Board.
- 9) The unit should obtain Land Conversion Certificate from the competent authority, if applicable, before starting construction activities.
- 10) No construction is permitted on the land parcels, not under the possession of the industry.
- 11) At least 33% of the project area should be under green belt.

Annexure I to NOC Sl. No. – NO172047

**Special Conditions issued to - M/s. Graphite India Limited (Expansion Project) at JL no. 85 & 92, Vill –
Sagarbhanga, Durgapur, Dist – Paschim Brdhaman, West Bengal (Application no. 3484968)**

- 12) Rain water harvesting must be done however recharging of harvested rain water is not allowed under any circumstances.
- 13) All conditions as imposed by SEIAA, West Bengal through their Environmental Clearance issued vide EC Identification No. - EC23B020WB141674, File No. - EN/T-II-1/128/2021, Dated 10.03.2023 shall be strictly complied with.
- 14) Good house-keeping to be maintained.
- 15) This NOC is valid up to **31.03.2030** for setting up the unit.

Mukul/31/03/2023
**Chief Engineer (EIM Cell)
West Bengal Pollution Control Board**

*Chief Engineer
W. B. Pollution Control Board
Dept. of Environment, Govt. of W.B.*

Application No. 3832565
WEST BENGAL POLLUTION CONTROL BOARD

'Paribesh Bhawan'
Bldg. No. - 10A, Block - LA, Sector-III
Salt Lake City, Kolkata-700 098
"Expansion"



Consent Letter Number : CO144055

Memo Number : 594-7/WPBD-Cont (408) 98 (PT-VII) Date : 30/10/2023.

Consent to Operate

under

Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974 and
Section 21 of the Air (Prevention and Control of Pollution) Act, 1981

The West Bengal Pollution Control Board (hereinafter referred to as State Board) under the provisions of Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974, as amended and Section 21 of the Air (Prevention and Control of Pollution) Act, 1981, as amended and Rules and Orders made thereunder, hereby grants its consent to :

M/s. Graphite India Limited

WEST BENGAL

(Address of Regd. office/Head/Office/City Office)

(hereinafter referred to as Applicant) for its unit located at P.O.-Sagarbhanga, Durgapur,
P.S.- Coke Oven, Dist.- Paschim Bardhaman, Pin-713211

for a period from Date of issue

(Detailed address of the manufacturing unit)

30/11/2023

to operate the industrial unit and to discharge liquid effluent and to emit gaseous effluent from the premises/land of the industrial unit, in accordance with the conditions as mentioned in the Annexure to this consent letter provided on any day at any instance the quantity and quality of liquid discharge and gaseous emission shall not exceed the permissible limit as specified in the Table I & II of this consent letter and in the Environmental (Protection) Act, 1986.

Breach of the conditions and / or failure to comply with the directions as set out in the Annexure shall render the applicant liable for prosecution under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981.

The State Board reserve the right to revoke, withdraw or make any reasonable variation / change / alter the conditions of this consent letter giving one month's notice to the applicant.



For and on behalf of the State Board

(Member Secretary/Chief Engr./ Sr. Env. Engr./ Env. Engr./ Asst. Env. Engr.)

R.Sinha 30/10/2023
Environmental Engineer
W. B. Pollution Control Board
Operation & Execution Cell

ANNEXURE

Consent to M/s. Graphite India Limited,
for its unit at P.O.- Sagarbhanga, Durgapur, P.S.-Coke Oven, Distr.- Paschim
Bardhaman, Pin- 713211.

Conditions :

01. This Consent is valid for the manufacture of :-

Sl. No.	Name of major products and by-products	Quantity manufactured per month
01	<u>Finished Graphite Electrode</u>	<u>15000 Ton/Year</u>
02		
03		
04		
05		
06		
07		
08		
09		
10		
11		
12		

02. The *Applicant* shall remain responsible for quantity and quality of liquid effluent and air emissions.

03. **Daily** discharge of industrial liquid effluent shall not exceed KL.

04. **Daily** discharge of domestic liquid effluent shall not exceed KL.

05. **Daily** discharge of mixed (industrial & domestic) liquid effluent shall not exceed KL.

06. The *Applicant* shall discharge liquid effluent to (place of discharge) through nos. outlets / outfalls. *Zero discharge shall be maintained.*

07. To bring into any altered or new outlet/outfall or to change the place of discharge, the *Applicant* shall have to inform the Board and obtain prior permission of the Board in this effect.

08. The *Applicant* shall provide comprehensive facility for treatment of industrial liquid waste and domestic liquid waste (sewage, sullage and liquid effluent generated from canteen), and operate and maintain the same continuously so that the quality of final effluent conforms to the *Standard* as given in Table-I in page 03.

R. Sinha
30/10/2023

(Member Secretary/Chief Engr./ Sr. Env. Engr. / Env. Engr. / Asst. Env. Engr.)

Environmental Engineer
W. B. Pollution Control Board
Continued
Operation & Execution Cell

CO144055

Consent to M/s. Graphite India Limited
 for its unit at P.O. - Sagarbanga, Durgapur, P.S. - Coke Oven, Dist. - Paschim
 Bardhaman, Pin - 713211

Table-I

Outlet No.	Nature of effluent	Parameters	Standard	Frequency of effluent sampling
—	Domestic	pH	Between : 5.5 to 9.0	Half Yearly
—	Industrial	Total Suspended Solids	Not to exceed : 100 mg/l.	
		Biochemical Oxygen Demand (3day at 27°C)	Not to exceed : 30 mg/l.	
		Chemical Oxygen Demand	Not to exceed : 250 mg/l.	
		Oil & Grease	Not to exceed : 10 mg/l.	
		Treated effluent shall be recycled.		

09. The Applicant falls in the Category of the Water (Prevention and Control of Pollution) Cess Act, 1977 and Rules made thereunder and the Applicant shall comply with the provisions of the said Act and Rules made thereunder.

10. Daily water consumption for the following purposes should not exceed :-

- Industrial cooling, spraying in mine pits and boiler feed water → KL
 (Water used for gardening should be included in this category of use)
- Domestic purpose → 1.3 KL
- Processing whereby water gets polluted and the pollutants are easily biodegradable → KL
- Processing whereby water gets polluted and the pollutants are not easily biodegradable → KL

The Applicant shall regularly submit to the Board the Returns of Water Consumption in the prescribed form and pay the Cess as specified under Section 3 of the said Act.

R. N. Sinha
 30/10/2023

(Member Secretary/Chief Engr/ Sr. Env. Engr. / Env. Engr. / Asst. Env. Engr.)

Environmental Engineer
 W. B. Pollution Control Board
 Continued.....
 Operation & Execution Cell

(4)

Consent to M/s. Graphite India Limitedfor its unit at P.O. - Sagarkhanga, Dungarpur, P.s. - Coke Oven, Dist. - Paschim Bandhavgarh, Pin - 713211

11. The *Applicant* shall install suitable device for measuring the volume of water consumed for different purposes as mentioned above giving correct result to the satisfaction of the *State Board*.
12. All the stacks connected to various sources of emissions must be designated by numbers such as S-1, S-2, S-3, etc., and this must be painted/displayed to facilitate identification.
13. The *Applicant* shall install comprehensive control system consisting of pollution control equipment as is warranted with reference to generation of air emissions and operate and maintain the same continuously so as to achieve the level of pollutants of the *Standard* as given in Table-II below :

Table-II

Stack No.	Stack height from GI., (in mts.)	Stack attached to (sources and control system, if any):	Volume Nm ³ /hr.	Velocity of gas emission m/sec	Concentrations of parameters not to exceed					Frequency of emission sampling
					SPM (mg/Nm ³)	CO (%V/V)				
S-1	15	Finishing unit with Bag Filter		30	-					Half-Yearly
S-2	15	Finishing unit (nipple) - Bag Filter		30	-					-Do-
S-3	45	Baking Furnace RH 24 (III) with ESP		30	-					-Do-
S-4	24.3	Stock cleaning machine with Bag Filter		30	-					-Do-
S-5	22.4	Jaw Crusher machine with Bag Filter		30	-					-Do-
S-6	15	500 KVA D.G. Set		150	-					Yearly
S-7	15	500 KVA D.G. Set		150	-					-Do-
S-8	15	500 KVA D.G. Set		150	-					-Do-
S-9										
S-10										

Ranbir
30/10/2023

(Member Secretary/Chief Engr./ Sr. Env. Engr. / Env. Engr. / Asst. Env. Engr.)

Environmental Engineer
W. B. Pollution Control Board
Continued
Operation & Execution Cell

Co144055

(5)

Consent to M/s. Graphite India Limited

for its unit at P.O.- Sagankhanga, Durgapur, P.S.- Coke oven, Dist.- Paschim Bardhaman, Pin- 713211

14. The *Applicant* shall provide ports in the stack(s) and other necessary permanent facilities such as ladder, platform, etc. for monitoring/sampling the air emissions and the same shall be made available for inspection and use by the *State Board*'s staff as well as *State Board*'s authorised agencies.
15. The *Applicant* shall observe the following fuel consumption pattern :-

Sl. No	Type of fuel	Quantity consumed per day	Fuel burning operation where the fuel is used
01	HSD		D.G. Sets.
02			
03			
04			
05			

16. The *Applicant* shall maintain the generation and treatment/disposal of non-hazardous solid waste as specified below :-

Type of waste	Quantity	Treatment	Disposal
Graphite Fines, Graphite Endcut Scrap, Metakite Residue Fines, Ripple Scrap, coke fines, CPC Residue fines.			Sale

17. The *Applicant* shall take adequate measures for control of noise levels from its own sources within the premises within the limit given below :-

Time	Limit in dB(A) L_{eq}
Day Time (06 a.m. to 09 p.m.)	65
Night Time (09 p.m. to 06 a.m.)	55

18. The *Applicant* shall at all times maintain good house-keeping, proper working order, and operate efficiently for control of pollution from all sources so as not to cause nuisance to surrounding areas/inhabitants and to achieve compliance with the terms and conditions of the consent.
19. The *Applicant* shall bring about at least 33% of the available open land under the green coverage / plantation.
20. The *Applicant* shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by the *Applicant* to maintain compliance with the terms and conditions of the consent. In absence of such an alternate electric power source, the *Applicant* shall stop, reduce or otherwise control production to abide by the terms and conditions of the Consent regarding pollution level.
21. The *Applicant* shall install a separate energy meter showing the consumption of energy for operation of pollution control devices.
22. The *Applicant* shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
23. The *Applicant* shall provide drainage system for conveying industrial and domestic liquid waste. Storm-water drain shall be kept separate from the drainage system meant for industrial and domestic liquid waste

Adintha 30/10/2023

(Member Secretary/Chief Engr./ Sr. Env. Engr. / Env. Engr. / Asst. Env. Engr.)

Environmental Engineer
W. B. Pollution Control Board
Continued.....
Operation & Execution Cell

Consent to M/s. Graphite India Limited

for its unit at P.O. - Sagardhanga, Durgapur, F.S. - Coke Ovens, Dist. - Paschim Bardhaman, Pin - 713211

24. The *Applicant* shall maintain a separate register showing consumption of chemicals used in pollution control systems.
25. The *Applicant* shall get the samples of hazardous wastes/leachates analysed at least once in from the laboratory recognised of the West Bengal Pollution Control Board and ensure that they conform to the limits stipulated. Test reports shall be sent to the Board.
26. The *Applicant* shall provide adequate and safe facility for collection of air, waste water and solid waste samples by the *State Board's* staff as well as *State Board's* authorised agencies.
27. The *Applicant* shall submit to the *State Board* by the 30th September of every year the Environmental Statement Report for the financial year ending 31st March of the current year in the prescribed form (Form -V) as required under the provisions of rule 14 of the Environment (Protection) [Second Amendment] rules, 1992.
28. The *Applicant* shall allow the Officers of the *State Board* to enter into the applicant's premises at any reasonable time to inspect the pollution control systems as well as monitoring and measuring devices in connection with prevention & control of pollution.
29. The *Applicant* shall maintain an Inspection Book in the factory premises which shall be made available to Officers & employees of the *State Board* for inspection, review and to write down any direction or observation as is deemed necessary during the inspection from time to time.
30. The *Application* shall furnish to the *State Board* all information in respect of quality, quantity, rate of discharge, place of discharge of liquid effluent and air emissions.
31. The *Applicant* shall maintain adequate number of qualified and trained personnel among his staff for proper maintenance and operation of the effluent treatment and / or emission control devices and for overall environment management of the industry.
32. The *Applicant* shall have to make registration for the use of groundwater if any, with Central Ground Water Authority.
33. The *Applicant* shall intimate to the *State Board* immediately of any occurrence or apprehension of occurrence of discharge of any poisonous, noxious or pollutants in excess of quality as well as quality as mentioned earlier to any receiving water body/receiving system or to atmosphere owing to accident or other unforeseen incident/event including natural disaster. The *Applicant* Shall (i) take all steps adequate to prevent such accident discharge/release of poisonous, noxious or pollutants and to limit their consequences to persons and the environment, (ii) provide to the persons working on the site with the information, training and equipment including antidotes necessary to ensure their safety and mitigate the accidental release of poisonous noxious or pollutants to the environment.
34. The *Applicant* shall make an application to the *State Board* in the prescribed form for renewal of the consent at least 120 sixty days before the date of expiry of this Consent.
35. The *Applicant* shall not make any alteration/modification/expansion in the existing manufacturing process and equipment as well as the pollution control system without prior approval of the Board.
36. The *Applicant* shall comply with the conditions as laid down in the Manufacture, Storage and Import of hazardous Chemicals Rules, 1989 and Hazardous Wastes (Management & Handling) Rules, 1989.

Additional Conditions

1. The unit shall operate in compliance with the EC and CTE conditions.

2. Hazardous wastes shall be disposed off as per HWM Rules, 2016 & Execution Draft

(Member Secretary/Chief Engr./ Sr. Env. Engr. / Env. Engr./ Asst. Env. Engr.)

Rishabh
30/10/2023
Environmental Engineer
W.B. Pollution Control Board
Design & Execution Draft



WEST BENGAL POLLUTION CONTROL BOARD
Paribesh Bhawan, 10A, Block LA, Sector III
Salt Lake City, Bidhan Nagar, Kolkata – 700 106, INDIA
Website : www.wbpcb.gov.in, e-mail : wbpcbnet@wbpcb.gov.in

Category of the Industry : RED

Application Type: CTO

CTO No.: WBPCB/4403447/2023

Date : 05/01/2024

Consent to Operate (CTO) under Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974 as amended and Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 as amended.

Reference: Application No.: 4403447

The West Bengal Pollution Control Board (hereinafter referred to as State Board) under the provisions of Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974 as amended and Section 21 of the Air (Prevention and control of Pollution) Act, 1981 as amended, and Rules and Orders made thereunder hereby grants Consent to **GRAPHITE INDIA LIMITED** (hereinafter referred to as Applicant) for its unit located at **Sagarbhanga, DMC ward no.-28, P.O.- Sagarbhanga, P.S.- Coke Oven, Paschim Bardhaman-713211**, for the period from **05/01/2024** to **30/11/2028** to operate the industrial unit/project and to discharge liquid effluent and gaseous emission from the premises / land of the industrial unit/project, in accordance with the conditions as mentioned below, provided that on any day at any instance the quantity and quality of liquid discharge and gaseous emission shall not exceed the permissible limit as specified in this consent letter and in the Environment (Protection) Act, 1986 and Rules thereunder, as amended.

Breach of the conditions and / or failure to comply with the directions as mentioned below shall render the industry/project liable for prosecution under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 as amended and Section 21 of the Air (Prevention and control of Pollution) Act, 1981 as amended.

The State Board reserve the right to revoke, withdraw or make any reasonable variation / change / alter the conditions of this consent letter giving one month's notice to the industry.

Conditions :

1 This Consent is valid for the following activities :

Sl.No	Name of Activity/Products/By-products	Production Capacity (Per Month)
1	Graphite Electrode	67000 Metric Tonnes/Year

2 The industry shall remain responsible for quantity and quality of liquid effluent and air emission.

3 Daily waste water generation and discharge shall not exceed :

No. of outlets	Source of Waste Water	Quantity in Kilo Liters/day	Place of discharge
	Various sections of the plant and wash basins	154 KLD	Entirely recycled for various plant purposes after treatment
	Sanitation activities of employees	11 KLD	Soakpit via septic tank

4 To bring into any altered or new outlet / outfall or to change the place of discharge, the industry shall have to inform the Board and obtain prior permission of the Board in this effect.

5 The industry shall provide comprehensive facility for treatment of industrial liquid waste and domestic liquid waste (sewage, sullage and liquid effluent generated from canteen), and operate and maintain the same continuously so that the quality of final effluent conforms to the Standard as given below:

Outlet No.	Nature of effluent	Parameters and standard			Frequency of sampling
		Parameters	Standards	Unit	
	Domestic	pH	5.5 - 9.0		-----
		Chemical Oxygen Demand (COD)	250	mg/L	
		Biological Oxygen Demand (BOD)	30	mg/L	
		Total suspended Solid (TSS)	100	mg/L	
		Oil & Grease	10	mg/L	

Provisions shall be made to install sensor-based Water Quality monitoring system and flow meter to share the information with the state board on a Real Time basis.

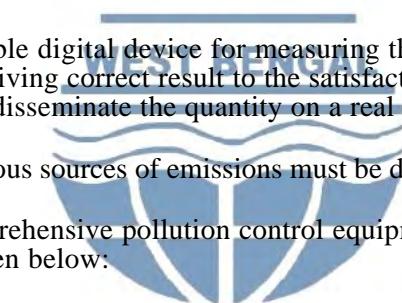
6 Daily water consumption for the following purposes shall not exceed

SL NO.	Purpose of Water Use	Quantity (KL/Day)
1.	Domestic	40.0
2.	Others(Washing)	1.0
3.	Boiler	30.0
4.	Cooling	600.0
5.	Process	135.0
6.	Others(Plantation)	130.0

7 The Industry shall install suitable digital device for measuring the volume of water consumed for different purposes as mentioned above giving correct result to the satisfaction of the State Board. The device shall be able to provide information to disseminate the quantity on a real time basis.

8 All the stacks connected to various sources of emissions must be designated by numbers.

9 The industry shall install comprehensive pollution control equipment and operate and maintain the same to conform to the standard as given below:



Stack height from ground level (m)	Stack attached to emission sources	Capacity of emission source	Fuel details		Control system(if any)	Concentrations of parameters not to exceed						Frequency of sampling	Cons up-Unit	Remarks	
			Fuel used	Quantity		PM(mg/Nm ³)	CO(%)	Acid Mist(mg/Nm ³)	Pb(mg/Nm ³)	SO2(mg/Nm ³)	NOX(mg/Nm ³)	Others			
30	RH baking furnace(14 sec, 42MT /charge)	42	CBM	0 Metric Tonne s/Day	ESP	150	1						Half-yearly	Metric Tonne	
30	Tunnel kiln#1 (Re-baking furnace, 4.6TPH)	4.6	CBM	250 Cubic Meter s/Hour	Incinerator	150	1						Half-yearly	Metric Tonne s/Hour	
30	Tunnel kiln#2 (Re-baking furnace, 4.6TPH)	4.6	CBM	250 Cubic Meter s/Hour	Incinerator	150	1						Half-yearly	Metric Tonne s/Hour	
45	RH#2 baking furnace(24 sec,3.8TPH)	3.8	CBM	90 Cubic Meter s/Hour	ESP	150	1						Half-yearly	Metric Tonne s/Hour	
45	RH#3 baking furnace(24 sec,3.8TPH)	3.8	CBM	105 Cubic Meter s/Hour	ESP	30	1						Half-yearly	Metric Tonne s/Hour	
30	TFH-3 nos. (4 lac-kcal/hr each) [PI#2]	12000 00	CBM	120 Cubic Meter s/Hour		150	1						Half-yearly	KCAL/HOUR	

45	RH#1 (24-section, 80MT/charge) & RH (16-section, 80MT/charge)	160	CBM	Cubic Meter s/Hour	ESP	150	1					Half-yearly	Metri c Tonne	
30	HGG-4nos. (2 lac-kcal/hr each) [PI#2]	800000	CBM	Cubic Meter s/Hour	Water scrub ber	150	1					Half-yearly	KCA L/HO UR	
29.29	Boiler (1.5Ton & 2Ton) [Extrusion#1]	3.5	CBM	86 Cubic Meter s/Hour		100	1					Half-yearly	Metri c Tonne s/Hour	
14.1	DG set (500KVA) [of RH#1 (24-sections)& RH-16 sections)]	500	HSD	0.1 Kilo Liters/Hour		150	1					Yearl y	KVA	
13.91	DG set (630KVA) [For Tunne l Kiln]	630	HSD	1.02 Kilo Liters/Hour		150	1					Yearl y	KVA	
13.2	DG set (500KVA) [For RH#2 (24-sections)]	500	HSD	0.1 Kilo Liters/Hour		150	1					Yearl y	KVA	
13.2	DG set (500KVA) [For RH#2 (24-sections)]	500	HSD	0.1 Kilo Liters/Hour		150	1					Yearl y	KVA	

14.1	DG set (500KVA) [of RH#1 (24-sections)& RH-16 sections)]	500	HSD	0.1 Kilo Liters/Hour		150	1					Yearly	KVA	
8.0	DG set (250KVA) [For LWG #3]	250	HSD	0.05 Kilo Liters/Hour		150	1					Yearly	KVA	
11.5	DG set (500KVA) [For LWG #4]	500	HSD	0.1 Metric Tonne s/Day		150	1					Yearly	KVA	
15.0	DG set (500KVA) [For RH#3, 24-sections]	500	HSD	0.1 Kilo Liters/Hour		150	1					Yearly	KVA	
13.27	DG set (1010 KVA) [For Extrusion#2]	1010	HSD	0.2 Kilo Liters/Hour		150	1					Yearly	KVA	
7.5	DG set (250KVA) [For RH-14 sections]	250	HSD	0.05 Kilo Liters/Hour		150	1					Yearly	KVA	
13.27	DG set (1010 KVA) [For Extrusion#2]	1010	HSD	0.2 Kilo Liters/Hour		150	1					Yearly	KVA	

13.2	DG set (500KVA) [For RH#2, 24-sections]	500	HSD	0.1 Kilo Liters/Hour		150	1					Yearly	KVA	
14.1	DG set (500KVA) [of RH#1 (24-sections)& RH-16 sections)]	500	HSD	0.1 Kilo Liters/Hour		150	1					Yearly	KVA	
14.5	DG set (750KVA) [FOR LWG #5]	750	HSD	0.15 Kilo Liters/Hour		150	1					Yearly	KVA	
13.91	DG set (630KVA) [For Tunne 1 Kiln]	630	HSD	0.12 Kilo Liters/Hour		150	1					Yearly	KVA	
15.0	DG set (500KVA) [For RH#3, 24-sections]	500	HSD	0.1 Kilo Liters/Hour		150	1					Yearly	KVA	
15.0	DG set (500KVA) [For RH#3, 24-sections]	500	HSD	0.1 Kilo Liters/Hour		150	1					Yearly	KVA	
30	Mixture Fume Extractor (North) [Extrusion#1]	0	NA	Metric Tonne s/Day		150						Half-yearly	Metric Tonne s/Day	

15	Finishing Unit# 3 (South Side) Nipple Dust Collector	0	NA	Metri c Tonne s/Day	Bagfil ter	150							Half-yearly	Metri c Tonne s/Day	
22	RH#3 24-section Jaw Crusher Dust Collector	0	NA	Metri c Tonne s/Day	Bagfil ter	30							Half-yearly	Metri c Tonne s/Day	
22	RH#2 24-Section Jaw Crusher Machine Dust Collector	0	NA	Metri c Tonne s/Day		150							Half-yearly	Metri c Tonne s/Day	
15	Extrusion #2 IRIC H (Trem a) Scrubber System	0	NA	Metri c Tonne s/Day	Water scrub ber	150							Half-yearly	Metri c Tonne s/Day	
30	Cooler North (Extrusion# 1)	0	NA	Metri c Tonne s/Day		150							Half-yearly	Metri c Tonne s/Day	
30	Fume Extractor (West side, weigh floor) [Extrusion# 1]	0	NA	Metri c Tonne s/Day	Bagfil ter	150								Metri c Tonne s/Day	
34	Extrusion#2 main dust collector	0	NA	Metri c Tonne s/Day	Bagfil ter	150							Half-yearly	Metri c Tonne s/Day	

16	Raymond Mill Dust Collector (Extrusion# 1)	0	NA	Metri c Tonne s/Day	Bagfil ter	150							Half-yearly	Metri c Tonne s/Day	
15	Scrap System Dust Collector (Extrusion# 1)	0	NA	Metri c Tonne s/Day	Bagfil ter	150							Half-yearly	Metri c Tonne s/Day	
34	Extrusion#2 IRIC H Dust Collector	0	NA	Metri c Tonne s/Day	Bagfil ter	150							Half-yearly	Metri c Tonne s/Day	
15	Core Sampling Dust Collector	0	NA	Metri c Tonne s/Day	Bagfil ter	150							Half-yearly	Metri c Tonne s/Day	
22	Main Dust Collector (Extrusion# 1)	0	NA	Metri c Tonne s/Day	Bagfil ter	150							Half-yearly	Metri c Tonne s/Day	
15	Finishing Dust Collector (Unit# 3)	0	NA	Metri c Tonne s/Day	Bagfil ter	150							Half-yearly	Metri c Tonne s/Day	
15	Extrusion#2 Raymond Mill Dust Collector	0	NA	Metri c Tonne s/Day	Bagfil ter	150							Half-yearly	Metri c Tonne s/Day	
15	Extrusion#2 Silo Dust Collector	0	NA	Metri c Tonne s/Day	Bagfil ter	150							Half-yearly	Metri c Tonne s/Day	

15	RH-16 Stock Cleaning Machine Dust Collector	0	NA	Metri c Tonne s/Day	Bagfil ter	150							Half-yearly	Metri c Tonne s/Day	
15	RH-16 Jaw Crusher Dust Collector	0	NA	Metri c Tonne s/Day	Bagfil ter	150							Half-yearly	Metri c Tonne s/Day	
15	Finishing Unit#2 Nipple line Dust Collector	0	NA	Metri c Tonne s/Day	Bagfil ter	150							Half-yearly	Metri c Tonne s/Day	
15	RH#1 24-Section Stock Cleaning Dust Collector	0	NA	Metri c Tonne s/Day	Bagfil ter	150							Half-yearly	Metri c Tonne s/Day	
15	Carbon Baked Scrap (CBS) Dust Collector	0	NA	Metri c Tonne s/Day	Bagfil ter	150							Half-yearly	Metri c Tonne s/Day	
17.5	Finishing#4, Electrode Line Dust Collector Stack	0	NA	Metri c Tonne s/Day	Bagfil ter	30							Half-yearly	Metri c Tonne s/Day	
22	RH#3 24-Section Stock Cleaning Machine Dust Collector	0	NA	Metri c Tonne s/Day	Bagfil ter	30							Half-yearly	Metri c Tonne s/Day	

30	Hot Gas Generator-4 nos. (6.9MT/charge each) [PI#3]	27.6	CBM	120 Cubic Meter/s/Hour	Water scrubber	150	1					Half-yearly	Metric Tonne	
17.5	Finishing#4, Nipple Line Dust Collector	0	NA	Metric Tonne/s/Day	Bagfilter	30						Half-yearly	Metric Tonne/s/Day	
18	Aches on Dust Collector	0	NA	Metric Tonne/s/Day	Bagfilter	150						Half-yearly	Metric Tonne/s/Day	
17	Extrusion#2 Scrap system Dust collector	0	NA	Metric Tonne/s/Day	Bagfilter	150						Half-yearly	Metric Tonne/s/Day	
30	RH#2 24-section Stock Cleaning Machine Dust Collector	0	NA	Metric Tonne/s/Day	Bagfilter	150						Half-yearly	Metric Tonne/s/Day	
15	Turning-1 Machine Dust Collector	0	NA	Metric Tonne/s/Day	Bagfilter	150						Half-yearly	Metric Tonne/s/Day	
30	Cooler South (Extrusion#1)	0	NA	Metric Tonne/s/Day		150						Half-yearly	Metric Tonne/s/Day	
30	TFH-3 nos. (4 lac-kcal/hr each) [PI#3]	12000 00	CBM	120 Cubic Meter/s/Hour		150						Half-yearly	KCAL/HOUR	

30.5	TFH-3nos. (15 lac-kcal/hr each) [PI#4]	450000	CBM	450 Cubic Meter s/Hou r		150	1					Half-yearly	KCA L/HO UR	
15	Fine screening dust collector (By-product unit)	0	NA	Metri c Tonne s/Day	Bagfil ter	150						Half-yearly	Metri c Tonne s/Day	
15	PI#2 Turning Machine Dust Collector	0	NA	Metri c Tonne s/Day	Bagfil ter	150						Half-yearly	Metri c Tonne s/Day	
15	PI#3 Turning Machine Dust Collector	0	NA	Metri c Tonne s/Day	Bagfil ter	150						Half-yearly	Metri c Tonne s/Day	
30	Mixture Fume Extractor (Sout h) (Extrusion# 1)	0	NA	Metri c Tonne s/Day	Bagfil ter	150						Half-yearly	Metri c Tonne s/Day	
30	TFH-2 nos.(4 lac-kcal/hr each) [Extrusion# 2]	800000	CBM	80 Cubic Meter s/Hou r		150	1					Half-yearly	KCA L/HO UR	
35.8	Pre-Heater (4.8 lac-kcal/hr each) [PI#4]	192000	CBM	240 Cubic Meter s/Hou r		150	1					Half-yearly	KCA L/HO UR	

15.0	Finishing Dust Collector (Unit# 2)	0	NA	Metric Tonnes/Day	Bagfilter	150						Half-yearly	Metric Tonnes/Day	
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10 The industry shall provide ports in the stack(s) and other necessary permanent facilities such as ladder, platform etc. for monitoring / sampling the air emissions and the same shall be made available for inspection and use by the State Board's staff as well as State Board's authorized agencies.

11 Waste generation, treatment and disposal shall be as specified below :

S.No	Description of Waste	Quantity	Treatment and Disposal
1	Kitchen & office wastes	0.1 Metric Tonnes/Day	Through local conservancy
2	Discarded asbestos	574 Kilogram/Month	CHWTSDF
3	ETP sludge	417 Kilogram/Month	CHWTSDF
4	Thermocol wastes	14.75 Kilogram/Month	As per provisions of Plastic Waste Management Rules, 2016 & as amended
5	Used oil	1.5 Kilo Liters/Month	To be given to registered reprocessors or disposed as per provisions of HW Rules
6	Waste oil	1.54 Kilo Liters/Month	To be given to registered reprocessors or disposed as per provisions of HW Rules
7	Discarded paint drums	167 Kilogram/Month	CHWTSDF
8	Oil contaminated cloth/jute	1736 Kilogram/Month	CHWTSDF
9	Wasted plastic sheets (Metwrap)	396 Kilogram/Month	to be given to registered recyclers
10	Coal Tar (from ESP)	40 Metric Tonnes/Month	To be given to registered reprocessors or disposed as per provisions of HW Rules

The Industry shall obtain Authorisation for waste and also register for EPR wherever applicable.

12 The industry shall take adequate measures for control of noise level from its own sources within the premises within the limit given below :

Time	Limit in dB (A) Leq
Day time (06 a.m. to 10 p.m.)	65
Night time (10 p.m. to 06 a.m.)	55

Noise barriers should be installed if the Noise Level is found to be exceeding the desired levels.

13 The industry shall at all times maintain good house-keeping and control pollution (including fugitive emissions) from all sources to maintain clean environment in & around factory premises and in surrounding areas.

14 The Industry shall bring about at least 33% of the total land area under the tree cover.

15 The Industry shall provide sufficient alternate electric power source like Green DG or Storage Battery System etc. to operate all pollution control facilities. In absence of such alternate power source, the production shall be stopped/controlled to conform to the conditions of the Consent.

16 The industry shall install a separate energy meter showing the consumption of energy for operation of pollution control devices and shall install suitable device for measuring the volume of water consumed for different purposes as mentioned in Sl.No. 3.

17 The Industry shall provide drainage system for discharge of industrial and domestic effluent and a separate drainage system for storm-water.

18 The industry shall maintain a separate register showing consumption of chemicals used in pollution control systems.

19 The Industry shall get the samples of hazardous wastes / leachates analysed at least once in a year from a laboratory recognised by the West Bengal Pollution Control Board and ensure that they conform to the limits stipulated. Test reports shall be sent to the Board.

20 The Industry shall submit the Environmental Statement Report for the financial year ending 31st March of the current year in the prescribed form (Form V) as required under the provisions of Rule 14 of the Environment (Protection) [Second Amendment] Rules 1992 by 30th September of every year, to the WBPCB.

21 The Industry shall allow the officers of the State Board to enter into the premises of the unit at any reasonable time to inspect the pollution control systems and shall provide adequate and safe facility for collection of air, wastewater and solid waste samples for monitoring by the State Board as well as by authorized agencies of the State Board, as and when required by them.

22 The industry shall maintain an Inspection Book in the factory premises which shall be made available to inspecting officers of the State Board for inspection, review and to write down any direction or observation as is deemed necessary during the inspection.

23 The Industry shall furnish to the State Board all information in respect of quality, quantity, rate of discharge, place of discharge of liquid effluent and air emission.

24 The Industry shall maintain adequate number of qualified and trained personnel among its staff for proper maintenance and operation of the effluent treatment and/or emission control devices and for overall environment management of the industry.

25 The Industry shall have to make registration for the use of groundwater if any, with State Water Investigation Directorate (SWID).

26 The Industry shall intimate to the State Board immediately of any occurrence or apprehension of occurrence of discharge of any poisonous, noxious or pollutants in excess of quality as well as quantity as mentioned earlier to any receiving water body/receiving system or to atmosphere owing to accident or other unforeseen incident/event including natural disaster. The Applicant shall (i) take all steps adequate to prevent such accident discharge / release of poisonous, noxious or pollutants and to limit their consequences to persons and the environment, (ii) provide to the persons working on the site with the information, training and equipment including antidotes necessary to ensure their safety and mitigate the accidental release of poisonous noxious or pollutants to the environment.

27 If the Industry is using Diesel Generator set or generating any other hazardous waste, it should install a Digital Display Board to discriminate all information as stipulated in this regard.

28 The industry shall make an application to the State Board in the prescribed form for renewal of the consent at least 120 (one hundred & twenty) days before the date of expiry of this Consent.

29 The industry shall not make any alteration / expansion / modification in the existing manufacturing process and equipment, pollution control system and shall not alter or bring in any new outlet/outfall or stack or change the place of discharge, without prior approval of the Board.

30 The industry shall comply with all applicable Environmental Acts and Rules.

31 The Industry shall comply with the provisions of relevant Waste Management Rules and also submit Annual Returns / Manifests on regular basis.

32 Concealing factual data or submission of false or fabricated data/information may result in revocation of Consent to Operate and attract action under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981.

Special Conditions:

1) Unit shall strictly abide by the conditions of the EC identification no. EC23B020WB141674 dtd. 10/3/2023.

- 2) No kind of industrial liquid effluent is permitted to be discharged outside; instead, such effluent to be reused for different plant purposes after proper treatment.
- 3) Unit shall always operate with valid Hazardous Waste Authorization of the State Board.
- 4) Unit shall always operate with efficient functioning of its different air pollution control systems and shall meet the environmental standards on a regular basis. Every measure to be adopted for preventing fugitive emission from its activities.
- 5) Unit shall strictly abide by the DGFT, Ministry of Commerce & Industry, GoI notification no. 42/2015-2020 dtd. 23/10/2018, to be read with MoEF&CC, GoI O.M. no. Q-8011/54/2018-CPA dtd. 10/9/2018, regarding use of Pet Coke. Import of Pet Coke shall not exceed 60,000 Metric Tonne/annum. For the manufacture of Graphite Electrode, Pet Coke to be used only as feed stock to the tune of 70,445 Metric Tonne/annum i.e. 5870.4167 Metric Tonne/month.
- 6) By-products like Graphite fines/scraps, Met-coke residue fines, CPC residue fines, Pitch-coke, etc. to be sold out.
- 7) This consent may be revoked in case of any valid public complaint against the unit for creating environmental hazard and/or for violating environmental norms & conditions.

Any violation of the aforesaid conditions shall entail cancellation of this Consent for Operate.



05/01/2024

**Environmental Engineer
Durgapur Regional Office**

Annexure 2 & 2(a)



WEST BENGAL POLLUTION CONTROL BOARD

(Department of Environment, Govt. of West Bengal)

Paribesh Bhawan

Bldg. No. 10 A, Block-LA, Sector-III, Bidhan Nagar,

Kolkata – 700 098

Tel : 0091 (033) 2335-9088 / 8861 / 8211 / 8073 / 6731

2335-0261 / 8212 / 8213 / 7428 / 5975

Fax : 0091 (033) 2335 6730 / 2813

Website : www.wbpcb.gov.in, e-mail : wbpcbnet@wbpcb.gov.in

Memo No. 114 /2S (HW) –598/99-2000 (Pt-I)

Date: 16.06.2022

FORM 2

Grant of Authorization under the provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

Ref.: Application authorization dated 30.07.2021 for management & handling of Hazardous & Other Waste (Management & Transboundary) Rules, 2016 and its amendment thereafter.

M/s. Graphite India Limited

Sagarbhanga, Durgapur, P.S.: Coke Oven, Paschim Bardhaman-713211 is hereby granted an authorisation for generation, collection, reception, storage, transport, reuse, recycling, recovery, pre-processing, co-processing, utilisation, treatment, disposal, or any other use of hazardous or other wastes or both on the Sagarbhanga, Durgapur, P.S.: Coke Oven, Paschim Bardhaman-713211.

Details of Authorisation:

Sl. no.	Category of Hazardous Waste as per the Schedule I, II and III of these rules	Authorised mode of disposal or recycling or utilization or co-processing etc.	Quantity (MT/ per year)
1.	5.1	Recycling through authorized recyclers.*	13.97 KL
2.	5.2	Disposal to CHWTSDF. *	16.17
3.	3.3	Recycling through authorized recyclers.*	14.39 KL
4.	B1	Disposal to CHWTSDF. *	5.34
5.	33.1	Recycling through authorized recyclers.*	1.55
6.	35.1	Recycling through authorized recyclers / Disposal to CHWTSDF. *	214.90
7.	35.3	Disposal to CHWTSDF. *	3.88

* For detail refer to Specific Conditions.

(1) Authorization shall be valid for a period upto 30.04.2026 with effect from the date of issue

(2) The authorization is subject to the following general and specific conditions:

B. N. Bhattacharya
[Chief Engineer]
West Bengal Pollution Control Board

Chief Engineer
W. B. Pollution Control Board
Dept. of Environment, Govt. of W.B.

A. General conditions of authorization:

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.
3. The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.
4. Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.
5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;
6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on “Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty”
7. It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility.
8. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
9. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
10. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilisation of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorisation.
11. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.
12. An application for the renewal of an authorisation shall be three months before the expiry of such authorisation.
13. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
14. Annual return shall be filed by June 30th every year for the period ending 31st March of that year.

B. Specific conditions:

1. The unit shall store the hazardous wastes (category wise separately) under shade in an environment friendly safe manner within the premises at designated places and the unit shall not store hazardous waste on site for more than 90 days.
2. Waste containing oil (5.2), ETP sludge (35.3) and discarded asbestos (B1) shall be disposed to the CHWTSDF through Manifest system (Form-10).
3. Used oil (5.1), oily sludge (3.3), ESP tarry residue (35.1) and contaminated drums shall be sold through manifest system (Form 10) to the authorized recyclers having valid authorization of the State Pollution Control Board. During each sale, original Pass-book issued by SPCB to the authorized recyclers shall be endorsed mentioning

the quantity and copy of the same shall be kept as record. If not fit for recycling shall be sent to CHWTSDF facility with manifest system.

4. The unit shall submit copies of Form 10 to the State Board on a regular basis.
5. Transport of hazardous and other waste shall be in accordance with the Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016, guidelines issued by the Central Pollution Control Board (CPCB) and rules made under the Motor Vehicle's Act, 1988. The responsibility of safe transport shall be either of the sender or the receiver whosoever arranges the transport and this responsibility shall be clearly indicated in the Manifest.
6. Records of hazardous waste generation, storage and disposal shall be maintained properly as form 3 of Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016, and shall be available to the inspecting officials of the State Board during inspection.
7. The unit shall update regularly the environmental information in Display Boards as per the order of the Hon'ble Supreme Court dated. 14.10.2003 in W.P.(C) NO.657 of 1995.
8. Authorisation will be revoked in case of non-compliances with any of the above conditions.

M/s. Graphite India Limited
Sagarbhanga, Durgapur, P.S.: Coke Oven,
Paschim Bardhaman-713211

Abhilash
[Chief Engineer]
West Bengal Pollution Control Board
Chief Engineer
W. B. Pollution Control Board
Dept. of Environment, Govt. of W.B.

Annexure 2(a)



WEST BENGAL POLLUTION CONTROL BOARD

(Department of Environment, Government of West Bengal)

Paribesh Bhawan, 10A, Block - LA, Sector III, Bidhannagar

Kolkata - 700 106, Ph.: 033-2202-3000

Website: www.wbpcb.gov.in, Email: net.wbpcb-wb@bangla.gov.in

Memo: **36** /2S(HW)-598/99-2000 (Pt-I)

Date: **11.07.2025**

To

M/s Graphite India Limited

P.o. Sagarbhanga, Durgapur, PS: Coke Oven,
Dist: Paschim Bardhaman, Pin: 713211

Sub: Amendment in Authorization under Hazardous & Other Waste (Management & Transboundary Movement) Rules, 2016

Ref: i) Authorization bearing memo no. 114/2S(HW)-598/99-2000 (Pt-I) dated 16.06.2022.
ii) Your letter dated 01.07.2025.

Sir,

With reference to the above, the quantities of hazardous wastes in the existing Authorization issued vide memo no. 114/2S(HW)-598/99-2000 (Pt-I) dated 16.06.2022 are hereby amended as follows:

SI no.	Category of hazardous Waste as per the Schedule I, II and III of HOWM Rules, 2016	Quantity mentioned in Authorization (MT/year)	Amended Quantity (MT/year)
1	5.1	13.97 KL	18.0
2	5.2	16.17	20.833
3	35.1	214.90	480.9
4	B1	5.34	6.886
5	33.1	1.55	2.0
6	3.3	14.39 KL	18.5
7	35.3	3.88	5.0

All other condition of the said Authorization issued vide memo no. 114/2S(HW)-598/99-2000 (Pt-I) dated 16.06.2022 will remain unchanged.

Chief Engineer
Waste Management Cell

Annexure-3

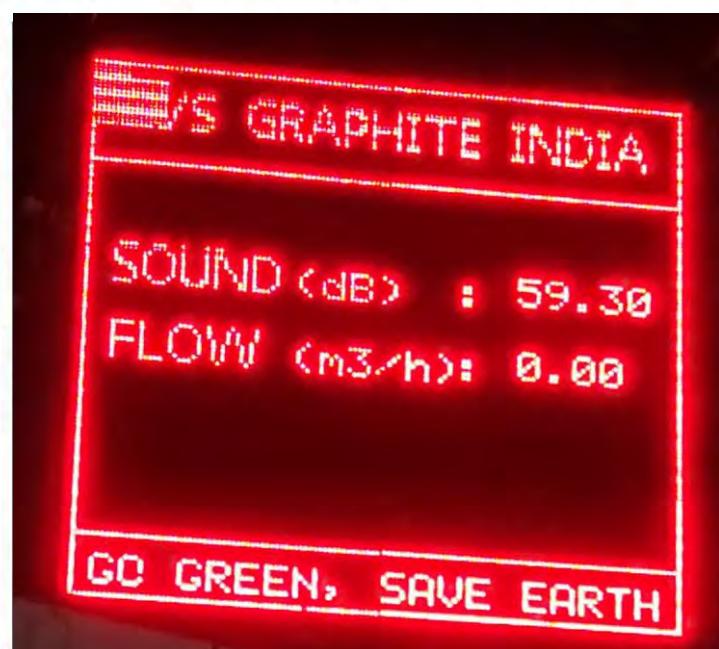
Photos of AAQMS, Ambient Noise Monitoring Station, CEMS & Camera Installed for Online monitoring of “Zero liquid discharge” of Plant

AMBIENT AIR QUALITY MONITORING STATION



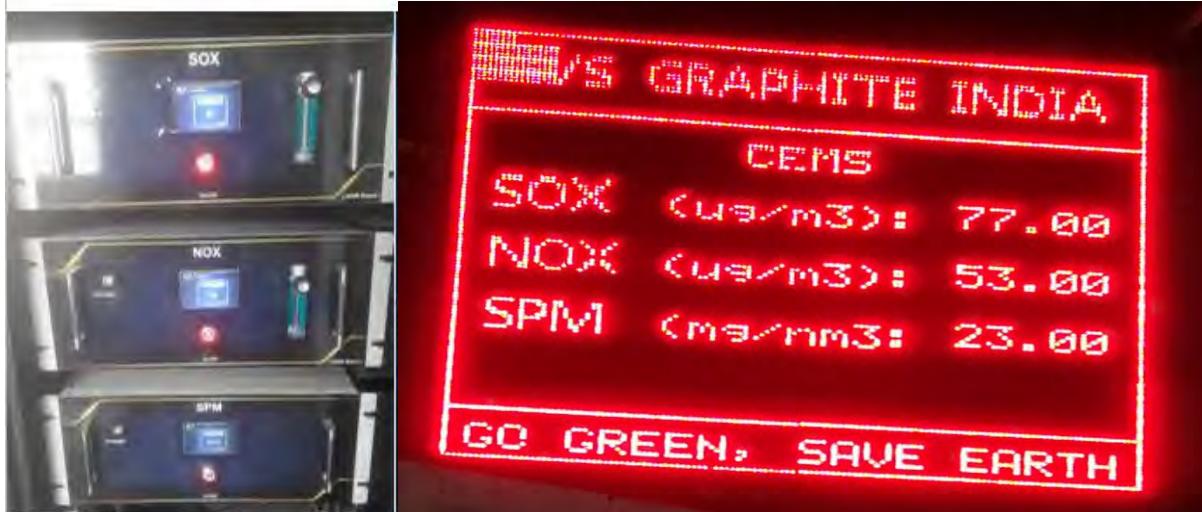
For EC compliance Ambient Air Quality Monitoring Station (AAQMS) with Outside LED Display unit Installed -Commissioning is in process

AMBIENT NOISE LEVEL MONITORING SYSTEM



For EC compliance Ambient Noise level Monitoring Station Installed –
Commissioning is in process

CONTINOUS EMISSION MONITORING STATION (CEMS) INSTALLED AT BAKING RH-24(III) ESP STACK



For EC compliance - Continuous Emission monitoring Station (CEMS) Installed at Baking RH-24(III) ESP Stack – Commissioning is in process

CAMERA INSTALLED FOR ONLINE MONITORING OF PLANT “ZERO LIQUID DISCHARGE”



For EC compliance – Camera installed at the plant outlets for monitoring of “zero liquid discharge” – Commissioning is in process.

Not secure emis.wbpcb.gov.in/airquality/filter_for_aqi.jsp

WhatsApp Cloud-Enviro | Dash... Adobe Acrobat Adobe Acrobat

West Bengal Pollution Control Board
Air Quality Information System

SHOW AIR QUALITY INDEX (AQI)

Choose Options

District: Burdwan(W) Station: Graphite India Plant (AAQMS)-Near Main office Date: Date

Submit Reset

http://emis.wbpcb.gov.in/airquality/filter_for_aqi.jsp

Not secure emis.wbpcb.gov.in/airquality/filter_for_aqi.jsp

WhatsApp Cloud-Enviro | Dash... Adobe Acrobat Adobe Acrobat

West Bengal Pollution Control Board
Air Quality Information System

SHOW AIR QUALITY INDEX (AQI)

Choose Options

District: Burdwan(W) Station: Graphite India Plant (AAQMS)-Near Main office Date: Date

Submit Reset

Not secure emis.wbpcb.gov.in/airquality/filter_for_aqi.jsp

Google Chrome isn't your default browser Set as default

SHOW AIR QUALITY INDEX (AQI)

Choose Options

District: Burdwan(W) Station: Graphite India Plant (AAQMS)-Near Main office Date: 07/08/2025

Submit Reset

AQI for Graphite India Plant (AAQMS)-Near Main office on 07/08/2025

Pollutant	Concentration (µg/m³)	Sub Index
NO2	45	56
PM10	73	73
PM2.5	54	90
SO2	41	51

Air Quality Index (AQI)

Color Code

AQI	Remark	Color Code	Air Quality Index (AQI)	Possible Health Impacts
0-50	Good	Green	0-50	Minimal Impact
51-100	Satisfactory	Yellow-Green	51-100	Minor breathing discomfort to sensitive people
101-200	Moderate	Yellow	101-200	Breathing discomfort to the people with lung, heart disease, children and older adults

Satisfactory

0 90 240

OCMS Data Acquisition and Management System

Create Station

Industry Details Representative Stations Options

Industry Name: GRAPHITE INDIA LIMITED
Industry Category: Others
Industry Location: GRAPHITE INDIA LIMITED, SAGARBHANGA, (B.M.C)
ward no.-29, P.O.-Sagarbhanga, P.S.-Coke Oyen,
Paschim Bardhaman, 713211

+ Add IoT / Data Logger Details

0041WB01769_Emission_RH2_baking_furnace_24se3_stack53_ENE02510	Approved
0041WB01769_Effluent_EXTRUSION_2_FLM12567	Approved
0041WB01769_Effluent_FINISHING_2_FLM12775	Approved

< Previous Save Submit X

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Annexure -3A

AAQMS(PM2.5-SOx)_ENE02711_05_Dec_25_AAQ_DATA

AAQMS(PM10-NOx)_ENE02662_05_Dec_25_AAQ_DATA

Place : Graphite India Limited, SagarBhanga Durgapur 713211

Period Apr25 to Sep25

Date	Time	PM 2.5(ug/m3)	SOx(ug/m3)	Date	Time	PM 10(ug/n)	NOx(ug/m3)
01-04-2025		53.51	40.28	01-04-2025		72.84	45.26
02-04-2025		53.38	40.91	02-04-2025		73.7	44.74
03-04-2025		53.36	40.73	03-04-2025		72.31	44.09
04-04-2025		53.64	41.3	04-04-2025		72.17	45.75
05-04-2025		53.46	41.4	05-04-2025		72.71	45.08
06-04-2025		53.5	40.71	06-04-2025		73.29	44.79
07-04-2025		53.62	40.78	07-04-2025		71.96	44.61
08-04-2025		53.44	40.55	08-04-2025		72.01	44.88
09-04-2025		53.51	40.54	09-04-2025		72.68	45.23
10-04-2025		53.47	41.17	10-04-2025		71.6	45.06
11-04-2025		53.17	40.63	11-04-2025		72.73	44.96
12-04-2025		53.18	40.48	12-04-2025		71.75	44.84
13-04-2025		53.45	41.72	13-04-2025		72.95	45.56
14-04-2025		53.44	41.48	14-04-2025		73.21	44.15
15-04-2025		53.46	41.02	15-04-2025		72.35	44.64
16-04-2025		53.57	41.19	16-04-2025		72.49	45.91
17-04-2025		53.58	40.36	17-04-2025		72.6	45.39
18-04-2025		53.27	40.46	18-04-2025		73.31	45.33
19-04-2025		53.27	41.14	19-04-2025		74.11	44.48
20-04-2025		53	41.18	20-04-2025		72	44.65
21-04-2025		53.33	41.01	21-04-2025		72.27	44.46
22-04-2025		53.61	40.45	22-04-2025		72.7	44.31
23-04-2025		53.81	41.51	23-04-2025		71.92	45.1
24-04-2025		53.6	41.28	24-04-2025		73.42	44.71
25-04-2025		53.29	40.47	25-04-2025		73.14	44.03
26-04-2025		53.72	41.08	26-04-2025		72.46	45.05
27-04-2025		53.36	41.32	27-04-2025		72.6	46.13
28-04-2025		53.06	40.88	28-04-2025		72.5	44.75
29-04-2025		53.38	41.41	29-04-2025		74.1	45.32
30-04-2025		53.09	40.49	30-04-2025		72.68	45.2
01-05-2025		53.7	40.84	01-05-2025		72.47	45.13
02-05-2025		53.02	41.05	02-05-2025		73.32	44.65
03-05-2025		53.79	40.91	03-05-2025		73.17	44.25
04-05-2025		53.37	40.96	04-05-2025		72.12	44.84
05-05-2025		53.52	41.02	05-05-2025		73.25	45.21
06-05-2025		53.22	41.57	06-05-2025		72.36	45.16
07-05-2025		53.74	40.8	07-05-2025		71.39	45.95
08-05-2025		53.26	41.22	08-05-2025		72.2	45.1
09-05-2025		53.29	40.7	09-05-2025		71.74	45.28

10-05-2025	53.35	41.44	10-05-2025	70.82	46.07
11-05-2025	53.03	40.76	11-05-2025	71.76	45.21
12-05-2025	53.24	40.52	12-05-2025	73.28	44.18
13-05-2025	53.25	40.71	13-05-2025	72.25	45.21
14-05-2025	53.19	41.11	14-05-2025	72.44	45.1
15-05-2025	53.47	41.18	15-05-2025	71.55	45.75
16-05-2025	53.54	40.96	16-05-2025	72.55	44.35
17-05-2025	54.14	40.09	17-05-2025	72.47	44.93
18-05-2025	53.56	41.03	18-05-2025	72.36	45.58
19-05-2025	52.93	40.16	19-05-2025	71.47	44.43
20-05-2025	53.14	40.96	20-05-2025	72.52	44.98
21-05-2025	53.09	40.46	21-05-2025	71.96	45.9
22-05-2025	53.26	41.22	22-05-2025	71.37	45.55
23-05-2025	53.17	40.91	23-05-2025	72.56	44.89
24-05-2025	53.28	41.63	24-05-2025	73.25	44.24
25-05-2025	53.5	40.62	25-05-2025	71.94	44.54
26-05-2025	53.85	40.93	26-05-2025	71.89	45
27-05-2025	53.27	40.58	27-05-2025	72.78	45.02
28-05-2025	53.92	40.81	28-05-2025	72.62	44.96
29-05-2025	53.1	40.87	29-05-2025	72.94	45.54
30-05-2025	53.28	41.46	30-05-2025	71.37	45.32
31-05-2025	53.5	41.01	31-05-2025	71.81	44.95
01-06-2025	53.66	40.25	01-06-2025	73.39	45.06
02-06-2025	53.23	41.36	02-06-2025	73.49	44.71
03-06-2025	53.4	40.56	03-06-2025	70.63	45.66
04-06-2025	53.5	41.34	04-06-2025	74.09	44.41
05-06-2025	52.98	40.67	05-06-2025	71.12	44.77
06-06-2025	53.62	41.42	06-06-2025	72.08	44.59
07-06-2025	53.8	40.39	07-06-2025	72.21	45.07
08-06-2025	53.39	40.3	08-06-2025	72.43	44.7
09-06-2025	53.57	41.21	09-06-2025	71.73	45.57
10-06-2025	53.47	40.18	10-06-2025	72.2	44.75
11-06-2025	53.77	41.96	11-06-2025	71.81	44.05
12-06-2025	53.99	40.59	12-06-2025	71.77	45.83
13-06-2025	53.56	41.85	13-06-2025	73.03	45.18
14-06-2025	53.96	40.99	14-06-2025	72.51	45.01
15-06-2025	53.22	40.9	15-06-2025	71.88	45.66
16-06-2025	53.42	41.03	16-06-2025	72.81	44.48
17-06-2025	53.29	40.75	17-06-2025	72.04	44.81
18-06-2025	53.63	40.75	18-06-2025	72.23	44.88
19-06-2025	53.26	40.68	19-06-2025	71.18	44.38
20-06-2025	53.47	40.89	20-06-2025	72.57	44.98
21-06-2025	53.77	39.97	21-06-2025	72.57	46.08
22-06-2025	53.19	40.93	22-06-2025	72.66	44.89
23-06-2025	53.24	41.39	23-06-2025	72.09	45.14
24-06-2025	53.93	40.88	24-06-2025	73.1	45.05
25-06-2025	53.03	41.08	25-06-2025	73.11	45.26
26-06-2025	52.94	40.82	26-06-2025	72.28	45.39

27-06-2025	53.35	41.38	27-06-2025	72.04	45.19
28-06-2025	53.05	41.56	28-06-2025	73.26	45.26
29-06-2025	53.17	40.5	29-06-2025	72.65	46.26
30-06-2025	53.33	40.96	30-06-2025	72.07	44.73
01-07-2025	53.73	41.05	01-07-2025	73.28	45.15
02-07-2025	53.55	41.36	02-07-2025	72.5	44.1
03-07-2025	53.33	40.27	03-07-2025	72.13	44.53
04-07-2025	53.39	40.9	04-07-2025	72.95	44.69
05-07-2025	53.27	41.71	05-07-2025	71.14	44.51
06-07-2025	53.33	40.88	06-07-2025	72.35	46.12
07-07-2025	53.5	40.98	07-07-2025	72.84	44.93
08-07-2025	53.42	40.37	08-07-2025	72.67	44.92
09-07-2025	53.28	40.88	09-07-2025	72.38	44.38
10-07-2025	53.18	41.46	10-07-2025	73.56	44.68
11-07-2025	53.02	40.35	11-07-2025	73.64	45.2
12-07-2025	53.57	41.03	12-07-2025	72.31	44.88
13-07-2025	53.3	40.57	13-07-2025	72.49	45.08
14-07-2025	53.4	41.32	14-07-2025	72.33	45.54
15-07-2025	53.4	40.95	15-07-2025	71.75	44.58
16-07-2025	53.35	41.01	16-07-2025	71.94	45.39
17-07-2025	53.23	40.62	17-07-2025	72.57	45
18-07-2025	53.73	41.04	18-07-2025	71.98	43.85
19-07-2025	53.14	40.39	19-07-2025	72.88	45
20-07-2025	53.51	41.29	20-07-2025	73.03	44.3
21-07-2025	53.04	39.67	21-07-2025	72.36	44.78
22-07-2025	53.54	40.75	22-07-2025	74.29	45.06
23-07-2025	53.6	40.71	23-07-2025	72.67	44.06
24-07-2025	53.33	40.49	24-07-2025	72.78	44.12
25-07-2025	53.47	40.88	25-07-2025	73.05	45.38
26-07-2025	53.15	41.83	26-07-2025	72.67	46.06
27-07-2025	53.63	40.77	27-07-2025	73.17	44.6
28-07-2025	53.38	40.94	28-07-2025	72.04	44.38
29-07-2025	53.76	41.54	29-07-2025	73.03	45
30-07-2025	53.23	41.39	30-07-2025	72.44	44.85
31-07-2025	53.45	41.07	31-07-2025	72.01	44.92
01-08-2025	53.34	40.93	01-08-2025	72.84	44.75
02-08-2025	53.73	40.17	02-08-2025	72.79	44.3
03-08-2025	53.61	40.42	03-08-2025	72.48	44.89
07-08-2025	53.95	41.01	07-08-2025	73.61	44.43
08-08-2025	53.99	40.87	08-08-2025	71.93	45.07
09-08-2025	53.69	41.6	09-08-2025	73.04	45.31
10-08-2025	53.71	41.59	10-08-2025	73.33	45.49
11-08-2025	53.73	41.18	11-08-2025	72.33	45.61
12-08-2025	53.55	40.86	12-08-2025	71.29	45.19
13-08-2025	53.77	40.06	13-08-2025	71.99	44.57
14-08-2025	53.35	39.9	14-08-2025	71.51	44.88
15-08-2025	53.58	41.86	15-08-2025	72.33	44.05
16-08-2025	53.79	41.75	16-08-2025	72.7	45.27

17-08-2025	53.73	40.84	17-08-2025	73.21	44.48
18-08-2025	52.96	42.38	18-08-2025	72.86	44.59
19-08-2025	53.54	41.3	19-08-2025	71.19	44.68
20-08-2025	53.54	40.93	20-08-2025	72.28	44.28
21-08-2025	53.18	40.5	21-08-2025	72.65	45.74
22-08-2025	53.48	41.02	22-08-2025	73	45.48
23-08-2025	53.75	40.25	23-08-2025	71.97	44.98
24-08-2025	53.45	40.74	24-08-2025	73.35	44.62
25-08-2025	53.69	41.87	25-08-2025	72.74	44.9
26-08-2025	52.95	41.65	26-08-2025	72.81	44.14
27-08-2025	53.18	41.2	27-08-2025	73.64	44.96
28-08-2025	53.38	41.52	28-08-2025	72.37	44.53
29-08-2025	53.29	41.62	29-08-2025	72.15	44.7
30-08-2025	53.34	41.23	30-08-2025	71.67	45.14
31-08-2025	53.4	40.42	31-08-2025	73.29	45.39
01-09-2025	53.41	40.68	01-09-2025	72.61	45.46
02-09-2025	53.47	41.22	02-09-2025	71.15	45.32
03-09-2025	53.48	41.33	03-09-2025	71.96	45.68
04-09-2025	53.16	40.19	04-09-2025	73.39	45.11
05-09-2025	53.31	40.98	05-09-2025	72.82	45.72
06-09-2025	53.17	40.4	06-09-2025	72.34	43.81
07-09-2025	53.76	40.7	07-09-2025	73.49	45.71
08-09-2025	53.19	40.81	08-09-2025	72.43	44.36
09-09-2025	53.28	41.08	09-09-2025	72.13	44.45
10-09-2025	53.46	40.49	10-09-2025	71.93	44.38
11-09-2025	52.58	40.46	11-09-2025	72.61	44.69
12-09-2025	53.94	40.64	12-09-2025	72.16	44.63
13-09-2025	53.45	41.39	13-09-2025	72.69	44.79
14-09-2025	53.41	40.49	14-09-2025	72.83	44.49
15-09-2025	53.29	40.78	15-09-2025	72.48	45.22
16-09-2025	53.69	41.44	16-09-2025	72.1	45.66
17-09-2025	53.71	41.72	17-09-2025	72.56	44.82
18-09-2025	53.49	41.29	18-09-2025	72.17	45.06
19-09-2025	52.68	40.98	19-09-2025	73.23	44.48
20-09-2025	53.26	41.61	20-09-2025	72.97	44.71
21-09-2025	53.21	41.62	21-09-2025	71.54	44.56
22-09-2025	53.51	41.34	22-09-2025	72.11	44.73
23-09-2025	53.44	41.47	23-09-2025	72.42	44.76
24-09-2025	53.44	40.79	24-09-2025	72.3	44.12
25-09-2025	53.14	40.86	25-09-2025	72.63	44.17
26-09-2025	53.51	40.87	26-09-2025	73	45.43
27-09-2025	53.18	40.76	27-09-2025	71.95	45.34
28-09-2025	53.52	40.55	28-09-2025	72.01	44.46
29-09-2025	54.25	41.05	29-09-2025	72.75	44.05
30-09-2025	53.51	40.4	30-09-2025	72.22	44.74

CEMS_ENE02510_05_Dec_25_AAQ_DATA

Place : Graphite India Limited, SagarBhanga Durgapur 713211

Period Apr25 to Sep25

Date Time	SOx(mg/nm3)	NOx(mg/nm3)	Suspended Particulate Matter(mg/Nm3)
01-04-2025	78.01	58.54	21.48
02-04-2025	77.94	57.55	21.08
03-04-2025	77.91	57.94	21.36
04-04-2025	78.08	57.67	21.57
05-04-2025	78.03	58.38	21.2
06-04-2025	79.12	59.57	20.71
07-04-2025	78.15	58.57	21.73
08-04-2025	78.78	57.97	22.27
09-04-2025	78.28	58.25	20.89
10-04-2025	77.82	57.69	20.79
11-04-2025	78.53	58.72	21.28
12-04-2025	78.45	59.65	21.53
13-04-2025	79.45	57.85	21.52
14-04-2025	75.26	57.42	20.97
15-04-2025	77.64	57.75	21.22
16-04-2025	79.04	57.82	21.83
17-04-2025	77.61	58.11	20.66
18-04-2025	78.5	58.66	21.66
19-04-2025	79.41	58.29	21.54
20-04-2025	77.49	58.58	20.45
21-04-2025	78.57	57.29	20.6
22-04-2025	79.22	57.28	21.66
23-04-2025	77.64	57.42	21.54
24-04-2025	78.08	58.01	20.71
25-04-2025	78.9	57.27	21.84
26-04-2025	78.45	58.9	21.92
27-04-2025	78.18	58.55	21.77
28-04-2025	79.48	57.87	21.48
29-04-2025	79.01	59.29	21.77
30-04-2025	78.19	59.05	21.32
01-05-2025	78.36	57.82	21.82
02-05-2025	77.56	58.57	21.58
03-05-2025	77.82	59.09	21.03
04-05-2025	77.84	58.27	21.78
05-05-2025	78.53	58.01	21.7
06-05-2025	78.21	58.3	21.09
07-05-2025	78.54	58.03	21.78
08-05-2025	78.52	58.36	21.45
09-05-2025	79.44	59.14	21.47
10-05-2025	77.37	58.37	21.6
11-05-2025	78.52	58.82	21.35

12-05-2025	77.85	58.56	22.04
13-05-2025	77.76	58.61	21.38
14-05-2025	78.2	58.79	21.11
15-05-2025	78.4	58.28	21.41
16-05-2025	78.29	58.73	21.89
17-05-2025	78.39	57.77	21.65
18-05-2025	78.08	58.07	21.74
19-05-2025	78.12	58.27	21.49
20-05-2025	79.54	58.61	21.34
21-05-2025	77.86	57.71	21.53
22-05-2025	78.28	58.75	21.38
23-05-2025	77.48	58.19	21.46
24-05-2025	78.66	58.4	21.71
25-05-2025	77.9	58.77	21.35
26-05-2025	77.56	58.25	21.76
27-05-2025	78.61	58.39	21.72
28-05-2025	78.69	59.55	21.9
29-05-2025	78.03	57.77	21.08
30-05-2025	79.27	59.22	20.79
31-05-2025	78.44	57.19	21.52
01-06-2025	74.95	57.98	21.1
02-06-2025	76.57	59.32	21.09
03-06-2025	79.74	56.92	22.62
04-06-2025	78.38	59	21.48
05-06-2025	74.77	58.09	21.26
06-06-2025	74.62	59.15	20.99
07-06-2025	74.91	57.68	21.15
08-06-2025	75.38	58.93	21.17
09-06-2025	77.94	58.3	21.12
10-06-2025	75.69	57.55	20.88
11-06-2025	78.13	57.88	21.1
12-06-2025	78.88	57.56	22.39
13-06-2025	79.39	57.39	21.51
14-06-2025	77.95	58.29	20.82
15-06-2025	77.86	58.2	21.27
16-06-2025	79.13	59.19	21.15
17-06-2025	78.38	59.71	21.92
18-06-2025	78.38	58.5	21.79
19-06-2025	78.23	57.44	21.95
20-06-2025	77.96	57.62	21.07
21-06-2025	78.21	57.32	21.04
22-06-2025	77.93	57.76	21.67
23-06-2025	78.98	57.51	21.05
24-06-2025	77.88	58.53	20.64
25-06-2025	78.51	57.81	21.47
26-06-2025	78.56	58.24	20.84
27-06-2025	77.59	58.52	21.48
28-06-2025	74.54	58.09	21.47

29-06-2025	79.1	58.51	20.8
30-06-2025	78	58.25	21.8
01-07-2025	77.56	59.39	21.38
02-07-2025	78.9	56.95	21.29
03-07-2025	79.04	58.86	21.08
04-07-2025	78.35	58.26	21.75
05-07-2025	76.46	59.2	20.89
06-07-2025	78.63	58.09	21.68
07-07-2025	77.84	58.55	21.1
08-07-2025	78.68	57.76	21.25
09-07-2025	77.94	58.81	20.98
10-07-2025	77.62	57.83	22.27
11-07-2025	78.68	57.72	21.68
12-07-2025	76.51	57.25	21.27
13-07-2025	77.62	58.38	21.47
14-07-2025	77.21	57.95	21.18
15-07-2025	77.69	57.93	22.22
16-07-2025	78.07	58.32	21.56
17-07-2025	77.86	58.11	22.09
18-07-2025	78.34	58.42	21.68
19-07-2025	78.62	59.04	20.82
20-07-2025	77.93	58.41	22.26
21-07-2025	78.13	58.49	21.57
22-07-2025	78.45	58.72	22.08
23-07-2025	78.01	59.15	21.47
24-07-2025	78.33	57.55	21.37
25-07-2025	78.45	58.57	21.1
26-07-2025	76.21	59.31	20.7
27-07-2025	77.59	58.2	21.83
28-07-2025	78.44	58.27	21.34
29-07-2025	77.95	58.19	21.66
30-07-2025	78.62	57.64	21.04
31-07-2025	79.85	58.47	21.39
01-08-2025	78.88	58.03	21.07
02-08-2025	78.02	58.39	21.93
03-08-2025	77.27	58.16	21.53
04-08-2025	78.28	57.2	21.29
05-08-2025	78.75	58.8	21.45
06-08-2025	77.57	58.39	21.22
07-08-2025	78.74	59.25	21.67
08-08-2025	78.67	57.65	21.74
09-08-2025	80	59.06	21.6
10-08-2025	79.48	56.59	20.97
11-08-2025	78.69	58.58	21
12-08-2025	78.44	57.66	21.41
13-08-2025	78.29	59.09	21.4
14-08-2025	79.17	57.56	21.52
15-08-2025	79.3	58.53	21.45

16-08-2025	75.41	58.4	20.57
17-08-2025	78.19	58.72	21.55
18-08-2025	78.9	58.83	21.72
19-08-2025	76.72	57.62	21.48
20-08-2025	75.96	58.06	21.83
21-08-2025	75.88	57.51	20.78
22-08-2025	78.64	58.28	21.78
23-08-2025	77.8	58.39	22
24-08-2025	78.51	58.27	21.85
25-08-2025	77.95	57.61	21.77
26-08-2025	78.67	57.85	21.2
27-08-2025	78.26	57.23	21.47
28-08-2025	79.12	57.97	21.23
29-08-2025	77.76	57.38	21.37
30-08-2025	78.22	57.37	20.77
31-08-2025	78.25	58.06	21.17
01-09-2025	78.33	58.55	21.36
02-09-2025	77.52	58.98	22.33
03-09-2025	79.21	58.37	21.93
04-09-2025	77.25	57.75	21.41
05-09-2025	77.97	57.26	21.59
06-09-2025	78.39	58.49	20.68
07-09-2025	78.71	58.43	21.62
08-09-2025	78.21	59.26	21.09
09-09-2025	78.11	58.58	22
10-09-2025	77.5	58.74	21.93
11-09-2025	78.8	58.45	21.42
12-09-2025	78.46	58.22	21.76
13-09-2025	76.63	57.27	21.82
14-09-2025	77.86	58.34	21.31
15-09-2025	78.74	58.71	21.47
16-09-2025	78.03	58.34	21.04
17-09-2025	77.75	58.77	20.95
18-09-2025	79.15	57.33	19.42
19-09-2025	79	58.29	16
20-09-2025	44.17	58.54	18.47
21-09-2025	0	58.39	21.7
22-09-2025	0	58.67	21.79
23-09-2025	0	58.43	21.13
24-09-2025	0	59.29	21.91
25-09-2025	0	58.3	25
26-09-2025	0	58.41	25
27-09-2025	0	57.85	25
28-09-2025	0	57.23	25
29-09-2025	0	58.77	25
30-09-2025	0	58.97	25

Flow Meter ID FLM12567
 Site FLM12567-Extrusion 2
 Place Graphite India Limited, Sagar Bhanga Durgapur

Date	Initial Flow (m3)	Final Flow (m3)	Daily Flow (m3)
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03-04-2025	0	0	0
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09-05-2025	0	0	0
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30-09-2025	0	0	0

Timestamp	Totalizer Flow (m3)
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28-09-2025 23:59	0
29-09-2025 00:00	0
29-09-2025 23:59	0
30-09-2025 00:00	0
30-09-2025 23:58	0

Flow Meter ID: FLM12775
 Site: FLM12775. Finishing 3
 Place: Graphite India Limited, Sagar Bhanga Durgapur

Date	Initial Flow (m3)	Final Flow (m3)	Daily Flow (m3)
01-04-2025	0	0	0
02-04-2025	0	0	0
03-04-2025	0	0	0
04-04-2025	0	0	0
05-04-2025	0	0	0
06-04-2025	0	0	0
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TEST REPORT

FORMAT NO : ENV/FR/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	22.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/I	Report No.	:	ENV/65/Aug./TR(A)/I/25-26
Sample Testing Location	:	Permanent Testing						

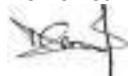
A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	Mat Coke Residue Fines Bins Dust Collector (LWG-5) (Stack No.5)		
Shape of Stack	:	Circular		Height of Stack (mtr.) (from G. L.)
Materials of Construction	:	M.S.		Stack I.D. at sampling point (mtr.)
Capacity	:	--		Height of sampling port (mtr.) (from G.L.)
Emission Due to	:	Process Activity		
Fuel Used	:	--		Permanent Platform & Ladder
Working Fuel Consumption	:	--		
Pollution Control Device	:	Bag Filter		

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	36.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	15.09	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	3787.71	N.A.
5.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	11.55	150.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



 (Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



 (Dr. Ajoy Paul)
 (Quality Manager)

TEST REPORT

FORMAT NO : ENV/FR/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	19.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/II	Report No.	:	ENV/65/Aug./TR(A)/II/25-26
Sample Testing Location	:	Permanent Testing						

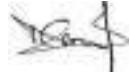
A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	Reid Hammer Furnace (Baking Furnace) (Section-14) (Stack No.12)				
Shape of Stack	:	Circular		Height of Stack (mtr.) (from G. L.)		
Materials of Construction	:	M.S.		Stack I.D. at sampling point (mtr.)		
Capacity	:	--		Height of sampling port (mtr.) (from G.L.)		
Emission Due to	:	Combustion of CBM and Baking of Graphite Electrodes				
Fuel Used	:	C.B.M		Permanent Platform & Ladder	:	Yes
Working Fuel Consumption	:	90 m ³ /hr.				
Pollution Control Device	:	E.S.P				

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	69.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	14.52	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	22660.86	N.A.
5.	Sulfur dioxide	mg/Nm ³	IS 11255 (Part 2)	:	14.20	N.A.
6.	Oxides of Nitrogen	mg/Nm ³	IS 11255 (Part 7)	:	18.50	N.A.
7.	Carbon dioxide by ORSAT App	%	IS 13270	:	3.4	N.A.
8.	Carbon Monoxide	%	IS 13270	:	<1.0	1.0
9.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	11.35	150.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



(Durbadal Chakraborty)
(Dy. Quality Manager)

Authorised Signatory :



(Dr. Ajoy Paul)
(Quality Manager)

TEST REPORT

FORMAT NO : ENV/FR/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	19.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/III	Report No.	:	ENV/65/Aug./TR(A)/III/25-26
Sample Testing Location	:	Permanent Testing						

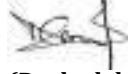
A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	Reid Hammer Furnace (Baking Furnace - 24) (RH - 16 & RH - 1 Section)(Stack No.13)				
Shape of Stack	:	Circular		Height of Stack (mtr.) (from G. L.)		
Materials of Construction	:	M.S.		Stack I.D. at sampling point (mtr.)		
Capacity	:	--		Height of sampling port (mtr.) (from G.L.)		
Emission Due to	:	Combustion of CBM and Baking of Electrodes				
Fuel Used	:	C.B.M		Permanent Platform & Ladder	:	Yes
Working Fuel Consumption	:	170 m ³ /hr.				
Pollution Control Device	:	E.S.P				

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	73.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	15.22	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	119186.47	N.A.
5.	Sulfur dioxide	mg/Nm ³	IS 11255 (Part 2)	:	8.50	N.A.
6.	Oxides of Nitrogen	mg/Nm ³	IS 11255 (Part 7)	:	14.80	N.A.
7.	Carbon dioxide by ORSAT App	%	IS 13270	:	3.6	N.A.
8.	Carbon Monoxide	%	IS 13270	:	<1.0	1.0
9.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	14.12	150.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



 (Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



 (Dr. Ajoy Paul)
 (Quality Manager)

TEST REPORT

FORMAT NO : ENV/FR/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	18.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/IV	Report No.	:	ENV/65/Aug./TR(A)/IV/25-26
Sample Testing Location	:	Permanent Testing						

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	P. I. - Unit - 2 (Thermo Pack Stack) (Stack No.16)		
Shape of Stack	:	Circular		Height of Stack (mtr.) (from G. L.)
Materials of Construction	:	M.S.		Stack I.D. at sampling point (mtr.)
Capacity	:	--		Height of sampling port (mtr.) (from G.L.)
Emission Due to	:	Combustion of CBM		
Fuel Used	:	C.B.M		Permanent Platform & Ladder
Working Fuel Consumption	:	70 m ³ /hr.		
Pollution Control Device	:	Nil		

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	69.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	9.78	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	3818.82	N.A.
5.	Sulfur dioxide	mg/Nm ³	IS 11255 (Part 2)	:	11.20	N.A.
6.	Oxides of Nitrogen	mg/Nm ³	IS 11255 (Part 7)	:	16.50	N.A.
7.	Carbon dioxide by ORSAT App	%	IS 13270	:	3.4	N.A.
8.	Carbon Monoxide	%	IS 13270	:	<1.0	1.0
9.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	17.56	150.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



 (Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



 (Dr. Ajoy Paul)
 (Quality Manager)

TEST REPORT

FORMAT NO : ENV/FR/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	18.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/V	Report No.	:	ENV/65/Aug./TR(A)/V/25-26
Sample Testing Location	:	Permanent Testing						

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	P. I. - Unit - 2 (HGG Stack) (Stack No.17)		
Shape of Stack	:	Circular		Height of Stack (mtr.) (from G. L.)
Materials of Construction	:	M.S.		Stack I.D. at sampling point (mtr.)
Capacity	:	--		Height of sampling port (mtr.) (from G.L.)
Emission Due to	:	Combustion of CBM		
Fuel Used	:	C.B.M		Permanent Platform & Ladder
Working Fuel Consumption	:	70 m ³ /hr.		
Pollution Control Device	:	Water Spray & Cooling Chamber		

B. RESULTS

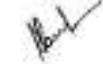
SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	64.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	13.05	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	5057.79	N.A.
5.	Sulfur dioxide	mg/Nm ³	IS 11255 (Part 2)	:	10.50	N.A.
6.	Oxides of Nitrogen	mg/Nm ³	IS 11255 (Part 7)	:	16.20	N.A.
7.	Carbon dioxide by ORSAT App	%	IS 13270	:	3.4	N.A.
8.	Carbon Monoxide	%	IS 13270	:	<1.0	1.0
9.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	11.2	150.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



(Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



(Dr. Ajoy Paul)
 (Quality Manager)

TEST REPORT

FORMAT NO : ENV/FR/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	25.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/VI	Report No.	:	ENV/65/Aug./TR(A)/VI/25-26
Sample Testing Location	:	Permanent Testing						

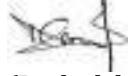
A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	Fine Screening Dust Collector (Unit - 2) (Stack No.20)				
Shape of Stack	:	Circular		Height of Stack (mtr.) (from G. L.)	:	15.0
Materials of Construction	:	M.S.		Stack I.D. at sampling point (mtr.)	:	0.9
Capacity	:	--		Height of sampling port (mtr.) (from G.L.)	:	11.0
Emission Due to	:	Process Activity				
Fuel Used	:	Electrically Operated		Permanent Platform & Ladder	:	Yes
Working Fuel Consumption	:	N.A.				
Pollution Control Device	:	Dual Cyclone Separator & Bag Filter				

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	35.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	14.78	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	32445.30	N.A.
5.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	22.56	150.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



 (Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



 (Dr. Ajoy Paul)
 (Quality Manager)

TEST REPORT

FORMAT NO : ENV/FR/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	21.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/VII	Report No.	:	ENV/65/Aug./TR(A)/VII/25-26
Sample Testing Location	:	Permanent Testing						

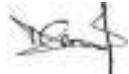
A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	Fine Screening Dust Collector (Stack No.21)				
Shape of Stack	:	Circular		Height of Stack (mtr.) (from G. L.)	:	15.0
Materials of Construction	:	M.S.		Stack I.D. at sampling point (mtr.)	:	0.56
Capacity	:	--		Height of sampling port (mtr.) (from G.L.)	:	6.70
Emission Due to	:	Process Activity				
Fuel Used	:	Electrically Operated		Permanent Platform & Ladder	:	Yes
Working Fuel Consumption	:	N.A.				
Pollution Control Device	:	Bag Filter				

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	34.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	14.43	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	12314.81	N.A.
5.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	22.79	150.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



 (Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



 (Dr. Ajoy Paul)
 (Quality Manager)

TEST REPORT

FORMAT NO : ENV/FR/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	21.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/VIII	Report No.	:	ENV/65/Aug./TR(A)/VIII/25-26
Sample Testing Location	:	Permanent Testing						

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	Tunnel Kiln # 1, Re-Baking Furnace (Stack - 23)		
Shape of Stack	:	Circular		Height of Stack (mtr.) (from G. L.)
Materials of Construction	:	M.S.		Stack I.D. at sampling point (mtr.)
Capacity	:	4.6 TPH		Height of sampling port (mtr.) (from G.L.)
Emission Due to	:	Combustion of CBM Gas		
Fuel Used	:	CBM Gas		Permanent Platform & Ladder
Working Fuel Consumption	:	85 m ³ /hr.		
Pollution Control Device	:	Incinerator		

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	188.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	11.36	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	10952.98	N.A.
5.	Sulfur dioxide	mg/Nm ³	IS 11255 (Part 2)	:	7.80	N.A.
6.	Oxides of Nitrogen	mg/Nm ³	IS 11255 (Part 7)	:	14.10	N.A.
7.	Carbon dioxide by ORSAT App	%	IS 13270	:	3.4	N.A.
8.	Carbon Monoxide	%	IS 13270	:	<1.0	1.0
9.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	6.40	150.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



(Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



(Dr. Ajoy Paul)
 (Quality Manager)

TEST REPORT

FORMAT NO : ENV/FM/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	20.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/IX	Report No.	:	ENV/65/Aug./TR(A)/IX/25-26
Sample Testing Location	:	Permanent Testing						

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	Finishing Dust Collector (Unit - 3) (Stack No.24)				
Shape of Stack	:	Circular		Height of Stack (mtr.) (from G. L.)	:	15.0
Materials of Construction	:	M.S.		Stack I.D. at sampling point (mtr.)	:	0.78
Capacity	:	--		Height of sampling port (mtr.) (from G.L.)	:	9.0
Emission Due to	:	Process Activity				
Fuel Used	:	Electrically Operated		Permanent Platform & Ladder	:	Yes
Working Fuel Consumption	:	--				
Pollution Control Device	:	Cyclone Separator & Bag Filter				

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	37.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	14.50	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	23761.76	N.A.
5.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	38.30	150.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



 (Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



 (Dr. Ajoy Paul)
 (Quality Manager)

TEST REPORT

FORMAT NO : ENV/FM/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	18.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/X	Report No.	:	ENV/65/Aug./TR(A)/X/25-26
Sample Testing Location	:	Permanent Testing						

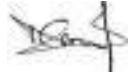
A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	P. I. Unit - 3 (HGG Stack) (Stack No.25)					
Shape of Stack	:	Circular		Height of Stack (mtr.) (from G. L.)	:	30.0	
Materials of Construction	:	M.S.		Stack I.D. at sampling point (mtr.)	:	0.40	
Capacity	:	--		Height of sampling port (mtr.) (from G.L.)	:	28.0	
Emission Due to	:	Combustion of CBM					
Fuel Used	:	CBM		Permanent Platform & Ladder	:	Yes	
Working Fuel Consumption	:	60 m ³ /hr.					
Pollution Control Device	:	Water Spray and Cooling Chamber					

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	55.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	10.96	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	4399.23	N.A.
5.	Sulfur dioxide	mg/Nm ³	IS 11255 (Part 2)	:	16.2	N.A.
6.	Oxides of Nitrogen	mg/Nm ³	IS 11255 (Part 7)	:	23.4	N.A.
7.	Carbon dioxide by ORSAT App	%	IS 13270	:	3.2	N.A.
8.	Carbon Monoxide	%	IS 13270	:	<1.0	1.0
9.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	16.33	150.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



 (Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



 (Dr. Ajoy Paul)
 (Quality Manager)



TEST REPORT

FORMAT NO : ENV/ FM/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	21.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XI	Report No.	:	ENV/65/Aug./TR(A)/XI/25-26
Sample Testing Location	:	Permanent Testing						

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	Tunnel Kiln # 21, Reheating Furnace (Stack No.26)					
Shape of Stack	:	Circular		Height of Stack (mtr.) (from G. L.)	:	30.0	
Materials of Construction	:	M.S.		Stack I.D. at sampling point (mtr.)	:	0.730	
Capacity	:	4.6 TPH		Height of sampling port (mtr.) (from G.L.)	:	18.0	
Emission Due to	:	Combustion of CBM Gas					
Fuel Used	:	CBM Gas		Permanent Platform & Ladder	:	Yes	
Working Fuel Consumption	:	140 kg/hr.					
Pollution Control Device	:	Incinerator					

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	156.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	12.0	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	12433.08	N.A.
5.	Sulfur dioxide	mg/Nm ³	IS 11255 (Part 2)	:	14.20	N.A.
6.	Oxides of Nitrogen	mg/Nm ³	IS 11255 (Part 7)	:	19.60	N.A.
7.	Carbon dioxide by ORSAT App	%	IS 13270	:	3.6	N.A.
8.	Carbon Monoxide	%	IS 13270	:	<1.0	1.0
9.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	14.28	150.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)

Authorised Signatory :

(Dr. Ajoy Paul)
(Quality Manager)

TEST REPORT

FORMAT NO : ENV/FR/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	18.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XII	Report No.	:	ENV/65/Aug./TR(A)/XII/25-26
Sample Testing Location	:	Permanent Testing						

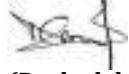
A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	P. I. Unit - 3 (Thermo Pack Stack) (Stack No.27)		
Shape of Stack	:	Circular		Height of Stack (mtr.) (from G. L.)
Materials of Construction	:	M.S.		Stack I.D. at sampling point (mtr.)
Capacity	:	--		Height of sampling port (mtr.) (from G.L.)
Emission Due to		Combustion of CBM		
Fuel Used	:	CBM		Permanent Platform & Ladder
Working Fuel Consumption	:	70 m ³ /hr.		
Pollution Control Device	:	Nil		

B. RESULTS

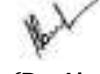
SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	73.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	10.78	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	4161.01	N.A.
5.	Sulfur dioxide	mg/Nm ³	IS 11255 (Part 2)	16.50	N.A.
6.	Oxides of Nitrogen	mg/Nm ³	IS 11255 (Part 7)	14.20	N.A.
7.	Carbon dioxide by ORSAT App	%	IS 13270	3.4	N.A.
8.	Carbon Monoxide	%	IS 13270	<1.0	1.0
9.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	14.58	150.0
Remarks	: Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87]. : N.A. means Not Available. : Result relates only to the sample tested.				

Reviewed By :



(Durbadal Chakraborty)
(Dy. Quality Manager)

Authorised Signatory :



(Dr. Ajoy Paul)
(Quality Manager)

TEST REPORT

FORMAT NO : ENV/FM/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	23.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXXIII	Report No.	:	ENV/65/Aug./TR(A)/XXXIII/25-26
Sample Testing Location	:	Permanent Testing						

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	Extrusion # 2, Thermic Fluid Heater (Stack - 28)			
Shape of Stack	:	Circular	Height of Stack (mtr.) (from G. L.)	:	30.0
Materials of Construction	:	M.S.	Stack I.D. at sampling point (mtr.)	:	0.58
Capacity	:	10 Lac K-Cal/hr.	Height of sampling port (mtr.) (from G.L.)	:	20.0
Emission Due to	:	Combustion of CBM			
Fuel Used	:	CBM	Permanent Platform & Ladder	:	Yes
Working Fuel Consumption	:	50 m ³ /hr.			
Pollution Control Device	:	Nil			

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	48.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	8.46	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	7414.34	N.A.
5.	Sulfur dioxide	mg/Nm ³	IS 11255 (Part 2)	:	12.50	N.A.
6.	Oxides of Nitrogen	mg/Nm ³	IS 11255 (Part 7)	:	18.20	N.A.
7.	Carbon dioxide by ORSAT App	%	IS 13270	:	3.6	N.A.
8.	Carbon Monoxide	%	IS 13270	:	<1.0	1.0
9.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	12.40	150.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



 (Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



 (Dr. Ajoy Paul)
 (Quality Manager)

TEST REPORT

FORMAT NO : ENV/FR/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	23.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXXIV	Report No.	:	ENV/65/Aug./TR(A)/XXXIV/25-26
Sample Testing Location	:	Permanent Testing						

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	Extrusion # 2, IRICH Dust Collector (Stack - 29)		
Shape of Stack	:	Circular		Height of Stack (mtr.) (from G. L.)
Materials of Construction	:	M.S.		Stack I.D. at sampling point (mtr.)
Capacity	:	--		Height of sampling port (mtr.) (from G.L.)
Emission Due to	:	Process Activity		
Fuel Used	:	N.A.		Permanent Platform & Ladder
Working Fuel Consumption	:	Nil		
Pollution Control Device	:	Bag Filter		

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	35.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	10.24	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	2497.66	N.A.
5.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	35.98	150.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



(Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



(Dr. Ajoy Paul)
 (Quality Manager)

TEST REPORT

FORMAT NO : ENV/FR/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	23.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXXV	Report No.	:	ENV/65/Aug./TR(A)/XXXV/25-26
Sample Testing Location	:	Permanent Testing						

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	Extrusion # 2, Main Dust Collector (Stack - 30)		
Shape of Stack	:	Circular		Height of Stack (mtr.) (from G. L.)
Materials of Construction	:	M.S.		Stack I.D. at sampling point (mtr.)
Capacity	:	--		Height of sampling port (mtr.) (from G.L.)
Emission Due to	:	Process Activity		
Fuel Used	:	N.A.		Permanent Platform & Ladder
Working Fuel Consumption	:	Nil		
Pollution Control Device	:	Bag Filter		

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	36.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	13.90	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	37519.13	N.A.
5.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	27.16	150.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



(Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



(Dr. Ajoy Paul)
 (Quality Manager)

TEST REPORT

FORMAT NO : ENV/FR/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	23.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXXVI	Report No.	:	ENV/65/Aug./TR(A)/XXXVI/25-26
Sample Testing Location	:	Permanent Testing						

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	Extrusion # 2, Raymond Mill Dust Collector (Stack - 31)		
Shape of Stack	:	Circular		Height of Stack (mtr.) (from G. L.)
Materials of Construction	:	M.S.		Stack I.D. at sampling point (mtr.)
Capacity	:	--		Height of sampling port (mtr.) (from G.L.)
Emission Due to	:	Process Activity		
Fuel Used	:	N.A.		Permanent Platform & Ladder
Working Fuel Consumption	:	Nil		
Pollution Control Device	:	Bag Filter		

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	38.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	15.15	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	2147.76	N.A.
5.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	16.89	150.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



 (Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



 (Dr. Ajoy Paul)
 (Quality Manager)

TEST REPORT

FORMAT NO : ENV/FR/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	23.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXXVII	Report No.	:	ENV/65/Aug./TR(A)/XXXVII/25-26
Sample Testing Location	:	Permanent Testing						

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	Extrusion # 2, Silo Dust Collector (Stack - 32)		
Shape of Stack	:	Circular		Height of Stack (mtr.) (from G. L.)
Materials of Construction	:	M.S.		Stack I.D. at sampling point (mtr.)
Capacity	:	--		Height of sampling port (mtr.) (from G.L.)
Emission Due to	:	Process Activity		
Fuel Used	:	N.A.		Permanent Platform & Ladder
Working Fuel Consumption	:	Nil		
Pollution Control Device	:	Bag Filter		

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	36.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	20.52	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	19933.84	N.A.
5.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	16.45	150.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



 (Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



 (Dr. Ajoy Paul)
 (Quality Manager)

TEST REPORT

FORMAT NO : ENV/FR/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	25.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXXVIII	Report No.	:	ENV/65/Aug./TR(A)/XXXVIII/25-26
Sample Testing Location	:	Permanent Testing						

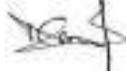
A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	Extrusion # 2, IRICH (Trema) Scrubber (Stack - 33)			
Shape of Stack	:	Circular	Height of Stack (mtr.) (from G. L.)	:	15.0
Materials of Construction	:	M.S.	Stack I.D. at sampling point (mtr.)	:	0.28
Capacity	:	--	Height of sampling port (mtr.) (from G.L.)	:	7.0
Emission Due to	:	Process Activity			
Fuel Used	:	N.A.	Permanent Platform & Ladder	:	Yes
Working Fuel Consumption	:	Nil			
Pollution Control Device	:	Scrubber System			

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	35.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	54.15	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	11512.86	N.A.
5.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	14.95	150.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



(Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



(Dr. Ajoy Paul)
 (Quality Manager)

TEST REPORT

FORMAT NO : ENV/FR/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	22.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XIII	Report No.	:	ENV/65/Aug./TR(A)/XIII/25-26
Sample Testing Location	:	Permanent Testing						

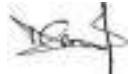
A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	Acheson Dust Collector (Stack - 34)				
Shape of Stack	:	Circular		Height of Stack (mtr.) (from G. L.)	:	18.0
Materials of Construction	:	M.S.		Stack I.D. at sampling point (mtr.)	:	0.6096
Capacity	:	--		Height of sampling port (mtr.) (from G.L.)	:	13.5
Emission Due to	:	Process Activity				
Fuel Used	:	Electrically Operated		Permanent Platform & Ladder	:	Yes
Working Fuel Consumption	:	N.A.				
Pollution Control Device	:	Bag Filter				

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	40.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	13.96	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	36795.06	N.A.
5.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	8.03	150.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



 (Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



 (Dr. Ajoy Paul)
 (Quality Manager)

TEST REPORT

FORMAT NO : ENV/FR/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	25.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXXIX	Report No.	:	ENV/65/Aug./TR(A)/XXXIX/25-26
Sample Testing Location	:	Permanent Testing						

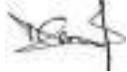
A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	Extrusion # 2, Scrap System Dust (Stack - 35)			
Shape of Stack	:	Circular	Height of Stack (mtr.) (from G. L.)	:	15.0
Materials of Construction	:	M.S.	Stack I.D. at sampling point (mtr.)	:	0.65
Capacity	:	--	Height of sampling port (mtr.) (from G.L.)	:	8.90
Emission Due to	:	Process Activity			
Fuel Used	:	Electrically Operated	Permanent Platform & Ladder	:	Yes
Working Fuel Consumption	:	N.A.			
Pollution Control Device	:	Bag Filter			

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	35.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	13.22	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	15128.41	N.A.
5.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	15.28	150.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



(Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



(Dr. Ajoy Paul)
 (Quality Manager)

TEST REPORT

FORMAT NO : ENV/FR/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	19.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XIV	Report No.	:	ENV/65/Aug./TR(A)/XIV/25-26
Sample Testing Location	:	Permanent Testing						

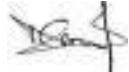
A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	RH - 24 (II) Furnace (Stack - 36)		
Shape of Stack	:	Circular		Height of Stack (mtr.) (from G. L.)
Materials of Construction	:	M.S.		Stack I.D. at sampling point (mtr.)
Capacity	:	80 MT/Charge		Height of sampling port (mtr.) (from G.L.)
Emission Due to	:	Combustion of CBM		
Fuel Used	:	CBM		Permanent Platform & Ladder
Working Fuel Consumption	:	120 m ³ /hr.		
Pollution Control Device	:	E.S.P		

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	87.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	8.97	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	53254.12	N.A.
5.	Sulfur dioxide	mg/Nm ³	IS 11255 (Part 2)	:	12.50	N.A.
6.	Oxides of Nitrogen	mg/Nm ³	IS 11255 (Part 7)	:	14.60	N.A.
7.	Carbon dioxide by ORSAT App	%	IS 13270	:	3.6	N.A.
8.	Carbon Monoxide	%	IS 13270	:	<1.0	1.0
9.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	15.95	150.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



(Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



(Dr. Ajoy Paul)
 (Quality Manager)

TEST REPORT

FORMAT NO : ENV/FR/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	20.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XV	Report No.	:	ENV/65/Aug./TR(A)/XV/25-26
Sample Testing Location	:	Permanent Testing						

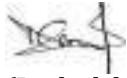
A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	Finishing Unit - 3 (South Side) Nipple Dust Collector (Stack - 37)		
Shape of Stack	:	Circular		Height of Stack (mtr.) (from G. L.)
Materials of Construction	:	M.S.		Stack I.D. at sampling point (mtr.)
Capacity	:	--		Height of sampling port (mtr.) (from G.L.)
Emission Due to	:	Process Activity		
Fuel Used	:	Electrically Operated		Permanent Platform & Ladder
Working Fuel Consumption	:	N.A.		
Pollution Control Device	:	Cyclone Separator & Bag Filter		

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	38.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	13.93	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	18325.94	N.A.
5.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	25.0	150.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



 (Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



 (Dr. Ajoy Paul)
 (Quality Manager)

TEST REPORT

FORMAT NO : ENV/FM/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	20.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XVI	Report No.	:	ENV/65/Aug./TR(A)/XVI/25-26
Sample Testing Location	:	Permanent Testing						

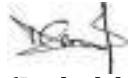
A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	Finishing Unit - 2 (South Side) Nipple Dust Collector (Stack - 38)		
Shape of Stack	:	Circular		Height of Stack (mtr.) (from G. L.)
Materials of Construction	:	M.S.		Stack I.D. at sampling point (mtr.)
Capacity	:	--		Height of sampling port (mtr.) (from G.L.)
Emission Due to	:	Process Activity		
Fuel Used	:	Electrically Operated		Permanent Platform & Ladder
Working Fuel Consumption	:	N.A.		
Pollution Control Device	:	Cyclone Separator & Bag Filter		

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	36.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	19.63	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	19735.49	N.A.
5.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	27.45	150.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



 (Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



 (Dr. Ajoy Paul)
 (Quality Manager)

TEST REPORT

FORMAT NO : ENV/FR/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	19.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XVII	Report No.	:	ENV/65/Aug./TR(A)/XVII/25-26
Sample Testing Location	:	Permanent Testing						

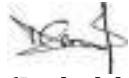
A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	RH - 16, Stock Cleaning Machine Dust Collector (Stack - 39)		
Shape of Stack	:	Rectangular		Height of Stack (mtr.) (from G. L.)
Materials of Construction	:	M.S.		Stack I.D. at sampling point (mtr.)
Capacity	:	--		Height of sampling port (mtr.) (from G.L.)
Emission Due to	:	Process Activity		
Fuel Used	:	Electrically Operated		Permanent Platform & Ladder
Working Fuel Consumption	:	N.A.		
Pollution Control Device	:	Bag Filter		

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	35.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	8.41	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	6877.54	N.A.
5.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	23.90	150.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



 (Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



 (Dr. Ajoy Paul)
 (Quality Manager)

TEST REPORT

FORMAT NO : ENV/FR/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	19.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XVIII	Report No.	:	ENV/65/Aug./TR(A)/XVIII/25-26
Sample Testing Location	:	Permanent Testing						

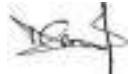
A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	RH - 24 (II) Stock Cleaning Machine Dust Collector (Stack - 40)		
Shape of Stack	:	Circular		Height of Stack (mtr.) (from G. L.)
Materials of Construction	:	M.S.		Stack I.D. at sampling point (mtr.)
Capacity	:	--		Height of sampling port (mtr.) (from G.L.)
Emission Due to	:	Process Activity		
Fuel Used	:	Electrically Operated		Permanent Platform & Ladder
Working Fuel Consumption	:	N.A.		
Pollution Control Device	:	Bag Filter & Cyclone Separator		

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	36.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	7.25	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	8268.19	N.A.
5.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	15.08	150.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



 (Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



 (Dr. Ajoy Paul)
 (Quality Manager)

TEST REPORT

FORMAT NO : ENV/FR/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	19.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XIX	Report No.	:	ENV/65/Aug./TR(A)/XIX/25-26
Sample Testing Location	:	Permanent Testing						

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	Turning - 1 Dust Collector (Stack - 41)				
Shape of Stack	:	Circular		Height of Stack (mtr.) (from G. L.)	:	15.0
Materials of Construction	:	M.S.		Stack I.D. at sampling point (mtr.)	:	0.25
Capacity	:	--		Height of sampling port (mtr.) (from G.L.)	:	3.0
Emission Due to	:	Process Activity				
Fuel Used	:	Electrically Operated		Permanent Platform & Ladder	:	Yes
Working Fuel Consumption	:	N.A.				
Pollution Control Device	:	Cyclone Separator & Bag Filter				

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	36.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	9.36	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	1576.41	N.A.
5.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	16.75	150.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



 (Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



 (Dr. Ajoy Paul)
 (Quality Manager)

TEST REPORT

FORMAT NO : ENV/FR/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	18.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XX	Report No.	:	ENV/65/Aug./TR(A)/XX/25-26
Sample Testing Location	:	Permanent Testing						

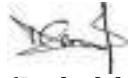
A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	P.I. - 2 Turning Machine Dust Collector (Stack - 42)				
Shape of Stack	:	Circular		Height of Stack (mtr.) (from G. L.)	:	15.0
Materials of Construction	:	M.S.		Stack I.D. at sampling point (mtr.)	:	0.25
Capacity	:	--		Height of sampling port (mtr.) (from G.L.)	:	3.0
Emission Due to	:	Process Activity				
Fuel Used	:	Electrically Operated		Permanent Platform & Ladder	:	Yes
Working Fuel Consumption	:	N.A.				
Pollution Control Device	:	Bag Filter				

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	41.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	10.34	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	1719.09	N.A.
5.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	18.52	150.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



 (Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



 (Dr. Ajoy Paul)
 (Quality Manager)

TEST REPORT

FORMAT NO : ENV/FR/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	18.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXI	Report No.	:	ENV/65/Aug./TR(A)/XXI/25-26
Sample Testing Location	:	Permanent Testing						

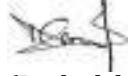
A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	P.I. - 3 Turning Machine Dust Collector (Stack - 43)		
Shape of Stack	:	Circular		Height of Stack (mtr.) (from G. L.)
Materials of Construction	:	M.S.		Stack I.D. at sampling point (mtr.)
Capacity	:	--		Height of sampling port (mtr.) (from G.L.)
Emission Due to	:	Process Activity		
Fuel Used	:	Electrically Operated		Permanent Platform & Ladder
Working Fuel Consumption	:	N.A.		
Pollution Control Device	:	Bag Filter		

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	39.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	9.40	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	1572.81	N.A.
5.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	31.06	150.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



 (Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



 (Dr. Ajoy Paul)
 (Quality Manager)

TEST REPORT

FORMAT NO : ENV/FM/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	22.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXII	Report No.	:	ENV/65/Aug./TR(A)/XXII/25-26
Sample Testing Location	:	Permanent Testing						

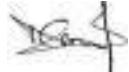
A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	P.I. - 4 (Thermopack Stack) (Stack - 44)		
Shape of Stack	:	Circular		Height of Stack (mtr.) (from G. L.)
Materials of Construction	:	M.S.		Stack I.D. at sampling point (mtr.)
Capacity	:	--		Height of sampling port (mtr.) (from G.L.)
Emission Due to	:	Combustion of CBM Gas		
Fuel Used	:	CBM Gas		Permanent Platform & Ladder
Working Fuel Consumption	:	100 m ³ /hr.		
Pollution Control Device	:	Nil		

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	111.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	9.28	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	18174.57	N.A.
5.	Sulfur dioxide	mg/Nm ³	IS 11255 (Part 2)	:	12.50	N.A.
6.	Oxides of Nitrogen	mg/Nm ³	IS 11255 (Part 7)	:	16.20	N.A.
7.	Carbon dioxide by ORSAT App	%	IS 13270	:	3.4	N.A.
8.	Carbon Monoxide	%	IS 13270	:	<1.0	1.0
9.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	10.06	150.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



 (Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



 (Dr. Ajoy Paul)
 (Quality Manager)

TEST REPORT

FORMAT NO : ENV/FM/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	22.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXIII	Report No.	:	ENV/65/Aug./TR(A)/XXIII/25-26
Sample Testing Location	:	Permanent Testing						

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	P.I. - 4 (Pre-Heater) (Stack - 45)		
Shape of Stack	:	Circular		Height of Stack (mtr.) (from G. L.)
Materials of Construction	:	M.S.		Stack I.D. at sampling point (mtr.)
Capacity	:	--		Height of sampling port (mtr.) (from G.L.)
Emission Due to		Combustion of CBM		
Fuel Used	:	CBM		Permanent Platform & Ladder
Working Fuel Consumption	:	60 m ³ /hr.		
Pollution Control Device	:	Nil		

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	41.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	7.26	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	25487.11	N.A.
5.	Sulfur dioxide	mg/Nm ³	IS 11255 (Part 2)	:	11.50	N.A.
6.	Oxides of Nitrogen	mg/Nm ³	IS 11255 (Part 7)	:	18.20	N.A.
7.	Carbon dioxide by ORSAT App	%	IS 13270	:	3.6	N.A.
8.	Carbon Monoxide	%	IS 13270	:	<1.0	1.0
9.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	11.02	150.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



 (Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



 (Dr. Ajoy Paul)
 (Quality Manager)

TEST REPORT

FORMAT NO : ENV/FM/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	20.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXIV	Report No.	:	ENV/65/Aug./TR(A)/XXIV/25-26
Sample Testing Location	:	Permanent Testing						

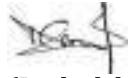
A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	RH - 24 (II) Jaw Crusher Machine Dust Collector (Stack - 46)		
Shape of Stack	:	Circular		Height of Stack (mtr.) (from G. L.)
Materials of Construction	:	M.S.		Stack I.D. at sampling point (mtr.)
Capacity	:	--		Height of sampling port (mtr.) (from G.L.)
Emission Due to	:	Process Activity		
Fuel Used	:	Electrically Operated		Permanent Platform & Ladder
Working Fuel Consumption	:	--		
Pollution Control Device	:	Bag Filter		

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	35.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	10.24	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	6390.78	N.A.
5.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	12.59	150.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



 (Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



 (Dr. Ajoy Paul)
 (Quality Manager)

TEST REPORT

FORMAT NO : ENV/FR/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	19.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXV	Report No.	:	ENV/65/Aug./TR(A)/XXV/25-26
Sample Testing Location	:	Permanent Testing						

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	Raid Hammer - 16 Jaw Crusher Machine Dust Collector (Stack - 47)					
Shape of Stack	:	Circular		Height of Stack (mtr.) (from G. L.)	:	15.0	
Materials of Construction	:	M.S.		Stack I.D. at sampling point (mtr.)	:	0.80	
Capacity	:	--		Height of sampling port (mtr.) (from G.L.)	:	6.4	
Emission Due to	:	Process Activity					
Fuel Used	:	Electrically Operated		Permanent Platform & Ladder	:	Yes	
Working Fuel Consumption	:	--					
Pollution Control Device	:	Bag Filter					

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	34.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	9.33	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	16233.76	N.A.
5.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	17.38	150.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



 (Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



 (Dr. Ajoy Paul)
 (Quality Manager)

TEST REPORT

FORMAT NO : ENV/FR/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	20.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXVI	Report No.	:	ENV/65/Aug./TR(A)/XXVI/25-26
Sample Testing Location	:	Permanent Testing						

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	RS - 24 (I) Stock Cleaning Dust Collector (Stack - 48)			
Shape of Stack	:	Circular	Height of Stack (mtr.) (from G. L.)	:	15.0
Materials of Construction	:	M.S.	Stack I.D. at sampling point (mtr.)	:	0.30
Capacity	:	--	Height of sampling port (mtr.) (from G.L.)	:	4.57
Emission Due to	:	Process Activity			
Fuel Used	:	Electrically Operated	Permanent Platform & Ladder	:	Yes
Working Fuel Consumption	:	--			
Pollution Control Device	:	Bag Filter with Cyclone Separator			

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	37.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	13.91	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	3370.31	N.A.
5.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	12.80	150.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



(Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



(Dr. Ajoy Paul)
 (Quality Manager)

TEST REPORT

FORMAT NO : ENV/FR/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	25.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXVII	Report No.	:	ENV/65/Aug./TR(A)/XXVII/25-26
Sample Testing Location	:	Permanent Testing						

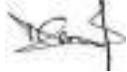
A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	CBS Dust Collector (Stack - 50)		
Shape of Stack	:	Circular		Height of Stack (mtr.) (from G. L.)
Materials of Construction	:	M.S.		Stack I.D. at sampling point (mtr.)
Capacity	:	--		Height of sampling port (mtr.) (from G.L.)
Emission Due to	:	Process Activity		
Fuel Used	:	Electrically Operated		Permanent Platform & Ladder
Working Fuel Consumption	:	--		
Pollution Control Device	:	Bag Filter		

B. RESULT

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	36.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	9.36	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	9096.12	N.A.
5.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	22.96	150.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



(Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



(Dr. Ajoy Paul)
 (Quality Manager)

TEST REPORT

FORMAT NO : ENV/FM/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	22.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXVIII	Report No.	:	ENV/65/Aug./TR(A)/XXVIII/25-26
Sample Testing Location	:	Permanent Testing						

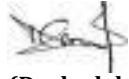
A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	Finishing - 4 Electrode Line Dust Collector Stack (Stack - 51)		
Shape of Stack	:	Circular		Height of Stack (mtr.) (from G. L.)
Materials of Construction	:	M.S.		Stack I.D. at sampling point (mtr.)
Capacity	:	40,000 m ³ /hr.		Height of sampling port (mtr.) (from G.L.)
Emission Due to	:	Process Activity		
Fuel Used	:	Electrically Operated		Permanent Platform & Ladder
Working Fuel Consumption	:	--		
Pollution Control Device	:	Bag Filter & Dual Cyclone Separator		

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	37.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	11.86	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	28835.15	N.A.
5.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	15.91	30.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



 (Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



 (Dr. Ajoy Paul)
 (Quality Manager)

TEST REPORT

FORMAT NO : ENV/FR/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	22.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXIX	Report No.	:	ENV/65/Aug./TR(A)/XXIX/25-26
Sample Testing Location	:	Permanent Testing						

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	Finishing - 4 - Nipple Line Dust Collector Stack (Stack - 52)			
Shape of Stack	:	Circular	Height of Stack (mtr.) (from G. L.)	:	17.5
Materials of Construction	:	M.S.	Stack I.D. at sampling point (mtr.)	:	0.85
Capacity	:	30,000 m ³ /hr.	Height of sampling port (mtr.) (from G.L.)	:	14.0
Emission Due to	:	Process Activity			
Fuel Used	:	Electrically Operated	Permanent Platform & Ladder	:	Yes
Working Fuel Consumption	:	--			
Pollution Control Device	:	Cyclone Separator & Bag Filter			

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	36.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	12.55	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	24518.40	N.A.
5.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	15.34	30.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



 (Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



 (Dr. Ajoy Paul)
 (Quality Manager)

TEST REPORT

FORMAT NO : ENV/FR/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address	:	P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	21.08.2025		
				Date of received	:	27.08.2025		
Sampling Plan & Procedure		ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXX	Report No.	:	ENV/65/Aug./TR(A)/XXX/25-26
Sample Testing Location	:	Permanent Testing						

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	RH - 24 III, E.S.P Stack (Stack - 53)			
Shape of Stack	:	Circular	Height of Stack (mtr.) (from G. L.)	:	45.0
Materials of Construction	:	M.S.	Stack I.D. at sampling point (mtr.)	:	1.60
Capacity	:	80 MT/Charge	Height of sampling port (mtr.) (from G.L.)	:	30.0
Emission Due to	:	Combustion of CBM Gas & Baking of electrode & Nipple			
Fuel Used	:	CBM	Permanent Platform & Ladder	:	Yes
Working Fuel Consumption	:	120 m ³ /hr.			
Pollution Control Device	:	E.S.P			

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	76.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	7.67	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	46253.59	N.A.
5.	Sulfur dioxide	mg/Nm ³	IS 11255 (Part 2)	:	68.50	N.A.
6.	Oxides of Nitrogen	mg/Nm ³	IS 11255 (Part 7)	:	49.20	N.A.
7.	Carbon dioxide by ORSAT App	%	IS 13270	:	3.6	N.A.
8.	Carbon Monoxide	%	IS 13270	:	<1.0	1.0
9.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	26.50	30.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



 (Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



 (Dr. Ajoy Paul)
 (Quality Manager)

TEST REPORT

FORMAT NO : ENV/ FM/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	21.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXXI	Report No.	:	ENV/65/Aug./TR(A)/XXXI/25-26
Sample Testing Location	:	Permanent Testing						

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	RH - 24 - III Jaw Crusher Dust Collector (Stack - 54)			
Shape of Stack	:	Circular	Height of Stack (mtr.) (from G. L.)	:	22.0
Materials of Construction	:	M.S.	Stack I.D. at sampling point (mtr.)	:	0.6
Capacity	:	--	Height of sampling port (mtr.) (from G.L.)	:	14.0
Emission Due to	:	Process Activity			
Fuel Used	:	Electrically Operated	Permanent Platform & Ladder	:	Yes
Working Fuel Consumption	:	--			
Pollution Control Device	:	Cyclone Separator & Bag Filter			

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	36.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	11.46	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	11145.65	N.A.
5.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	10.11	30.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :



 (Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :



 (Dr. Ajoy Paul)
 (Quality Manager)



TEST REPORT

FORMAT NO : ENV/FR/38

Name of the Client	:	Graphite India Ltd.		Type of Industry	:	Graphite Unit		
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211		Sampling date	:	21.08.2025		
				Date of received	:	27.08.2025		
				Date (s) of analysis	:	27.08.2025 - 27.08.2025		
				Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXXII	Report No.	:	ENV/65/Aug./TR(A)/XXXII/25-26
Sample Testing Location	:	Permanent Testing						

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	RH - 24 - III Stock Cleaning Machine Dust Collector (Stack - 55)			
Shape of Stack	:	Circular	Height of Stack (mtr.) (from G. L.)	:	22.0
Materials of Construction	:	M.S.	Stack I.D. at sampling point (mtr.)	:	0.50
Capacity	:	--	Height of sampling port (mtr.) (from G.L.)	:	14.0
Emission Due to	:	Process Activity			
Fuel Used	:	Electrically Operated	Permanent Platform & Ladder	:	Yes
Working Fuel Consumption	:	--			
Pollution Control Device	:	Bag Filter			

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS 11255 (Part 1)	:	35.0	N.A.
2.	Barometric Pressure	mm of Hg.	IS 11255 (Part 1)	:	753.0	N.A.
3.	Velocity of Gas flow	m/s	IS 11255 (Part 1)	:	8.36	N.A.
4.	Quantity of Gas flow	Nm ³ /hr.	IS 11255 (Part 1)	:	5664.42	N.A.
5.	Particulate Matter	mg/Nm ³	IS 11255 (Part 1)	:	19.76	30.0
Remarks	:	Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].				
	:	N.A. means Not Available.				
	:	Result relates only to the sample tested.				

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)

Authorised Signatory :

(Dr. Ajoy Paul)
(Quality Manager)



TEST REPORT

FORMAT NO : ENV/EM/37

Name of the Client	:	Graphite India Ltd.			Type of Industry	:	Graphite Unit	
Address	:	P.O. - Sagarbhanga, Durgapur, Pin - 713211			Sampling date	:	19.08.2025 - 20.08.2025	
					Date of received	:	27.08.2025	
					Date (s) of analysis	:	27.08.2025 - 27.08.2025	
					Date of Issue	:	29.08.2025	
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan		:	No	Type of Sample :	Ambient Air
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXXXIV	Report No.	:	ENV/65/Aug./TR(A)/XXXXIV/25-26
Sample Testing Location	:	Permanent Testing						

A]	GENERAL INFORMATION		
1.	Location of Sampling	:	Near Personal Office (Graphite Old Plant) (West Side of Boundary Wall)
2.	Duration of Sampling	:	24 hrs. (11:10 a.m. - 11:10 a.m.)

B]	METEOROLOGICAL INFORMATION	UNIT	METHOD		OBSERVED VALUE
1.	Temperature	°C	ASTM E 337-02 : Sec.11, Vol. 11.07	:	29.5
2.	Humidity	%	ASTM E 337-02 : Sec.11, Vol. 11.07	:	69.0
3.	Rainfall	mm	IS : 5235 & Specification of Surface Meteorological Instrument, IMD, GOI	:	<0.2

C]	RESULTS	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Fine Particulate Matter (Size less than 2.5 μm of PM2.5	$\mu\text{g}/\text{m}^3$		IS 5182 (Part 24)	46.20	60.0
2.	Respirable Suspended Particulate Matter (Size less than 10 μm of PM10)	$\mu\text{g}/\text{m}^3$		IS 5182 (PART 23)	71.50	100.0
3.	Sulfur Dioxide	$\mu\text{g}/\text{m}^3$		IS 5182 Part 2, Sec.1	12.50	80.0
4.	Nitrogen dioxide	$\mu\text{g}/\text{m}^3$		IS 5182 Part 6	18.50	80.0
5.	Carbon Monoxide	mg/m^3		IS 5182 Part 10 (Non Dispersive Infrared Absorption Method)	0.36	2.0

Remarks	:	Result relates only to the sample tested.
	:	Limit as per National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, the 18 th November, 2009.

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)

Authorised Signatory :

(Dr. Ajoy Paul)
(Quality Manager)



TEST REPORT

FORMAT NO : ENV/EM/37

Name of the Client	:	Graphite India Ltd.			Type of Industry	:	Graphite Unit	
Address	:	P.O. - Sagarbhanga, Durgapur, Pin - 713211			Sampling date	:	18.08.2025 - 19.08.2025	
					Date of received	:	27.08.2025	
					Date (s) of analysis	:	27.08.2025 - 27.08.2025	
					Date of Issue	:	29.08.2025	
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan		:	No	Type of Sample :	Ambient Air
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXXXII	Report No.	:	ENV/65/Aug./TR(A)/XXXXII/25-26
Sample Testing Location	:	Permanent Testing						

A]	GENERAL INFORMATION		
1.	Location of Sampling	:	Near Security Barrack (Old Plant) (North Side of Boundary Wall)
2.	Duration of Sampling	:	24 hrs. (09:30 a.m. - 09:30 a.m.)

B]	METEOROLOGICAL INFORMATION	UNIT	METHOD		OBSERVED VALUE
1.	Temperature	°C	ASTM E 337-02 : Sec.11, Vol. 11.07	:	31.0
2.	Humidity	%	ASTM E 337-02 : Sec.11, Vol. 11.07	:	78.0
3.	Rainfall	mm	IS : 5235 & Specification of Surface Meteorological Instrument, IMD, GOI	:	<0.2

C]	RESULTS	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Fine Particulate Matter (Size less than 2.5 μm of PM2.5	$\mu\text{g}/\text{m}^3$		IS 5182 (Part 24)	40.20	60.0
2.	Respirable Suspended Particulate Matter (Size less than 10 μm of PM10)	$\mu\text{g}/\text{m}^3$		IS 5182 (PART 23)	68.50	100.0
3.	Sulfur Dioxide	$\mu\text{g}/\text{m}^3$		IS 5182 Part 2, Sec.1	16.50	80.0
4.	Nitrogen dioxide	$\mu\text{g}/\text{m}^3$		IS 5182 Part 6	20.0	80.0
5.	Carbon Monoxide	mg/m^3		IS 5182 Part 10 (Non Dispersive Infrared Absorption Method)	0.20	2.0

Remarks	:	Result relates only to the sample tested.
	:	Limit as per National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, the 18 th November, 2009.

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)

Authorised Signatory :

(Dr. Ajoy Paul)
(Quality Manager)



TEST REPORT

FORMAT NO : ENV/EM/37

Name of the Client	:	Graphite India Ltd.			Type of Industry	:	Graphite Unit	
Address	:	P.O. - Sagarbhanga, Durgapur, Pin - 713211			Sampling date	:	18.08.2025 - 19.08.2025	
					Date of received	:	27.08.2025	
					Date (s) of analysis	:	27.08.2025 - 27.08.2025	
					Date of Issue	:	29.08.2025	
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan		:	No	Type of Sample :	Ambient Air
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXXXI	Report No.	:	ENV/65/Aug./TR(A)/XXXXI/25-26
Sample Testing Location	:	Permanent Testing						

A]	GENERAL INFORMATION			
1.	Location of Sampling	:	At the East of LWG - 4 & 5 (East Side Near Boundary Wall - Old Plant)	
2.	Duration of Sampling	:	24 hrs. (10:00 a.m. - 10:00 a.m.)	

B]	METEOROLOGICAL INFORMATION	UNIT	METHOD		OBSERVED VALUE
1.	Temperature	°C	ASTM E 337-02 : Sec.11, Vol. 11.07	:	31.0
2.	Humidity	%	ASTM E 337-02 : Sec.11, Vol. 11.07	:	78.0
3.	Rainfall	mm	IS : 5235 & Specification of Surface Meteorological Instrument, IMD, GOI	:	<0.2

C]	RESULTS	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Fine Particulate Matter (Size less than 2.5 μm of PM2.5	$\mu\text{g}/\text{m}^3$		IS 5182 (Part 24)	39.50	60.0
2.	Respirable Suspended Particulate Matter (Size less than 10 μm of PM10)	$\mu\text{g}/\text{m}^3$		IS 5182 (PART 23)	68.50	100.0
3.	Sulfur Dioxide	$\mu\text{g}/\text{m}^3$		IS 5182 Part 2, Sec.1	16.2	80.0
4.	Nitrogen dioxide	$\mu\text{g}/\text{m}^3$		IS 5182 Part 6	28.20	80.0
5.	Carbon Monoxide	mg/m^3		IS 5182 Part 10 (Non Dispersive Infrared Absorption Method)	0.38	2.0

Remarks	:	Result relates only to the sample tested.
	:	Limit as per National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, the 18 th November, 2009.

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)

Authorised Signatory :

(Dr. Ajoy Paul)
(Quality Manager)

TEST REPORT
FORMAT NO : ENV/EM/37

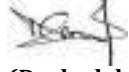
Name of the Client	:	Graphite India Ltd.			Type of Industry	:	Graphite Unit		
Address	:	P.O. - Sagarbhanga, Durgapur, Pin - 713211			Sampling date	:	21.08.2025 - 22.08.2025		
					Date of received	:	27.08.2025		
					Date (s) of analysis	:	27.08.2025 - 27.08.2025		
					Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan		:	No	Type of Sample	:	Ambient Air
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXXXX	Report No.	:	ENV/65/Aug./TR(A)/XXXXX/25-26	
Sample Testing Location	:	Permanent Testing							

A]	GENERAL INFORMATION							
1.	Location of Sampling		:	Center Location (Old Graphite Plant) (West Side of Shipping Unit # 2)				
2.	Duration of Sampling		:	24 hrs. (10:35 a.m. - 10:35 a.m.)				

B]	METEOROLOGICAL INFORMATION	UNIT	METHOD		OBSERVED VALUE
1.	Temperature	°C	ASTM E 337-02 : Sec.11, Vol. 11.07	:	29.0
2.	Humidity	%	ASTM E 337-02 : Sec.11, Vol. 11.07	:	88.0
3.	Rainfall	mm	IS : 5235 & Specification of Surface Meteorological Instrument, IMD, GOI	:	<0.2

C]	RESULTS	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Fine Particulate Matter (Size less than 2.5 μm) of PM2.5	$\mu\text{g}/\text{m}^3$		IS 5182 (Part 24)	54.60	60.0
2.	Respirable Suspended Particulate Matter (Size less than 10 μm) of PM10	$\mu\text{g}/\text{m}^3$		IS 5182 (PART 23)	80.10	100.0
3.	Sulfur Dioxide	$\mu\text{g}/\text{m}^3$		IS 5182 Part 2, Sec.1	14.50	80.0
4.	Nitrogen dioxide	$\mu\text{g}/\text{m}^3$		IS 5182 Part 6	20.0	80.0
5.	Carbon Monoxide	mg/m^3		IS 5182 Part 10 (Non Dispersive Infrared Absorption Method)	0.48	2.0
6.	Lead as Pb	$\mu\text{g}/\text{m}^3$		IS 5182 Part 22	<0.01	1.0
7.	Benzo (a) Pyrene	ng/m^3		IS 5182 Part 12	0.56	1.0
8.	Benzene	$\mu\text{g}/\text{m}^3$		IS 5182 (Part 11) Method 1	1.20	5.0
9.	Ozone	$\mu\text{g}/\text{m}^3$		IS 5182 Part IX	28.50	100.0
10.	Ammonia	$\mu\text{g}/\text{m}^3$		IS 5182 Part 25	<4.18	400.0
11.	Nickel as Ni	ng/m^3		USEPA IO 3.4	<0.02	20.0
12.	Arsenic as As	ng/m^3		USEPA IO 3.4	<0.01	6.0

Remarks : *Result relates only to the sample tested.*
 : *Limit as per National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, the 18th November, 2009.*

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)
Authorised Signatory :

(Dr. Ajoy Paul)
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Overseas : * UAE * Qatar * Netherlands



TEST REPORT

FORMAT NO : ENV/EM/37

Name of the Client	:	Graphite India Ltd.			Type of Industry	:	Graphite Unit	
Address	:	P.O. - Sagarbhanga, Durgapur, Pin - 713211			Sampling date	:	19.08.2025 - 20.08.2025	
					Date of received	:	27.08.2025	
					Date (s) of analysis	:	27.08.2025 - 27.08.2025	
					Date of Issue	:	29.08.2025	
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan		:	No	Type of Sample :	Ambient Air
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXXXVI	Report No.	:	ENV/65/Aug./TR(A)/XXXXVI/25-26
Sample Testing Location	:	Permanent Testing						

A]	GENERAL INFORMATION		
1.	Location of Sampling	:	Near South Side of Tunnel Kiln (South Side of Boundary Wall)
2.	Duration of Sampling	:	24 hrs. (10:20 a.m. - 10:20 a.m.)

B]	METEOROLOGICAL INFORMATION	UNIT	METHOD	OBSERVED VALUE	
1.	Temperature	°C	ASTM E 337-02 : Sec.11, Vol. 11.07	:	29.5
2.	Humidity	%	ASTM E 337-02 : Sec.11, Vol. 11.07	:	69.0
3.	Rainfall	mm	IS : 5235 & Specification of Surface Meteorological Instrument, IMD, GOI	:	<0.2

C]	RESULTS	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Fine Particulate Matter (Size less than 2.5 μm of PM2.5	$\mu\text{g}/\text{m}^3$		IS 5182 (Part 24)	42.60	60.0
2.	Respirable Suspended Particulate Matter (Size less than 10 μm of PM10)	$\mu\text{g}/\text{m}^3$		IS 5182 (PART 23)	71.50	100.0
3.	Sulfur Dioxide	$\mu\text{g}/\text{m}^3$		IS 5182 Part 2, Sec.1	12.50	80.0
4.	Nitrogen dioxide	$\mu\text{g}/\text{m}^3$		IS 5182 Part 6	21.50	80.0
5.	Carbon Monoxide	mg/m^3		IS 5182 Part 10 (Non Dispersive Infrared Absorption Method)	0.38	2.0

Remarks	:	Result relates only to the sample tested.
	:	Limit as per National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, the 18 th November, 2009.

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)

Authorised Signatory :

(Dr. Ajoy Paul)
(Quality Manager)



TEST REPORT

FORMAT NO : ENV/EM/37

Name of the Client	:	Graphite India Ltd.			Type of Industry	:	Graphite Unit	
Address	:	P.O. - Sagarbhanga, Durgapur, Pin - 713211			Sampling date	:	20.08.2025 - 21.08.2025	
					Date of received	:	27.08.2025	
					Date (s) of analysis	:	27.08.2025 - 27.08.2025	
					Date of Issue	:	29.08.2025	
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan		:	No	Type of Sample :	Ambient Air
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXXXVIII	Report No.	:	ENV/65/Aug./TR(A)/XXXXVIII/25-26
Sample Testing Location	:	Permanent Testing						

A]	GENERAL INFORMATION		
1.	Location of Sampling	:	Near Baking Furnace RH # 16 Section (North Side of Boundary Wall)
2.	Duration of Sampling	:	24 hrs. (10:50 a.m. - 10:50 a.m.)

B]	METEOROLOGICAL INFORMATION	UNIT	METHOD	OBSERVED VALUE	
1.	Temperature	°C	ASTM E 337-02 : Sec.11, Vol. 11.07	:	29.0
2.	Humidity	%	ASTM E 337-02 : Sec.11, Vol. 11.07	:	73.0
3.	Rainfall	mm	IS : 5235 & Specification of Surface Meteorological Instrument, IMD, GOI	:	<0.2

C]	RESULTS	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Fine Particulate Matter (Size less than 2.5 μm of PM2.5	$\mu\text{g}/\text{m}^3$		IS 5182 (Part 24)	36.40	60.0
2.	Respirable Suspended Particulate Matter (Size less than 10 μm of PM10)	$\mu\text{g}/\text{m}^3$		IS 5182 (PART 23)	79.40	100.0
3.	Sulfur Dioxide	$\mu\text{g}/\text{m}^3$		IS 5182 Part 2, Sec.1	8.67	80.0
4.	Nitrogen dioxide	$\mu\text{g}/\text{m}^3$		IS 5182 Part 6	19.80	80.0
5.	Carbon Monoxide	mg/m^3		IS 5182 Part 10 (Non Dispersive Infrared Absorption Method)	0.32	2.0

Remarks	:	Result relates only to the sample tested.
	:	Limit as per National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, the 18 th November, 2009.

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)

Authorised Signatory :

(Dr. Ajoy Paul)
(Quality Manager)



TEST REPORT

FORMAT NO : ENV/EM/37

Name of the Client	:	Graphite India Ltd.			Type of Industry	:	Graphite Unit	
Address	:	P.O. - Sagarbhanga, Durgapur, Pin - 713211			Sampling date	:	20.08.2025 - 21.08.2025	
					Date of received	:	27.08.2025	
					Date (s) of analysis	:	27.08.2025 - 27.08.2025	
					Date of Issue	:	29.08.2025	
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan		:	No	Type of Sample :	Ambient Air
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXXXIX	Report No.	:	ENV/65/Aug./TR(A)/XXXXIX/25-26
Sample Testing Location	:	Permanent Testing						

A]	GENERAL INFORMATION		
1.	Location of Sampling	:	Near RH # 24 (II) Section (South Side of Boundary Wall)
2.	Duration of Sampling	:	24 hrs. (10:15 a.m. - 10:15 a.m.)

B]	METEOROLOGICAL INFORMATION	UNIT	METHOD	OBSERVED VALUE
1.	Temperature	°C	ASTM E 337-02 : Sec.11, Vol. 11.07	:
2.	Humidity	%	ASTM E 337-02 : Sec.11, Vol. 11.07	:
3.	Rainfall	mm	IS : 5235 & Specification of Surface Meteorological Instrument, IMD, GOI	:

C]	RESULTS	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Fine Particulate Matter (Size less than 2.5 μm of PM2.5	$\mu\text{g}/\text{m}^3$		IS 5182 (Part 24)	36.20	60.0
2.	Respirable Suspended Particulate Matter (Size less than 10 μm of PM10)	$\mu\text{g}/\text{m}^3$		IS 5182 (PART 23)	67.50	100.0
3.	Sulfur Dioxide	$\mu\text{g}/\text{m}^3$		IS 5182 Part 2, Sec.1	16.50	80.0
4.	Nitrogen dioxide	$\mu\text{g}/\text{m}^3$		IS 5182 Part 6	22.50	80.0
5.	Carbon Monoxide	mg/m^3		IS 5182 Part 10 (Non Dispersive Infrared Absorption Method)	0.26	2.0

Remarks	:	Result relates only to the sample tested.
	:	Limit as per National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, the 18 th November, 2009.

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)

Authorised Signatory :

(Dr. Ajoy Paul)
(Quality Manager)



TEST REPORT

FORMAT NO : ENV/EM/37

Name of the Client	:	Graphite India Ltd.			Type of Industry	:	Graphite Unit	
Address	:	P.O. - Sagarbhanga, Durgapur, Pin - 713211			Sampling date	:	21.08.2025 - 22.08.2025	
					Date of received	:	27.08.2025	
					Date (s) of analysis	:	27.08.2025 - 27.08.2025	
					Date of Issue	:	29.08.2025	
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan		:	No	Type of Sample :	Ambient Air
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXXXXI	Report No.	:	ENV/65/Aug./TR(A)/XXXXXI/25-26
Sample Testing Location	:	Permanent Testing						

A]	GENERAL INFORMATION		
1.	Location of Sampling	:	Extrusion # 2 Campus (South Side of Boundary Wall)
2.	Duration of Sampling	:	24 hrs. (09:50 a.m. - 09:50 a.m.)

B]	METEOROLOGICAL INFORMATION	UNIT	METHOD	OBSERVED VALUE	
1.	Temperature	°C	ASTM E 337-02 : Sec.11, Vol. 11.07	:	29.0
2.	Humidity	%	ASTM E 337-02 : Sec.11, Vol. 11.07	:	88.0
3.	Rainfall	mm	IS : 5235 & Specification of Surface Meteorological Instrument, IMD, GOI	:	<0.2

C]	RESULTS	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Fine Particulate Matter (Size less than 2.5 μm of PM2.5	$\mu\text{g}/\text{m}^3$		IS 5182 (Part 24)	5380	60.0
2.	Respirable Suspended Particulate Matter (Size less than 10 μm of PM10)	$\mu\text{g}/\text{m}^3$		IS 5182 (PART 23)	81.20	100.0
3.	Sulfur Dioxide	$\mu\text{g}/\text{m}^3$		IS 5182 Part 2, Sec.1	11.50	80.0
4.	Nitrogen dioxide	$\mu\text{g}/\text{m}^3$		IS 5182 Part 6	21.60	80.0
5.	Carbon Monoxide	mg/m^3		IS 5182 Part 10 (Non Dispersive Infrared Absorption Method)	0.20	2.0

Remarks	:	Result relates only to the sample tested.
	:	Limit as per National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, the 18 th November, 2009.

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)

Authorised Signatory :

(Dr. Ajoy Paul)
(Quality Manager)



TEST REPORT

FORMAT NO : ENV/EM/37

Name of the Client	:	Graphite India Ltd.			Type of Industry	:	Graphite Unit			
Address	:	P.O. - Sagarbhanga, Durgapur, Pin - 713211			Sampling date	:	22.08.2025 - 23.08.2025			
					Date of received	:	27.08.2025			
					Date (s) of analysis	:	27.08.2025 - 27.08.2025			
					Date of Issue	:	29.08.2025			
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan			:	No	Type of Sample	:	Ambient Air
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXXXXIV	Report No.	:	ENV/65/Aug./TR(A)/XXXXXIV/25-26		
Sample Testing Location	:	Permanent Testing								

A]	GENERAL INFORMATION		
1.	Location of Sampling	:	Extrusion # 2 Campus (Centre Location) (Near Weigh Bridge)
2.	Duration of Sampling	:	24 hrs. (10:20 a.m. - 10:20 a.m.)

B]	METEOROLOGICAL INFORMATION	UNIT	METHOD		OBSERVED VALUE
1.	Temperature	°C	ASTM E 337-02 : Sec.11, Vol. 11.07	:	28.0
2.	Humidity	%	ASTM E 337-02 : Sec.11, Vol. 11.07	:	86.0
3.	Rainfall	mm	IS : 5235 & Specification of Surface Meteorological Instrument, IMD, GOI	:	<0.2

C]	RESULTS	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Fine Particulate Matter (Size less than 2.5 μm) of PM2.5	$\mu\text{g}/\text{m}^3$		IS 5182 (Part 24)	52.60	60.0
2.	Respirable Suspended Particulate Matter (Size less than 10 μm) of PM10	$\mu\text{g}/\text{m}^3$		IS 5182 (PART 23)	81.50	100.0
3.	Sulfur Dioxide	$\mu\text{g}/\text{m}^3$		IS 5182 Part 2, Sec.1	14.20	80.0
4.	Nitrogen dioxide	$\mu\text{g}/\text{m}^3$		IS 5182 Part 6	26.50	80.0
5.	Carbon Monoxide	mg/m^3		IS 5182 Part 10 (Non Dispersive Infrared Absorption Method)	0.42	2.0
6.	Lead as Pb	$\mu\text{g}/\text{m}^3$		IS 5182 Part 22	<0.01	1.0
7.	Benzo (a) Pyrene	ng/m^3		IS 5182 Part 12	0.40	1.0
8.	Benzene	$\mu\text{g}/\text{m}^3$		IS 5182 (Part 11) Method 1	1.14	5.0
9.	Ozone	$\mu\text{g}/\text{m}^3$		IS 5182 Part IX	25.0	100.0
10.	Ammonia	$\mu\text{g}/\text{m}^3$		IS 5182 Part 25	<4.18	400.0
11.	Nickel as Ni	ng/m^3		USEPA IO 3.4	<0.02	20.0
12.	Arsenic as As	ng/m^3		USEPA IO 3.4	<0.01	6.0

Remarks	:	Result relates only to the sample tested.
	:	Limit as per National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, the 18 th November, 2009.

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)

Authorised Signatory :

(Dr. Ajoy Paul)
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 Overseas : * UAE * Qatar * Netherlands

TEST REPORT

FORMAT NO : ENV/EM/37

Name of the Client	:	Graphite India Ltd.			Type of Industry	:	Graphite Unit
Address	:	P.O. - Sagarbhanga, Durgapur, Pin - 713211			Sampling date	:	22.08.2025 - 23.08.2025
					Date of received	:	27.08.2025
					Date (s) of analysis	:	27.08.2025 - 27.08.2025
					Date of Issue	:	29.08.2025
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan			No	Type of Sample : Ambient Air
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXXXXXIII	Report No.	:
Sample Testing Location	:	Permanent Testing					

A]	GENERAL INFORMATION		
1.	Location of Sampling		
2.	Duration of Sampling		

B]	METEOROLOGICAL INFORMATION	UNIT	METHOD	OBSERVED VALUE
1.	Temperature	°C	ASTM E 337-02 : Sec.11, Vol. 11.07	28.0
2.	Humidity	%	ASTM E 337-02 : Sec.11, Vol. 11.07	86.0
3.	Rainfall	mm	IS : 5235 & Specification of Surface Meteorological Instrument, IMD, GOI	<0.2

C]	RESULTS	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Fine Particulate Matter (Size less than 2.5 μm of PM2.5	$\mu\text{g}/\text{m}^3$		IS 5182 (Part 24)	46.50	60.0
2.	Respirable Suspended Particulate Matter (Size less than 10 μm of PM10)	$\mu\text{g}/\text{m}^3$		IS 5182 (PART 23)	74.10	100.0
3.	Sulfur Dioxide	$\mu\text{g}/\text{m}^3$		IS 5182 Part 2, Sec.1	12.60	80.0
4.	Nitrogen dioxide	$\mu\text{g}/\text{m}^3$		IS 5182 Part 6	21.50	80.0
5.	Carbon Monoxide	mg/m^3		IS 5182 Part 10 (Non Dispersive Infrared Absorption Method)	0.36	2.0

Remarks	:	Result relates only to the sample tested.
	:	Limit as per National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, the 18 th November, 2009.

Reviewed By :



(Durbadal Chakraborty)
(Dy. Quality Manager)

Authorised Signatory :



(Dr. Ajoy Paul)
(Quality Manager)



TEST REPORT

FORMAT NO : ENV/EM/37

Name of the Client	:	Graphite India Ltd.			Type of Industry	:	Graphite Unit	
Address	:	P.O. - Sagarbhanga, Durgapur, Pin - 713211			Sampling date	:	21.08.2025 - 22.08.2025	
					Date of received	:	27.08.2025	
					Date (s) of analysis	:	27.08.2025 - 27.08.2025	
					Date of Issue	:	29.08.2025	
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan		:	No	Type of Sample :	Ambient Air
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXXXXI	Report No.	:	ENV/65/Aug./TR(A)/XXXXXI/25-26
Sample Testing Location	:	Permanent Testing						

A]	GENERAL INFORMATION		
1.	Location of Sampling	:	Extrusion # 2 Campus (North Side of Boundary Wall)
2.	Duration of Sampling	:	24 hrs. (11:00 a.m. - 11:00 a.m.)

B]	METEOROLOGICAL INFORMATION	UNIT	METHOD	OBSERVED VALUE	
1.	Temperature	°C	ASTM E 337-02 : Sec.11, Vol. 11.07	:	29.0
2.	Humidity	%	ASTM E 337-02 : Sec.11, Vol. 11.07	:	88.0
3.	Rainfall	mm	IS : 5235 & Specification of Surface Meteorological Instrument, IMD, GOI	:	<0.2

C]	RESULTS	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Fine Particulate Matter (Size less than 2.5 μm) of PM2.5	$\mu\text{g}/\text{m}^3$		IS 5182 (Part 24)	48.50	60.0
2.	Respirable Suspended Particulate Matter (Size less than 10 μm) of PM10	$\mu\text{g}/\text{m}^3$		IS 5182 (PART 23)	76.20	100.0
3.	Sulfur Dioxide	$\mu\text{g}/\text{m}^3$		IS 5182 Part 2, Sec.1	14.20	80.0
4.	Nitrogen dioxide	$\mu\text{g}/\text{m}^3$		IS 5182 Part 6	26.50	80.0
5.	Carbon Monoxide	mg/m^3		IS 5182 Part 10 (Non Dispersive Infrared Absorption Method)	0.38	2.0

Remarks	:	Result relates only to the sample tested.
	:	Limit as per National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, the 18 th November, 2009.

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)

Authorised Signatory :

(Dr. Ajoy Paul)
(Quality Manager)



TEST REPORT

FORMAT NO : ENV/EM/37

Name of the Client	:	Graphite India Ltd.			Type of Industry	:	Graphite Unit	
Address	:	P.O. - Sagarbhanga, Durgapur, Pin - 713211			Sampling date	:	22.08.2025 - 23.08.2025	
					Date of received	:	27.08.2025	
					Date (s) of analysis	:	27.08.2025 - 27.08.2025	
					Date of Issue	:	29.08.2025	
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan		:	No	Type of Sample :	Ambient Air
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXXXXXII	Report No.	:	ENV/65/Aug./TR(A)/XXXXXXII/25-26
Sample Testing Location	:	Permanent Testing						

A]	GENERAL INFORMATION		
1.	Location of Sampling	:	Extrusion # 2 Campus (West Side of Boundary Wall)
2.	Duration of Sampling	:	24 hrs. (09:00 a.m. - 09:00 a.m.)

B]	METEOROLOGICAL INFORMATION	UNIT	METHOD	OBSERVED VALUE	
1.	Temperature	°C	ASTM E 337-02 : Sec.11, Vol. 11.07	:	28.0
2.	Humidity	%	ASTM E 337-02 : Sec.11, Vol. 11.07	:	86.0
3.	Rainfall	mm	IS : 5235 & Specification of Surface Meteorological Instrument, IMD, GOI	:	<0.2

C]	RESULTS	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Fine Particulate Matter (Size less than 2.5 μm of PM2.5	$\mu\text{g}/\text{m}^3$		IS 5182 (Part 24)	41.20	60.0
2.	Respirable Suspended Particulate Matter (Size less than 10 μm of PM10)	$\mu\text{g}/\text{m}^3$		IS 5182 (PART 23)	78.50	100.0
3.	Sulfur Dioxide	$\mu\text{g}/\text{m}^3$		IS 5182 Part 2, Sec.1	11.50	80.0
4.	Nitrogen dioxide	$\mu\text{g}/\text{m}^3$		IS 5182 Part 6	20.0	80.0
5.	Carbon Monoxide	mg/m^3		IS 5182 Part 10 (Non Dispersive Infrared Absorption Method)	0.42	2.0

Remarks	:	Result relates only to the sample tested.
	:	Limit as per National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, the 18 th November, 2009.

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)

Authorised Signatory :

(Dr. Ajoy Paul)
(Quality Manager)

TEST REPORT
FORMAT NO : ENV/EM/37

Name of the Client	:	Graphite India Ltd.			Type of Industry	:	Graphite Unit			
Address	:	P.O. - Sagarbhanga, Durgapur, Pin - 713211			Sampling date	:	18.08.2025 - 19.08.2025			
					Date of received	:	27.08.2025			
					Date (s) of analysis	:	27.08.2025 - 27.08.2025			
					Date of Issue	:	29.08.2025			
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan			:	No	Type of Sample	:	Ambient Air
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXXXIII	Report No.	:	ENV/65/Aug./TR(A)/XXXXIII/25-26		
Sample Testing Location	:	Permanent Testing								

A] GENERAL INFORMATION	
1.	Location of Sampling
2.	Duration of Sampling

B] METEOROLOGICAL INFORMATION		UNIT	METHOD		OBSERVED VALUE
1.	Temperature	°C	ASTM E 337-02 : Sec.11, Vol. 11.07	:	31.0
2.	Humidity	%	ASTM E 337-02 : Sec.11, Vol. 11.07	:	78.0
3.	Rainfall	mm	IS : 5235 & Specification of Surface Meteorological Instrument, IMD, GOI	:	<0.2

C] RESULTS		PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Fine Particulate Matter (Size less than 2.5 μm) of PM2.5	$\mu\text{g}/\text{m}^3$	IS 5182 (Part 24)		38.50	60.0
2.	Respirable Suspended Particulate Matter (Size less than 10 μm) of PM10	$\mu\text{g}/\text{m}^3$	IS 5182 (PART 23)		64.80	100.0
3.	Sulfur Dioxide	$\mu\text{g}/\text{m}^3$	IS 5182 Part 2, Sec.1		16.20	80.0
4.	Nitrogen dioxide	$\mu\text{g}/\text{m}^3$	IS 5182 Part 6		24.50	80.0
5.	Carbon Monoxide	mg/m^3	IS 5182 Part 10 (Non Dispersive Infrared Absorption Method)		0.38	2.0
6.	Lead as Pb	$\mu\text{g}/\text{m}^3$	IS 5182 Part 22		<0.01	1.0
7.	Benzo (a) Pyrene	ng/m^3	IS 5182 Part 12		0.46	1.0
8.	Benzene	$\mu\text{g}/\text{m}^3$	IS 5182 (Part 11) Method 1		1.10	5.0
9.	Ozone	$\mu\text{g}/\text{m}^3$	IS 5182 Part IX		23.50	100.0
10.	Ammonia	$\mu\text{g}/\text{m}^3$	IS 5182 Part 25		<4.18	400.0
11.	Nickel as Ni	ng/m^3	USEPA IO 3.4		<0.02	20.0
12.	Arsenic as As	ng/m^3	USEPA IO 3.4		<0.01	6.0

Remarks : *Result relates only to the sample tested.*
 : *Limit as per National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, the 18th November, 2009.*

Reviewed By :


(Durbadal Chakraborty)
 (Dy. Quality Manager)

Authorised Signatory :


(Dr. Ajoy Paul)
 (Quality Manager)

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 { 033-25792891/25497490, Fax : 033-25299141
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Branch Office : * Siliguri * Haldia * Durgapur * Dhanbad * Gangtok * Port Blair * Dehradun * New Delhi
Overseas : * UAE * Qatar * Netherlands

TEST REPORT
FORMAT NO : ENV/EM/37

Name of the Client	:	Graphite India Ltd.			Type of Industry	:	Graphite Unit		
Address	:	P.O. - Sagarbhanga, Durgapur, Pin - 713211			Sampling date	:	18.08.2025 - 19.08.2025		
					Date of received	:	27.08.2025		
					Date (s) of analysis	:	27.08.2025 - 27.08.2025		
					Date of Issue	:	29.08.2025		
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan		:	No	Type of Sample	:	Ambient Air
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXXX	Report No.	:	ENV/65/Aug./TR(A)/XXXX/25-26	
Sample Testing Location	:	Permanent Testing							

A]	GENERAL INFORMATION		
1.	Location of Sampling	:	Outside Boundary Wall of Old Plant [Near RH # 24 (III) (North - East Side) (As per EC Condition 120° Apart)
2.	Duration of Sampling	:	24 hrs. (09:10 a.m. - 09:10 a.m.)

B]	METEOROLOGICAL INFORMATION	UNIT	METHOD		OBSERVED VALUE
1.	Temperature	°C	ASTM E 337-02 : Sec.11, Vol. 11.07	:	31.0
2.	Humidity	%	ASTM E 337-02 : Sec.11, Vol. 11.07	:	78.0
3.	Rainfall	mm	IS : 5235 & Specification of Surface Meteorological Instrument, IMD, GOI	:	<0.2

C]	RESULTS				
SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Fine Particulate Matter (Size less than 2.5 μm) of PM2.5	$\mu\text{g}/\text{m}^3$	IS 5182 (Part 24)	30.10	60.0
2.	Respirable Suspended Particulate Matter (Size less than 10 μm) of PM10	$\mu\text{g}/\text{m}^3$	IS 5182 (PART 23)	69.80	100.0
3.	Sulfur Dioxide	$\mu\text{g}/\text{m}^3$	IS 5182 Part 2, Sec.1	9.2	80.0
4.	Nitrogen dioxide	$\mu\text{g}/\text{m}^3$	IS 5182 Part 6	14.6	80.0
5.	Carbon Monoxide	mg/m^3	IS 5182 Part 10 (Non Dispersive Infrared Absorption Method)	0.24	2.0
6.	Lead as Pb	$\mu\text{g}/\text{m}^3$	IS 5182 Part 22	<0.01	1.0
7.	Benzo (a) Pyrene	ng/m^3	IS 5182 Part 12	0.46	1.0
8.	Benzene	$\mu\text{g}/\text{m}^3$	IS 5182 (Part 11) Method 1	0.97	5.0
9.	Ozone	$\mu\text{g}/\text{m}^3$	IS 5182 Part IX	18.6	100.0
10.	Ammonia	$\mu\text{g}/\text{m}^3$	IS 5182 Part 25	<4.18	400.0
11.	Nickel as Ni	ng/m^3	USEPA IO 3.4	<0.02	20.0
12.	Arsenic as As	ng/m^3	USEPA IO 3.4	<0.01	6.0

Remarks	:	Result relates only to the sample tested.
	:	Limit as per National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, the 18 th November, 2009.

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)
Authorised Signatory :

(Dr. Ajoy Paul)
(Quality Manager)

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TEST REPORT
FORMAT NO : ENV/EM/37

Name of the Client	:	Graphite India Ltd.			Type of Industry	:	Graphite Unit			
Address	:	P.O. - Sagarbhanga, Durgapur, Pin - 713211			Sampling date	:	19.08.2025 - 20.08.2025			
					Date of received	:	27.08.2025			
					Date (s) of analysis	:	27.08.2025 - 27.08.2025			
					Date of Issue	:	29.08.2025			
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan			:	No	Type of Sample	:	Ambient Air
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXXXV	Report No.	:	ENV/65/Aug./TR(A)/XXXXV/25-26		
Sample Testing Location	:	Permanent Testing								

A]	GENERAL INFORMATION		
1.	Location of Sampling	:	Outside Boundary Wall of Old Plant [Near Waste Water Recycling Plant) (South Side) (As per EC Condition 120° Apart)
2.	Duration of Sampling	:	24 hrs. (10:40 a.m. - 10:40 a.m.)

B]	METEOROLOGICAL INFORMATION	UNIT	METHOD		OBSERVED VALUE
1.	Temperature	°C	ASTM E 337-02 : Sec.11, Vol. 11.07	:	29.5
2.	Humidity	%	ASTM E 337-02 : Sec.11, Vol. 11.07	:	69.0
3.	Rainfall	mm	IS : 5235 & Specification of Surface Meteorological Instrument, IMD, GOI	:	<0.2

C]	RESULTS					
SL. NO.	PARAMETERS	UNIT	METHOD NO.		RESULTS	LIMIT
1.	Fine Particulate Matter (Size less than 2.5 μm) of PM2.5	$\mu\text{g}/\text{m}^3$	IS 5182 (Part 24)		38.50	60.0
2.	Respirable Suspended Particulate Matter (Size less than 10 μm) of PM10	$\mu\text{g}/\text{m}^3$	IS 5182 (PART 23)		63.80	100.0
3.	Sulfur Dioxide	$\mu\text{g}/\text{m}^3$	IS 5182 Part 2, Sec.1		9.20	80.0
4.	Nitrogen dioxide	$\mu\text{g}/\text{m}^3$	IS 5182 Part 6		16.50	80.0
5.	Carbon Monoxide	mg/m^3	IS 5182 Part 10 (Non Dispersive Infrared Absorption Method)		0.26	2.0
6.	Lead as Pb	$\mu\text{g}/\text{m}^3$	IS 5182 Part 22		<0.01	1.0
7.	Benzo (a) Pyrene	ng/m^3	IS 5182 Part 12		0.42	1.0
8.	Benzene	$\mu\text{g}/\text{m}^3$	IS 5182 (Part 11) Method 1		<0.74	5.0
9.	Ozone	$\mu\text{g}/\text{m}^3$	IS 5182 Part IX		20.0	100.0
10.	Ammonia	$\mu\text{g}/\text{m}^3$	IS 5182 Part 25		<4.18	400.0
11.	Nickel as Ni	ng/m^3	USEPA IO 3.4		<0.02	20.0
12.	Arsenic as As	ng/m^3	USEPA IO 3.4		<0.01	6.0

Remarks : *Result relates only to the sample tested.*
 : *Limit as per National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, the 18th November, 2009.*

Reviewed By :

(Durbadal Chakraborty)
(Dy. Quality Manager)
Authorised Signatory :

(Dr. Ajoy Paul)
(Quality Manager)

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Overseas : * UAE * Qatar * Netherlands

TEST REPORT**FORMAT NO : ENV/EM/37**

Name of the Client	:	Graphite India Ltd.			Type of Industry	:	Graphite Unit	
Address	:	P.O. - Sagarbhanga, Durgapur, Pin - 713211			Sampling date	:	20.08.2025 - 21.08.2025	
					Date of received	:	27.08.2025	
					Date (s) of analysis	:	27.08.2025 - 27.08.2025	
					Date of Issue	:	29.08.2025	
Sampling Plan & Procedure	:	ENV/SOP/01/02	Deviation from the Sampling Method and Plan		:	No	Type of Sample :	Ambient Air
Sample Condition	:	Sealed	Sample ID No.	:	ENV/65/Aug./A/XXXXVII	Report No.	:	ENV/65/Aug./TR(A)/XXXXVII/25-26
Sample Testing Location	:	Permanent Testing						

A]	GENERAL INFORMATION		
1.	Location of Sampling	:	Centre Location (On the Roof of Water Reservoir) (As per EC Condition 120 ^o Apart)
2.	Duration of Sampling	:	24 hrs. (10:55 a.m. - 10:55 a.m.)

B]	METEOROLOGICAL INFORMATION	UNIT	METHOD		OBSERVED VALUE
1.	Temperature	°C	ASTM E 337-02 : Sec.11, Vol. 11.07	:	29.0
2.	Humidity	%	ASTM E 337-02 : Sec.11, Vol. 11.07	:	73.0
3.	Rainfall	mm	IS : 5235 & Specification of Surface Meteorological Instrument, IMD, GOI	:	<0.2

C]	RESULTS				
SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Fine Particulate Matter (Size less than 2.5 μm) of PM2.5	$\mu\text{g}/\text{m}^3$	IS 5182 (Part 24)	56.50	60.0
2.	Respirable Suspended Particulate Matter (Size less than 10 μm) of PM10	$\mu\text{g}/\text{m}^3$	IS 5182 (PART 23)	80.2	100.0
3.	Sulfur Dioxide	$\mu\text{g}/\text{m}^3$	IS 5182 Part 2, Sec.1	20.0	80.0
4.	Nitrogen dioxide	$\mu\text{g}/\text{m}^3$	IS 5182 Part 6	24.50	80.0
5.	Carbon Monoxide	mg/m^3	IS 5182 Part 10 (Non Dispersive Infrared Absorption Method)	0.56	2.0
6.	Lead as Pb	$\mu\text{g}/\text{m}^3$	IS 5182 Part 22	<0.01	1.0
7.	Benzo (a) Pyrene	ng/m^3	IS 5182 Part 12	<0.50	1.0
8.	Benzene	$\mu\text{g}/\text{m}^3$	IS 5182 (Part 11) Method 1	<0.74	5.0
9.	Ozone	$\mu\text{g}/\text{m}^3$	IS 5182 Part IX	30.0	100.0
10.	Ammonia	$\mu\text{g}/\text{m}^3$	IS 5182 Part 25	<4.18	400.0
11.	Nickel as Ni	ng/m^3	USEPA IO 3.4	<0.02	20.0
12.	Arsenic as As	ng/m^3	USEPA IO 3.4	<0.01	6.0

Remarks	:	Result relates only to the sample tested.
	:	Limit as per National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, the 18 th November, 2009.

Reviewed By :


(Durbadal Chakraborty)
(Dy. Quality Manager)

Authorised Signatory :


(Dr. Ajoy Paul)
(Quality Manager)

<End of Report>

WORK ZONE AIR, NOISE LEVEL, ILLUMINATION & VENTILATION MONITORING REPORT

OF

M/s. GRAPHITE INDIA LTD.

Durgapur - 713 211, Dist. - Paschim Bardhaman, West Bengal

AUGUST - 2025

PREPARED BY:

INDICATIVE CONSULTANT INDIA

H.P.L Link Road, Basudevpur, P.O.-Khanjanchak, Haldia,

Dist. - Purba Medinipur, PIN - 721 602.

☏ (03224) 275765.

Website: www.indicativeconsultantindia.com



INDICATIVE CONSULTANT INDIA

Name of the Factory	:	M/s. GRAPHITE INDIA LTD. Durgapur -713211, Dist - Paschim Bardhaman, West Bengal
Date of Execution of Job	:	14.08.2025, 16.08.2025, 18.08.2025 to 23.08.2025 & 25.08.2025

1.0 Environment pollution is mostly the result of various human activities like industrial operation. Identification and quantification of air contaminants in the work zone area in accordance with the requirements of Factory Rules of the State under existing Factory Act is the first step towards control of the Work Zone Environment Pollution.

M/s. INDICATIVE CONSULTANT INDIA have been asked to carry out the survey of the WORK ZONE ENVIRONMENT for assessment of air borne Pollution in the form of inorganic dust and gases as well as NOISE, VENTILATION AND ILLUMINATION as per the provision of Sections 36, 7A, 13 & 17 of the Factories Act, 1948. Accordingly, the work zone monitoring, Noise, Ventilation and Illumination have been conducted with the use of Static and Portable monitoring instruments.

The general illumination over those interior parts where persons are regularly employed, shall be provide and maintained sufficient and suitable lighting natural and artificial both.

The entire field work was completed within the period of 14.08.2025, 16.08.2025, 18.08.2025 to 23.08.2025 & 25.08.2025, Result of Work Zone air monitoring have been reported in Form No.30 as per 13B(2) of the Factories Rules of the State, in Table No. 1 to 26 & Table No. 1 to 6, Noise Level Monitoring in Table No. 1 to 27, Ventilation Condition Testing in Table No. - 1 to 7 and of Illumination Level Testing in Table No. - 1.



INDICATIVE CONSULTANT INDIA

2

2.0 DISCUSSION:

Result as indicated in Form No.30, which is annexed herewith, reveals the following facts.

WORKZONE AIR RESULT

i) Results of inorganic dust and gases are based on the exposure of 8 hrs. and have been reported in terms of TWA (Time Weighted Average) and Air borne contaminants like inorganic dust and gases, organic fumes in the manufacturing area have been found to be within the Permissible Exposure Limit (PEL) (TABLE 1 to 26 & TABLE 1 to 6)

NOISE LEVEL RESULT

i) Sound levels are well within limit at all measured locations. (TABLE 1 to 27)

ILLUMINATION LEVEL MEASUREMENT RESULT

i) 100 % of the Illumination levels are within the norms. (TABLE 1)

VENTILATION CONDITION MEASUREMENT RESULT

a) Volume of air change is ADEQUATE at all measured locations. (TABLE 1 to 7)

b) Velocities of air inside the work places are ADEQUATE at all measured locations. (TABLE 1 to 7)

c) Wet Bulb temperatures inside the work place are within limit at all measured locations. (TABLE 1 to 7)



3.0 ACKNOWLEDGEMENT:

- i) *Mr. Ranadeep Chakraborty (Sr. VP-Works)*
- ii) *Mr. Abhijit Mondal (AGM - HR & IR)*
- iii) *Mr. C. P. Dhanuka - (Sr. Manager Technical)*
- iv) *Mr. Sadananda Mukherjee - Dy. Manager (P&A)*
- v) *Mr. Suder Mohanta - Manager Safety*
- vi) *Mr. Pradip Roy Pratihar - Safety Officer)*
- vii) *Security Officer & Staff*
- viii) *All Officers & Staff of M/s. Graphite India Ltd., Dist - Paschim Bardhaman, Diargapur, PIN - 713211, West Bengal*

We acknowledge our sincere thanks and gratitude to the above persons for their co-operation and help to our sampling team during the survey work.

For, INDICATIVE CONSULTANT INDIA


Parbati Goswami
Authorized Signatory



P 3/3



INDICATIVE CONSULTANT INDIA

HPL Link Road, Basudevpur, Khanjanchak
Haldia, Purba Medinipur-721602
MSME Reg. No.: WB-12-0000228

Form No. - 30

Table No. - 1

Result of Analysis of : M/s. GRAPHITE INDIA LTD.,

Address: Dist – Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Register Containing Particulars of monitoring of Work Environment required Under Section 7-A(2)(e) of the Act.

1. Name of the Department/Plant : **Extrusion #1 Press FLOOR**
2. Raw materials, by-products and finished products : See Annexure-I
3. Particular of Sampling :

Sl. No	Location / Operation Monitoring	Identified Contaminant	Date & Time of Monitoring	Sampling Instrument Used	Airborne Contamination			TWA	Concentration as given in 2nd Schedule (mg/M ³)	Reference Method	Number of workers exposed at the location being monitored	Remark	Signature of person taking Samples	Name (in block letters)
					No. of sample	Range mg/M ³	Avg. mg/M ³							
I.	EXTRUSION #1 PRESS FLOOR	Suspended Particulate Matter	14.08.2025		3	1.269	1.275	10.0			3	—	Below PEL	T. SUTRADHAR AK
		Respirable Particulate Matter			3	1.299	1.257				3	—	Below PEL	
		See Annexure-I			3	0.574	0.550	5.0	See Annexure-I		3	—	Below PEL	
		Sulphur Dioxide	08:30 AM to 04:30 PM		3	0.022	0.019	5.0			3	—	Below PEL	
		Nitrogen Dioxide			3	0.039	0.041	6.0			3	—	Below PEL	S. CHATTAR AJ

* PEL - Permissible Exposure Limit.

For, INDICATIVE CONSULTANT INDIA


Parbati Goloi
Authorized Signatory



INDICATIVE CONSULTANT INDIA

HPL Link Road, Basudevpur, Khanjanchak
Haldia, Purba Medinipur-721602
MSME Reg. No.: WB-12-0000228

Form No. - 30

Table No. - 2

Result of Analysis of: M/s. GRAPHITE INDIA LTD.,

Address: Dist – Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Register Containing Particulars of monitoring of Work Environment required Under Section 7-A(2)(e) of the Act.

1. Name of the Department/Plant : **Extrusion #2 Press FLOOR**
2. Raw materials, by-products and finished products : See *Annexure-1*
3. Particular of Sampling :

Sl. No	Location / Operation Monitoring	Identified Contaminant	Date & Time of Monitoring	Sampling Instrument Used	Airborne Contamination		TWA Concentration as given in 2nd Schedule (mg/M ³)	Reference Method	Number of workers exposed at the location being monitored	Short term Exposure	Remark	Signature of person taking Samples	Name (in block letters)
					No. of sample	Range mg/M ³							
1.	EXTRUSION #2 PRESS FLOOR	Suspended Particulate Matter	14.08.2025	See Annexure-1	3	1.225	1.251	10.0	See Annexure-1	3	–	Below PEL	T. SULTRAJ AR
		Respirable Particulate Matter			3	1.258	1.269			3	–	Below PEL	
		Sulphur Dioxide			3	0.535	0.557	5.0		3	–	Below PEL	
		Nitrogen Dioxide	09:00 AM to 05:00 PM		3	0.029	0.021	3.0		3	–	Below PEL	
					3	0.049	0.040	6.0		3	–	Below PEL	S. CHATTARAJ

• PEL – Permissible Exposure Limit.

For: INDICATIVE CONSULTANT INDIA



Parbati Chatterjee
Authorized Signatory

P 2/26

INDICATIVE CONSULTANT INDIA

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Haldia, Purba Medinipur-721602
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Mob. - 94340 17584
e-mail : jayantimarker67@gmail.com
indicativeconsultantindia@gmail.com

Form No. - 30

Table No. - 4

Result of Analysis of : M/s. GRAPHITE INDIA LTD.,

Address: Dist – Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Register Containing Particulars of monitoring of Work Environment required Under Section 7-A(2)(e) of the Act,

1. Name of the Department/Plant : **FINISHING UNIT # 4**

2. Raw materials, by-products and finished products : *See Annexure-I*

3. Particular of Sampling :

Sl. No	Location / Operation Monitoring	Identified Contaminant	Date & Time of Monitoring	Sampling Instrument Used	Airborne Contamination			TWA Concentration as given in 2 nd Schedule (mg/M ³)	Reference Method	Number of workers exposed at the location being monitored	Remark	Signature of person taking Samples	Name (in block letters)
					No. of sample	Range mg/M ³	Avg. mg/M ³						
1. FINISHING UNIT # 4		Suspended Particulate Matter	18.08.2025		3	1.354 1.377 1.391	1.374	10.0	See Annexure-I	3	-	Below PEL	T. SUTRA DHAR
		Respirable Particulate Matter			3	0.814 0.822 0.769	0.802	5.0		3	-		
		Sulphur Dioxide			3	0.029 0.012	0.019	5.0		3	-		
		Nitrogen Dioxide			3	0.030 0.049	0.035	6.0		3	-		
						0.027							S. CHATTARAJ

* PEL - Permissible Exposure Limit.

For, INDICATIVE CONSULTANT INDIA



P 4/26

INDICATIVE CONSULTANT INDIA

HPL, Link Road, Basudevpur, Kharjanchak
Haldia, Purba Medinipur-721602
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Mob.: 94340 17584
e-mail: jayanta.sarkar67@gmail.com
indicativeconsultantindia@gmail.com

Form No. - 30

Table No. - 5

Result of Analysis of : M/s. GRAPHITE INDIA LTD.,

Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Register Containing Particulars of monitoring of Work Environment required Under Section 7-A(2)(e) of the Act.
1. Name of the Department/Plant : **BAKING RH 16 SHOP FLOOR**
2. Raw materials, by-products and finished products : See Annexure-I
3. Particular of Sampling :

Sl. No	Location / Operation Monitoring	Identified Contaminant	Date & Time of Monitoring	Sampling Instrument Used	Airborne Contamination No. of sample	TWA Concentration as given in 2nd Schedule (mg/M ³)	Reference Method	Number of workers exposed at the location being monitored		Remark	Signature of person taking Samples	Name (in block letters)
								Continuous Exposure	Short term Exposure			
1.	BAKING RH 16 SHOP FLOOR	Respirable Particulate Matter	18.08.2025	See Annexure-I	3	2.415	2.432	10.0		3	-	<i>Below PEI</i>
					3	2.457	2.423					<i>Below PEI</i>
		Sulphur Dioxide	09:40 AM to 08:40 PM	See Annexure-I	3	1.174	1.174	5.0	See Annexure-I	3	-	<i>Below PEI</i>
		Nitrogen Dioxide			3	0.026	0.018	5.0		3	-	<i>Below PEI</i>

• PEI - Permissible Exposure Limit.

For, INDICATIVE CONSULTANT INDIA



Parhai Golui
Authorised Signatory



P 3/26

INDICATIVE CONSULTANT INDIA

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Form No. - 30

Table No. - 6

Result of Analysis of : M/s. GRAPHITE INDIA LTD.,
Address: Dist – Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Register Containing Particulars of monitoring of Work Environment required Under Section 7-A(2)(e) of the Act.

1. Name of the Department/Plant : **BAKING RH 24 (1) SHOP FLOOR**
2. Raw materials, by-products and finished products : See Annexure-I
3. Particular of Sampling :

Sl. No	Location / Operation Monitoring	Identified Contaminant	Date & Time of Monitoring	Sampling Instrument Used	Airborne Contamination	TWA Concentration as given in 2 nd Schedule (mg/M ³)	Reference Method	Number of workers exposed at the location being monitored			Remark	Signature of person taking Samples	Name (in block letters)
								Continuous Exposure	Short term Exposure	Number of workers exposed at the location being monitored			
1.	BAKING RH 24 (1) SHOP FLOOR	Suspended Particulate Matter	19.08.2025		3	2.425	2.424	10.0		3	—	Below PEL	S. CHATTA RAJ
		Respirable Particulate Matter			3	2.436	2.412			3	—		
		See Annexure-I			3	1.278	1.274	5.0	See Annexure-I	3	—		
		Sulphur Dioxide	09:10 AM to 05:10 PM		3	0.020	0.032	0.023		3	—		
		Nitrogen Dioxide			3	0.018	0.031	0.034		3	—		
					3	0.029	0.029	0.029		3	—		

• PEL – Permissible Exposure Limit

For, INDICATIVE CONSULTANT INDIA



P-6/26

INDICATIVE CONSULTANT INDIA

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Form No. - 30

Table No. - 7

Result of Analysis of: M/s. GRAPHITE INDIA LTD.,

Address: Dist – Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Register Containing Particulars of monitoring of Work Environment required Under Section 7-A(2)(c) of the Act.

1. Name of the Department/Plant : **BAKING TUNNEL KILN SHOP**
2. Raw materials, by-products and finished products : *See Annexure-I*
3. Particular of Sampling :

Sl. No	Location / Operation Monitoring	Identified Contaminant	Date & Time of Monitoring	Sampling Instrument Used	Airborne Contamination		TWA Concentration as given in 2 nd Schedule (mg/M ³)	Reference Method	Number of workers exposed at the location being monitored	Remark	Signature of person taking Samples	Name (in block letters)
					No. of sample	Range mg/M ³						
1. BAKING TUNNEL KILN SHOP	Suspended Particulate Matter	Respirable Particulate Matter	19.08.2025	<i>See Annexure-I</i>	3	2.854	2.849	10.0	3	-	<i>Below PEL</i>	<i>T. SUTRA DEAR</i>
					3	2.869	2.825				<i>Below PEL</i>	<i>A. K. S.</i>
					3	1.747	1.746	5.0	<i>See Annexure-I</i>	3	-	<i>Below PEL</i>
					3	1.769				3	-	<i>Below PEL</i>
1. BAKING TUNNEL KILN SHOP	Sulphur Dioxide	Nitrogen Dioxide	08:40 AM to 04:40 PM		3	0.025	0.021	5.0	<i>Below PEL</i>	3	-	<i>S. CHATTARAJ</i>
					3	0.018				3	-	<i>Below PEL</i>
					3	0.037	0.036	6.0				
					3	0.046	0.031					

* PEL - Permissible Exposure Limit.

For, INDICATIVE CONSULTANT INDIA

[Signature]
Parhati Golui
Authorized Signatory

[Signature]
P. 7/26
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Form No. - 30

Table No. - 8

Result of Analysis of : M/s. GRAPHITE INDIA LTD,
Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Register Containing Particulars of monitoring of Work Environment required Under Section 7-A(2)(e) of the Act.

1. Name of the Department/Plant : **PITCH IMPREGNATION UNIT # 2 SHOP**
2. Raw materials, by-products and finished products : See Annexure-1
3. Particular of Sampling :

Sl. No	Location / Operation Monitoring	Identified Contaminant	Date & Time of Monitoring	Sampling Instrument Used	Airborne Contamination		TWA Concentration as given in 2 nd Schedule (mg/M ³)	Reference Method	Number of workers exposed at the location being monitored	Remark	Signature of person taking Samples	Name (in block letters)
					No. of sample	Range mg/M ³	Avg mg/M ³					
1.	PITCH IMPREGNATION UNIT # 2 SHOP	Suspended Particulate Matter	20.08.2025		3	3.147	3.146	10.0		3	-	Below PEL
		Respirable Particulate Matter			3	3.169	3.123			3	-	Below PEL
		See Annexure-1			3	1.356	1.371	5.0	See Annexure-1	3	-	Below PEL
		Sulphur Dioxide	09:30 AM to 05:30 PM		3	0.026	0.021	5.0		3	-	Below PEL
		Nitrogen Dioxide			3	0.048	0.038	6.0		3	-	Below PEL
							0.034					

* PEL - Permissible Exposure Limit.

For, INDICATIVE CONSULTANT INDIA

Parbati Goswami
Authorised Signatory

P 8/26



INDICATIVE CONSULTANT INDIA

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Form No. - 30

Result of Analysis of : M/s. GRAPHITE INDIA LTD.,

Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Table No. - 9

Register Containing Particulars of monitoring of Work Environment required Under Section 7-A(2)(e) of the Act.
1. Name of the Department/Plant : **PITCH IMPREGNATION UNIT # 3 SHOP**
2. Raw materials, by-products and finished products : See Annexure-1
3. Particular of Sampling :

Sl No	Location / Operation / Monitoring	Identified Contaminant	Date & Time of Monitoring	Sampling Instrument Used	Airborne Contamination No. of sample	TWA Concentration as given in 2 nd Schedule (mg/M ³)	Reference Method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking Samples	Name (in block letters)
1.	PITCH IMPREGNATION UNIT # 3 SHOP	Suspended Particulate Matter	21.08.2025		3	2.295	2.278	10.0			
		Respirable Particulate Matter			3	2.263			3	-	Below PEL
		See Annexure -J			3	1.134	1.148	5.0			Below PEL
		Salphur Dioxide	08:15 AM to 04:15 PM		3	0.019	0.021	5.0	See Annexure -J	3	-
		Nitrogen Dioxide			3	0.016				3	-
					3	0.032	0.035	6.0		3	-
					3	0.047				3	-
					3	0.026				3	-

* PEL - Permissible Exposure Limit.

For, INDICATIVE CONSULTANT INDIA

Parbati Golui
Authorized Signatory



P 9/26



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Form No. - 30

Table No. - 10

Result of Analysis of : M/s, GRAPHITE INDIA LTD.,
Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Register Containing Particulars of monitoring of Work Environment required Under Section 7-A(2)(c) of the Act.

1. Name of the Department/Plant : BAKING RH # 24 (III)
2. Raw materials, by-products and finished products : See Annexure-I
3. Particular of Sampling :

Sl. No	Location / Operation Monitoring	Identified Contaminant	Date & Time of Monitoring	Sampling Instrument Used	Airborne Contamination			TWA Concentration as given in Schedule (mg/M ³)	Reference Method	Continuous Exposure	Short term Exposure	Number of workers exposed at the location being monitored	Remark	Signature of person taking Samples	Name: (in block letters)
					No. of sample	Range mg/M ³	Avg mg/M ³								
1. BAKING RH # 24 (III)		Suspended Particulate Matter	20.08.2025		3	2.347 2.362	2.321	10.0				3	-	Below PEL	T. SUTRA DHAR
		Respirable Particulate Matter			3	1.141 1.137	1.136	5.0	See Annexure-I	See Annexure-I	3	-	Below PEL		
		Sulphur Dioxide	09:00 AM to 05:00 PM		3	0.029 0.013	0.020	5.0				3	-	Below PEL	
		Nitrogen Dioxide			3	0.025 0.039 0.022	0.029	6.0				3	-	Below PEL	S. CHATTARAJI

• PEL - Permissible Exposure Limit

For, INDICATIVE CONSULTANT INDIA

Parbati Golda
Authorized Signatory



P 10/26



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Form No. - 30

Table No. - 11

Result of Analysis of : M/s. GRAPHITE INDIA LTD.,

Address: Dist – Paschim Bardhaman, Durgapur, PIN -713211, West Bengal
MSME Reg. No.: WB-12-0000228

1. Name of the Department/Plant : **LWG # 3 SHOP**
2. Raw materials, by-products and finished products : See *Annexure-I*
3. Particular of Sampling :

Sl. No	Location / Operation Monitoring	Identified Contaminant	Date & Time of Monitoring	Sampling Instrument Used	Airborne Contamination		TWA Concentration as given in 2 nd Schedule (mg/M ³)	Reference Method	Number of workers exposed at the location being monitored	Remark	Signature of person taking Samples	Name (in block letters)			
					No. of sample	Range mg/M ³									
1. LWG # 3 SHOP		Suspended Particulate Matter	22.08.2025 09:20 AM to 05:20 PM	See <i>Annexure-I</i>	3	2.784	2.765	10.0	See <i>Annexure-I</i>	3	Below PEL	S. T. SUTRADHAR			
		Respirable Particulate Matter			3	2.763	2.747	Continuous Exposure							
		Sulphur Dioxide			3	1.239	1.257	A. CHATTARAJ							
		Nitrogen Dioxide			3	0.015	0.019								

• PEL – Permissible Exposure Limit.

For, INDICATIVE CONSULTANT INDIA


Parbati Gohil

Authorised Signatory



P 11/26



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Form No. - 30

Table No. - 12

Result of Analysis of : M/s. GRAPHITE INDIA LTD., Address: Dist – Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Register Containing Particulars of monitoring of Work Environment required Under Section 7-A(2)(e) of the Act.

1. Name of the Department/Plant : **LWG # 4 SHOP**
2. Raw materials, by-products and finished products : See Annexure-I
3. Particular of Sampling :

Sl. No	Location / Operation Monitoring	Identified Contaminant	Date & Time of Monitoring	Sampling Instrument Used	Airborne Contamination			TWA Concentration as given in 2 nd Schedule (mg/M ³)	Reference Method	Number of workers exposed at the location being monitored	Remark	Signature of person taking Samples	Name (in block letters)
					No. of sample	Range mg/M ³	Avg. mg/M ³						
1.	LWG # 4 SHOP	Suspended Particulate Matter	22.08.2025		3	2.226	2.215	10.0	See Annexure-I	3	–	Below PEL	T. SUTRA DHAR
		Respirable Particulate Matter			3	2.211				–	–	Below PEL	
		Sulphur Dioxide	10:40 AM to 06:40 PM		3	1.138	1.147	1.135		3	–	Below PEL	
		Nitrogen Dioxide			3	0.019	0.032	0.025		3	–	Below PEL	
					3	0.025				3	–	Below PEL	S. CHATTAKU
					3	0.036	0.044	0.037		3	–	Below PEL	
					3	0.032				3	–	Below PEL	

* PEL – Permissible Exposure Limit

For, INDICATIVE CONSULTANT INDIA



Parbati Ghosh

Authorized Signatory

P 12/26



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Form No. - 30

Table No. - 14

Result of Analysis of : M/s. GRAPHITE INDIA LTD.,

Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Register Containing Particulars of monitoring of Work Environment required Under Section 7-A(2)(e) of the Act.

1. Name of the Department/Plant : **FINISHING # 1 SHOP FLOOR**
2. Raw materials, by-products and finished products : See Annexure-I
3. Particular of Sampling :

Sl. No	Location / Operation Monitoring	Identified Contaminant	Date & Time of Monitoring	Sampling Instrument Used	Airborne Contamination		TWA Concentration as given in 2 nd Schedule (mg/M ³)	Reference Method	Number of workers exposed at the location being monitored	Remark	Signature of person taking Samples	Name (in block letters)
					No. of sample	Range mg/M ³						
1.	FINISHING # 1 SHOP FLOOR	Suspended Particulate Matter	16.08.2025		3	2.424 - 2.456	2.474	2.451	10.0			
		Respirable Particulate Matter			3	1.236 - 1.257	1.239	5.0		3	-	<i>T. SUTRA DEBAR</i>
		See Annexure-I			3	1.224				3	-	
		10:00 AM to 06:00 PM			3	0.020 - 0.022	0.023	5.0	See Annexure-I	3	-	<i>S. CHATTI ARAJ</i>
		Nitrogen Dioxide			3	0.030 - 0.043	0.035	6.0		3	-	
					3	0.031						

* PEL - Permissible Exposure Limit.

For, INDICATIVE CONSULTANT INDIA



Purbiti Chatterjee
Authorized Signatory

P 14/26

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Form No. - 30

Table No. - 15

Result of Analysis of : **M/s. GRAPHITE INDIA LTD.,**

Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Register Containing Particulars of monitoring of Work Environment required Under Section 7-A(2)(e) of the Act.

1. Name of the Department/Plant : **FINISHING # 2 SHOP FLOOR**
2. Raw materials, by-products and finished products : See Annexure-1
3. Particular of Sampling :

Sl. No	Location / Operation Monitoring	Identified Contaminant	Date & Time of Monitoring	Sampling Instrument Used	Airborne Contamination		TWA Concentration as given in 2 nd Schedule (mg/m ³)	Reference Method	Number of workers exposed at the location being monitored	Remark	Signature of person taking Samples	Name (in block letters)
					No. of sample	Range mg/m ³	Avg. mg/m ³					
1.	FINISHING # 2 SHOP FLOOR	Suspended Particulate Matter	16.08.2025		3	2.535 2.529	2.537	10.0	Continuous Exposure	3	Below PEL	T. SUTRA DHAR
					3	2.547 2.529	2.537	10.0				
		Respirable Particulate Matter	08:10 AM 10 04:10 PM	See Annexure-1	3	1.529 1.541	1.536	1.535	See Annexure-1	3	Below PEL	S. CHATT ARAI
					3	0.020 0.018	0.027	0.022				
* PEL - Permissible Exposure Limit												

For, INDICATIVE CONSULTANT INDIA


Parbati Golui
Authorized Signatory



P 15/26



INDICATIVE CONSULTANT INDIA

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Form No. - 30

Table No. - 16

Result of Analysis of : M/s. GRAPHITE INDIA LTD.,

Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Register Containing Particulars of monitoring of Work Environment required Under Section 7-A(2)(e) of the Act.

1. Name of the Department/Plant : **FINISHING # 3 SHOP FLOOR**
2. Raw materials, by-products and finished products : See Annexure-1
3. Particular of Sampling :

Sl. No	Location / Operation Monitoring	Identified Contaminant	Date & Time of Monitoring	Sampling Instrument Used	Airborne Contamination			TWA Concentration as given in 2 nd Schedule (mg/M ³)	Reference Method	Number of workers exposed at the location being monitored	Remark	Signature of person taking Samples	Name (in block letters)
					No. of sample	Range mg/M ³	Avg. mg/M ³						
1. FINISHING # 3 SHOP FLOOR	See Annexure-1	Suspended Particulate Matter	16.08.2025	See Annexure-1	3	3.175	3.149	10.0	See Annexure-1	3	-	Below PEL	SUTRADHAR
		Respirable Particulate Matter			3	3.157							
		Sulphur Dioxide	08:40 AM to 04:40 PM		3	1.427	1.413	5.0		3	-		Parbati Golui
		Nitrogen Dioxide			3	0.028	0.020	5.0		3	-		
					3	0.040	0.032	6.0		3	-		S. CHATTARAJ

• PEL - Permissible Exposure Limit

For, INDICATIVE CONSULTANT INDIA



P 16/26

INDICATIVE CONSULTANT INDIA

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Result of Analysis of : M/s. GRAPHITE INDIA LTD.,

Address: Dist – Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Form No. - 30

Table No. - 17

Register Containing Particulars of monitoring of Work Environment required Under Section 7-A(2)(c) of the Act.

1. Name of the Department/Plant : **GRAPHITE FINES SCREENING SHOP**
2. Raw materials, by-products and finished products : *See Annexure-I*
3. Particular of Sampling :

Sl. No	Location / Operation Monitoring	Identified Contaminant	Date & Time of Monitoring	Sampling Instrument Used	Airborne Contamination		TWA Concentration as given in 2 nd Schedule (mg/m ³)	Reference Method	Number of workers exposed at the location being monitored	Remark	Signature of person taking Samples	Name (in block letters)
					No. of sample	Range mg/m ³						
1. GRAPHITE FINES SCREENING SHOP	Suspended Particulate Matter	Respirable Particulate Matter	22.08.2025	See Annexure-I	3	3.387 - 3.352	3.367	10.0	3	-	<i>PK</i>	<i>SUTRA DHAR</i>
					3	1.804 - 1.785	1.802	5.0	3	-	<i>AK</i>	<i>SUTRA DHAR</i>
		Sulphur Dioxide			3	0.025 - 0.041	0.031	5.0	3	-	<i>PK</i>	<i>SUTRA DHAR</i>
	Nitrogen Dioxide	08:30 AM to 04:30 PM	08:30 AM to 04:30 PM		3	0.036 - 0.045	0.038	6.0	3	-	<i>PK</i>	<i>S. CHATTARAJ</i>
					3	0.033			3	-	<i>PK</i>	<i>S. CHATTARAJ</i>

* PEL - Permissible Exposure Limit

For, INDICATIVE CONSULTANT INDIA



Parbati Gorai
Authorized Signatory
P 17/26



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Form No. - 30

Table No. - 18

Result of Analysis of: M/s. GRAPHITE INDIA LTD.,

Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Register Containing Particulars of monitoring of Work Environment required Under Section 7-A(2)(e) of the Act.

1. Name of the Department/Plant : **CANTEEN (KITCHEN ARA)**
2. Raw materials, by-products and finished products : See *Annexure-I*
3. Particular of Sampling :

Sl. No.	Location / Operation / Monitoring	Identified Contaminant	Date & Time of Monitoring	Sampling Instrument Used	Airborne Contamination		TWA Concentration as given in 2 nd Schedule (mg/M ³)	Reference Method	Number of workers exposed at the location being monitored	Remark	Signature of person taking Samples	Name (in block letters)
					No. of sample	Range Avg. mg/M ³						
1. CANTEEN (KITCHEN AREA)	09:40 AM to 05:40 PM	Suspended Particulate Matter	23.08.2025		3	1.347 - 1.332	1.334	10.0		3	-	Below PEL
		Respirable Particulate Matter			3	0.874 - 0.926	0.911	5.0	See Annexure-I	3	-	Below PEL
		Sulphur Dioxide			3	0.020 - 0.027	0.023	5.0		3	-	Below PEL
		Nitrogen Dioxide			3	0.033 - 0.047	0.037	6.0		3	-	Below PEL

• PEL—Permissible Exposure Limit

For, INDICATIVE CONSULTANT INDIA

Parbati Chakraborty
Authorized Signatory
P 18/26





INDICATIVE CONSULTANT INDIA
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Form No. - 30

Table No. - 19

Result of Analysis of : **M/s. GRAPHITE INDIA LTD.,**
Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Register Containing Particulars of monitoring of Work Environment required Under Section 7-A(2)(e) of the Act.

1. Name of the Department/Plant : **RH – 24 (II)**
2. Raw materials, by-products and finished products : See Annexure-1
3. Particular of Sampling :

Sl. No	Location / Operation Monitoring	Identified Contaminant	Date & Time of Monitoring	Sampling Instrument Used	Airborne Contamination	TWA	Concentration as given in 2 nd Schedule (imp/m ³)	Reference Method	Number of workers exposed at the location being monitored		Remark	Signature of person taking Samples	Name (in block letters)
									No. of sample	Range (imp/m ³)	Short term Exposure		
1.	RH – 24 (II)	Suspended Particulate Matter	19.08.2025	3	1.625 1.611 1.578	1.605	10.0		3	-	Below PEL		T. SUTRADHAR
		Respirable Particulate Matter		3	0.784 0.766 0.751	0.767	5.0	See Annexure-1	3	-	Below PEL		T. SUTRADHAR
		Sulphur Dioxide	08:30 AM to 04:30 PM	3	0.021 0.034 0.026	0.027	5.0	See Annexure-1	3	-	Below PEL		T. SUTRADHAR
		Nitrogen Dioxide		3	0.042 0.030	0.032	6.0		3	-	Below PEL		T. SUTRADHAR

* PEL – Permissible Exposure Limit.

For, INDICATIVE CONSULTANT INDIA


 Parbati Ghosh
 Authorized Signatory

P 19/26



INDICATIVE CONSULTANT INDIA

HPL Link Road, Basudevpur, Khanjanchak
Haldia, Purba Medinipur-721602
MSME Reg. No.: WB-12-00002228

Form No. - 30

Table No. - 20

Result of Analysis of : M/s. GRAPHITE INDIA LTD.,

Address: Dist – Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Register Containing Particulars of monitoring of Work Environment required Under Section 7-A(2)(e) of the Act.

1. Name of the Department/Plant : **PTITCH IMPREGNATION UNIT # 4**
2. Raw materials, by-products and finished products : See Annexure-I
3. Particular of Sampling :

Sl. No	Location / Operation Monitoring	Identified Contaminant	Date & Time of Monitoring	Sampling Instrument Used	Airborne Contamination	TWA Concentration as given in 2 nd Schedule (mg/m ³)	Reference Method	Number of workers exposed at the location being monitored	Remarks	Signature of person taking Samples	Name (in block letters)
I. PTITCH IMPREGNATION UNIT # 4	Suspended Particulate Matter	Respirable Particulate Matter	08:45 AM to 04:45 PM	See Annexure-I	21.08.2025	3	2.925 2.911	2.911	10.0	Below PEL	T. SUTRADHAR
					Suspended Particulate Matter	3	1.529 1.547 1.513	1.530	5.0		
					Respirable Particulate Matter	3	0.018 0.027 0.015	0.020	5.0		
					Sulphur Dioxide	3	0.033 0.047 0.031	0.037	6.0		
					Nitrogen Dioxide	3	0.033 0.047 0.031	0.037	6.0		

* PEL = Permissible Exposure Limit

For, INDICATIVE CONSULTANT INDIA


Parbatii Gorai
Authorized Signatory



P 20/07/2024



INDICATIVE CONSULTANT INDIA
 HPL Link Road, Basudevpur, Kharjanchak
 Haldia, Purba Medinipur-721602
 MSME Reg. No.: WB-12-0000228

Form No.- 30

Table No.- 21

Result of Analysis of : **M/s. GRAPHITE INDIA LTD.,**
Address: Dist – Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Register Containing Particulars of monitoring of Work Environment required Under Section 7-A(2)(e) of the Act,
 1. Name of the Department/Plant : **LWG UNIT # 4 AUTO DUST BAGGING AREA (DURING BAGGING)**
 2. Raw materials, by-products and finished products : See Annexure-I
 3. Particular of Sampling :

Sl. No	Location / Operation Monitoring	Identified Contaminant	Date & Time of Monitoring	Sampling Instrument Used	Airborne Contamination		TWA Concentration as given in 2 nd Schedule (mg/M ³)	Reference Method	Number of workers exposed at the location being monitored		Remark	Signature of person taking Samples	Name (in block letters)
					No. of sample	Range avg/M ³			Continuous Exposure	Short term Exposure			
1.	LWG UNIT # 4 AUTO DUST BAGGING AREA (DURING BAGGING)	Suspended Particulate Matter	23.08.2025		3	4.125 - 4.059	4.090	10.0		3	-	Below PEL	T. SUTRA DHARA R.
		Respirable Particulate Matter			3	1.887 - 1.927	1.903	5.0	See Annexure-I		3	-	Below PEL
		Sulphur Dioxide	08:50 AM to 04:50 PM		3	0.032 - 0.022	0.024	5.0	See Annexure-I		3	-	Below PEL
		Nitrogen Dioxide			3	0.034 - 0.044	0.038	6.0	See Annexure-I		3	-	Below PEL

* PEL – Permissible Exposure Limit.

For, INDICATIVE CONSULTANT INDIA

Purbiti Goswami
 Authorized Signatory
 INDICATIVE CONSULTANT INDIA
 P-21/26



INDICATIVE CONSULTANT INDIA

HPL Link Road, Basudevpur, Khanjanchak

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Form No. - 30

Table No. - 22

Result of Analysis of: M/s. GRAPHITE INDIA LTD.,

Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Register Containing Particulars of monitoring of Work Environment required Under Section 7-A(2)(e) of the Act.

1. Name of the Department/Plant : **STORE SHOP FLOOR**
2. Raw materials, by-products and finished products : See Annexure-J
3. Particular of Sampling :

Sl. No	Location / Operations Monitoring	Identified Contaminant	Date & Time of Monitoring	Sampling Instrument Used	Airborne Contamination	TWA Concentration as given in 2 nd Schedule (mg/M ³)	Reference Method	Number of workers exposed at the location being monitored	Remark	Signature of person taking Samples	Name (in block letters)
1. STORE SHOP FLOOR	See Annexure-J	Suspended Particulate Matter	25.08.2025		3	3.357	3.374	10.0			T. SUTRADHAR
		Respirable Particulate Matter			3	3.396	3.368				
		Sulphur Dioxide	09:10 AM to 05:10 PM		3	2.145	2.160	5.0	See Annexure-J		
		Nitrogen Dioxide			3	0.015	0.020	5.0			

* PEL - Permissible Exposure Limit.

For, INDICATIVE CONSULTANT INDIA

Parbati Goli
Authorized Signatory

P 22/26



INDICATIVE CONSULTANT INDIA

HPL Link Road, Basudevpur, Khanjanchak

Haldia, Purba Medinipur-721602

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Form No. - 30

Table No. - 23

Result of Analysis of : **M/s. GRAPHITE INDIA LTD.,**

Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Register Containing Particulars of monitoring of Work Environment required Under Section 7-A(2)(e) of the Act.

1. Name of the Department/Plant : **MAINTANANCE SHOP FLOOR**
2. Raw materials, by-products and finished products : See Annexure-I
3. Particular of Sampling :

Sl. No	Location / Operation / Measuring	Identified Contaminant	Date & Time of Monitoring	Sampling Instrument Used	Airborne Contamination		TWA Concentration as given in 2 nd Schedule (mg/M ³)	Reference Method	Number of workers exposed at the location being monitored	Remark	Signature of person taking Samples	Name (in block letters)
					No. of sample	Range mg/M ³	Avg. mg/M ³					
1. MAINTANANCE SHOP FLOOR	See Annexure-I	Suspended Particulate Matter	25/08/2025		3	3.347	3.328	10.0		3	-	T. SUTRADHAR
		Respirable Particulate Matter			3	3.311				3	-	
		Sulphur Dioxide	09:30 AM to 05:30 PM		3	1.487	1.501	5.0	See Annexure -I	3	-	
		Nitrogen Dioxide			3	0.012	0.018	5.0		3	-	

* PEL - Permissible Exposure Limit.

For, INDICATIVE CONSULTANT INDIA



Parbati Ghosh
Authorized Signatory



INDICATIVE CONSULTANT INDIA

HPL Link Road, Basudevpur, Kharajanchak

Haldia, Purba Medinipur-721602

MSME Reg. No.: WB-12-0000228

Result of Analysis of: **M/s. GRAPHITE INDIA LTD.,**
Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Register Containing Particulars of monitoring of Work Environment required Under Section 7-A(2)(e) of the Act,

1. Name of the Department/Plant : **LWG #5 AUTO DUST BAGGING AREA (DURING BAGGING)**
2. Raw materials, by-products and finished products : *See Annexure-1*
3. Particular of Sampling :

Sl. No	Location / Operation Monitoring	Identified Contaminant	Date & Time of Monitoring	Sampling Instrument Used	Airborne Contamination		TWA Concentration as given in 2 nd Schedule (mg/m ³)	Reference Method	Continuous Exposure	Short term Exposure	Number of workers exposed at the location being monitored	Remark	Signature of person taking Samples	Name (in block letters)
					No. of sample	Range (mg/m ³)	Avg (mg/m ³)							
1.	LWG #5 AUTO DUST BAGGING AREA (DURING BAGGING)	Suspended Particulate Matter	23.08.2025	See Annexure-1	3	3.587	3.626	10.0	See Annexure-1	3	3	Below PEL	<i>S</i>	T. SUTRAJIT HARI
		Respirable Particulate Matter			3	3.639	3.651			3	3	Below PEL		
		Sulphur Dioxide	09:20 AM		3	2.302	2.314	2.301		3	3	Below PEL		
		Nitrogen Dioxide	10:00 PM		3	0.038	0.042	0.039		3	3	Below PEL		
			05:20 PM		3	0.042	0.037	0.039		3	3	Below PEL		

* PEL - Permissible Exposure Limit

For, INDICATIVE CONSULTANT INDIA

D. Banerjee

Parbati Gohil

Authorized Signatory



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Table No. - 24

Form No. - 30

INDICATIVE CONSULTANT INDIA

HPL Link Road, Basudevpur, Kharanjachak
Haldia, Purba Medinipur-721602
MSME Reg. No.: WB-12-0000228

Result of Analysis of : M/s. GRAPHITE INDIA LTD.,
Address: Dist – Paschim Bardhaman, Durgapur, PIN-713211, West Bengal

Form No. - 30

Table No. - 25

Register Containing Particulars of monitoring of Work Environment required Under Section 7-A(2)(e) of the Act.
1. Name of the Department/Plant : **GRAPHITE ACHESON SHOP**
2. Raw materials, by-products and finished products : See *Annexure-I*
3. Particular of Sampling :

Sl. No	Location / Operations Monitoring	Identified Contaminant	Date & Time of Monitoring	Sampling Instrument Used	Airborne Contamination		TWA Concentration as given in 2 nd Schedule (mg/m ³)	Reference Method	Number of workers exposed at the location being monitored	Remark	Signature of person taking Samples	Name (in block letters)
					No. of sample	Range mg/m ³						
I.	GRAPHITE ACHESON SHOP	Suspended Particulate Matter	25.08.2025		3	3.457 - 3.484	3.468	10.0	3	Below PEL	<i>T. SUTRAJ, HAR</i>	
		Respirable Particulate Matter			3	1.914 - 1.905	1.899	5.0	3	Below PEL	<i>P. G. CHATTARAJ</i>	
		Susp. Acetone-I			3	1.879			3	Below PEL	<i>P. G. CHATTARAJ</i>	
		Sulphur Dioxide	09:50 AM		3	0.018 - 0.025	0.021	5.0	See Annexure-I			
			10:00		3	0.020			3	Below PEL		
		Nitrogen Dioxide	05:50 PM		3	0.038 - 0.045	0.039	6.0		Below PEL		

* PEL - Permissible Exposure Limit.

For, INDICATIVE CONSULTANT INDIA

Purushottam Golu

Authorized Signatory

P 25/26



INDICATIVE CONSULTANT INDIA

HPL Link Road, Basudevpur, Kharjanchak
Haldia, Purba Medinipur-721602
MSME Reg. No.: WB-12-0000228

Form No. - 30

Table No. - 26

Result of Analysis of: **M/s. GRAPHITE INDIA LTD.**,
Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Register Containing Particulars of monitoring of Work Environment required Under Section 7-A(2)(e) of the Act,

1. Name of the Department/Plant : **BAKING RH - 14 SHOP**
2. Raw materials, by-products and finished products : See Annexure-I
3. Particular of Sampling :

Sl. No	Location / Operation Monitoring	Identified Contaminant	Date & Time of Monitoring	Sampling Instrument Used	Airborne Contamination		TWA Concentration as given in 2 nd Schedule (mg/m ³)	Reference Method	Number of workers exposed at the location being monitored	Remark	Signature of person taking Samples	Name (in block letters)
					No. of sample	Range mg/m ³						
1.	BAKING RH - 14 SHOP	Suspended Particulate Matter	18.08.2025		3	4.111 - 3.987	4.041	10.0	3	-	<i>Parbati Golui</i>	T. SUTRA DHAR
		Respirable Particulate Matter			3	2.221 - 2.187	2.205	5.0	3	-	<i>Parbati Golui</i>	
		Sulphur Dioxide	08:20 AM to 04:20 PM		3	0.019 - 0.018	0.020	5.0	3	-	<i>Parbati Golui</i>	
		Nitrogen Dioxide			3	0.037 - 0.035	0.038	6.0	3	-	<i>Parbati Golui</i>	S. CHATTI ARAJ

* PEL - Permissible Exposure Limit.

For, INDICATIVE CONSULTANT INDIA

Parbati Golui
Authorized Signatory



P 26/26



INDICATIVE CONSULTANT INDIA

HPL, Link Road, Basudevpur, Khanjanchak, Haldia, Purba Medinipur-721602
MSME Reg. No.: WB-12-00002228

Form No. - 30

Table No. - 1

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M/s. GRAPHITE INDIA LTD.

Address: Dist - Paschim Bardhaman, Durgaper, PIN -713211, West Bengal

RESULT OF WORK ZONE MONITORING:-

1. Name of the Department/Plant: **BAKING RH # 24 (III)**
2. Raw materials, by-products and finished products:-
3. Particular of Sampling: - Respirable dust sampler

Location / Operation / monitoring	Identified contaminants	Date & Time of Monitoring	Air Contaminants	TWA Concentration as given in Factory's Act : 20 th Schedule (mg/M ³)	Sampling Instrument used and Reference method	Remark	Signature	Name (in block letters)
BAKING RH # 24 (III)	Methyl Alcohol (as CH ₃ OH)	20.08.2025	<0.1	260		<i>Below PEL</i>	<i>Below PEL</i>	<i>A. BHATTACHARYA</i>
	Ethyl Alcohol (as C ₂ H ₅ OH)		<0.1	1900		<i>Below PEL</i>	<i>Below PEL</i>	
	Formic Acid (as HCOOH)		<0.05	9		<i>Below PEL</i>	<i>Below PEL</i>	
	Benzene (as C ₆ H ₆)	09:00 AM to 05:00 PM	<0.05	20		<i>Below PEL</i>	<i>Below PEL</i>	
	Toluene (as C ₆ H ₅ CH ₃)		<0.05	375		<i>Below PEL</i>	<i>Below PEL</i>	<i>S. CHATTARAJ</i>

PEL - Permissible Exposure Limit

For, INDICATIVE CONSULTANT INDIA


Parmit Chakraborty
Authorized Signatory



P 1/6



INDICATIVE CONSULTANT INDIA
 HPL, Link Road, Basudevpur, Khanjanchak, Haldia, Purba Medinipur-721602
 MSME Reg. No.: WB-12-0000228

Form No. - 30

Table No. - 2

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M/s. GRAPHITE INDIA LTD.

Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

RESULT OF WORK ZONE MONITORING:-

1. Name of the Department/Plant: **RIED HAMMER 24 (I) SECTION SHOP**
2. Raw materials, by-products and finished products:-
3. Particular of Sampling: - Respirable dust sampler

Location / Operation monitoring	Identified contaminants	Date & Time of Monitoring	Air Contaminants	TWA Concentration as given in Factory's Act : 2 nd Schedule (mg/M ³)	Sampling Instrument used and Reference method	Remark:	Signature	Name (in block letters)
RIED HAMMER 24 (I) SECTION SHOP	Methyl Alcohol (as CH ₃ OH)	19.08.2025	<0.1	260		Below PEL		
	Ethyl Alcohol (as C ₂ H ₅ OH)		<0.1	1900		Below PEL		
	Formic Acid (as HCOOH)	09:10 AM	<0.05	9	See Annexure-I	Below PEL		
	Benzene (as C ₆ H ₆)	to	<0.05	20		Below PEL		
	Toluene (as C ₆ H ₅ CH ₃)	05:10 PM	<0.05	375		Below PEL		
								

PEL - Permissible Exposure Limit

For, **INDICATIVE CONSULTANT INDIA**


 Parbati Golui
 Authorized Signatory



P 2/6



INDICATIVE CONSULTANT INDIA

HPL Link Road, Basudevpur, Khanjanchak, Haldia, Purba Medinipur-721602
MSME Reg. No.: WB-12-0000228

Form No. - 30

Table No. - 3

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M/s. GRAPHITE INDIA LTD.

Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

RESULT OF WORK ZONE MONITORING:-

1. Name of the Department/Plant: **BAKING TUNNEL KILN SHOP**
2. Raw materials, by-products and finished products:-
3. Particular of Sampling: - Respirable dust sampler

Location / Operation monitoring	Identified contaminants	Date & Time of Monitoring	Air Contaminants	TWA Concentration as given in Factory's Act : 2 nd Schedule (mg/M ³)	Sampling Instrument used and Reference method	Remark	Signature	Name (in block letters)
BAKING TUNNEL KILN SHOP	Methyl Alcohol (as CH ₃ OH)	19.08.2025	<0.1	260	<i>Below PEL</i>	<i>Below PEL</i>	<i>Below PEL</i>	<i>A. BHATTACHARYA</i>
	Ethyl Alcohol (as C ₂ H ₅ OH)		<0.1	1900				
	Formic Acid (as HCOOH)		<0.05	9	<i>See Annexure-I</i>	<i>Below PEL</i>	<i>Below PEL</i>	
	Benzene (as C ₆ H ₆)	08:40 AM to 04:40 PM	<0.05	20		<i>Below PEL</i>	<i>Below PEL</i>	
	Toluene (as C ₆ H ₅ CH ₃)		<0.05	375		<i>Below PEL</i>	<i>Below PEL</i>	<i>S. CHATTARAJI</i>
	<i>PEL - Permissible Exposure Limit.</i>							

For, INDICATIVE CONSULTANT INDIA

D. Parhati Golai

Authorized Signatory



INDICATIVE CONSULTANT INDIA
 HPL Link Road, Basudevpur, Khanjanchak, Haldia, Purba Medinipur-721602
 MSME Reg. No.: WB-12-0000228

Form No. - 30
Table No. - 4

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M/s. GRAPHITE INDIA LTD.
 Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

RESULT OF WORK ZONE MONITORING:-

1. Name of the Department/Plant: **P.I. UNIT - 2 SHOP**
2. Raw materials, by-products and finished products: -
3. Particular of Sampling: - Respirable dust sampler

Location / Operation monitoring	Identified contaminants	Date & Time of Monitoring	Air Contaminants	TWA	Concentration as given in Factory's Act : 2 nd Schedule (mg/M ³)	Sampling Instrument used and Reference method	Remark	Signature	Name (in block letters)
P.I. UNIT - 2 SHOP	Methyl Alcohol (as CH ₃ OH)	20.08.2025	<0.1	260			Below PEL		
	Ethyl Alcohol (as C ₂ H ₅ OH)		<0.1	1900			Below PEL		
	Formic Acid (as HCOOH)	09:30 AM to 05:30 PM	<0.05	9	See Annexure-I		Below PEL		
	Benzene (as C ₆ H ₆)		<0.05	20			Below PEL		
	Toluene (as C ₆ H ₅ CH ₃)		<0.05	375			Below PEL		
	<i>PEL = Permissible Exposure Limit.</i>								

For, INDICATIVE CONSULTANT INDIA



Parbati Gohain
 Authorized Signatory



P 4/6

INDICATIVE CONSULTANT INDIA

HPL Link Road, Basudevpur, Khanjanchak, Haldia, Purba Medinipur-721602
MSME Reg. No.: WB-12-0000228

Form No. - 30
Table No. - 5

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M/s. GRAPHITE INDIA LTD.

Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

RESULT OF WORK ZONE MONITORING:-

1. Name of the Department/Plant: **ACHESON FURNACE SHOP**
2. Raw materials, by-products and finished products: -
3. Particular of Sampling: - Respirable dust sampler

Location / Operation monitoring	Identified contaminants	Date & Time of Monitoring	Air Contaminants	TWA Concentration as given in Factory's Act 2 nd Schedule (mg/M ³)	Sampling Instrument used and Reference method	Remark	Signature	Name (in block letters)
ACHESON FURNACE SHOP	Methyl Alcohol (as CH ₃ OH)	25.08.2025	<0.1	260	Below PEL	<i>✓✓</i>	<i>✓✓</i>	^A BHATTACHARYA
	Ethyl Alcohol (as C ₂ H ₅ OH)		<0.1	1900	Below PEL			
	Formic Acid (as HCOOH)		<0.05	9	See Annexure-I			
	Benzene (as C ₆ H ₆)	09:50 AM to 05:50 PM	<0.05	20	Below PEL			
	Toluene (as C ₆ H ₅ CH ₃)		<0.05	375	Below PEL			
								^S CHATTARAJ

PEL - Permissible Exposure Limit.

For, **INDICATIVE CONSULTANT INDIA**

Parbati Golui

Authorized Signatory



P 5/6



INDICATIVE CONSULTANT INDIA

HPL Link Road, Basudevpur, Khanjanchak, Haldia, Purba Medinipur-721602
MSME Reg. No.: WB-124000228

Form No. - 30
Table No. - 6

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M/s. GRAPHITE INDIA LTD.

Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

RESULT OF WORK ZONE MONITORING:-

1. Name of the Department/Plant: **LWG – 4 SHOP**
2. Raw materials, by-products and finished products: -
3. Particular of Sampling: - Respirable dust sampler

Location / Operation monitoring	Identified contaminants	Date & Time of Monitoring	Air Contaminants	TWA Concentration as given in Factory's Act 2 nd Schedule (mg/M ³)	Sampling Instrument used and Reference method	Remark	Signature	Name (in block letters)
LWG - 4 SHOP	Methyl Alcohol (as CH ₃ OH)	22.08.2025	<0.1	260	<i>Below PEL</i>		<i>Below PEL</i>	<i>A.</i> <i>BHATTACHARYA</i>
	Ethyl Alcohol (as C ₂ H ₅ OH)		<0.1	1900	<i>Below PEL</i>		<i>Below PEL</i>	
	Formic Acid (as HCOOH)		<0.05	9	<i>See Annexure-I</i>		<i>Below PEL</i>	
	Benzene (as C ₆ H ₆)	10:40 AM to 06:40 PM	<0.05	20	<i>Below PEL</i>		<i>Below PEL</i>	
	Toluene (as C ₆ H ₅ CH ₃)		<0.05	375	<i>Below PEL</i>		<i>Below PEL</i>	<i>S.</i> <i>CHATTARAJ</i>
	<i>PEL - Permissible Exposure Limit.</i>							

For, INDICATIVE CONSULTANT INDIA

Parbati Gold
Authorized Signatory



P 66



INDICATIVE CONSULTANT INDIA

HPI, Link Road, Basudevpur, Khanjanchak
Haldia, Purba Medinipur-721602
MSME Reg. No.: WB-12-0000228

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Form No. - 30Table No. - 1

Result of Analysis: M/s. GRAPHITE INDIA LTD,
Address: Dist – Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Height from the floor : 1.5 M

Distance from the Machine: 3.0 M

Sl. No	Location	Parameter	Date of Monitoring	Starting Time	Sampling Instrument Use	Sound Level dB(A)	Average Reading	Total Time	Limit	Reference Method	Number of Persons exposed	Signature of person taking sample	Name in block letters
1.	EXTRUSION #1 ON #1 PRESS FLOOR	Noise level Monitoring	23.08.2025	10:10 AM	Annexure- I	69.8	71.4	70.4	68.9	67.8	69.4	8 hrs.	Exposure Limit for Industrial workers (8 hrs.) = 90 dB(A)

For, INDICATIVE CONSULTANT INDIA


Parbati Gohil
Authorized Signatory



INDICATIVE CONSULTANT INDIA

HPL, Link Road, Basudevpur, Khariganjchak
 Haldia, Purba Medinipur-721602
 MSME Reg. No.: WB-12-0000228

Ph. - 03224-275765
 Mob. - 94340 17584
 e-mail : jayanatakar67@gmail.com/
indicativeconsultantindia@gmail.com

Result of Analysis: **M/s. GRAPHITE INDIA LTD.,**
 Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Form No. - 30

Table No. - 2

Height from the floor : 1.5 M

Distance from the Machine : 3.0 M

Sl. No	Location	Parameter	Date of Monitoring	Starting Time	Sampling Instrument Use	Sound Level dB(A)	Average Reading	Total Time	1.limit	Reference Method	Number of Persons exposed	Signature of person taking sample	Name in block letters
1.	EXTRUSI ON #2 PRESS FLOOR	Noise level Monitoring	25.08.2025	03:35 PM	Annexure- I	84.6 83.8 83.9 84.2 84.3 83.6 84.1 83.8 83.9 84.0	84.0	8 hrs.	Exposure Limit for Industrial workers (8 hrs.) = 90 dB(A)	Annexure- I	3	<i>D</i>	S. CHATTA RAJ

For, INDICATIVE CONSULTANT INDIA

D
 Parbati Golui
 Authorized Signatory



INDICATIVE CONSULTANT INDIA
 HPL Link Road, Basudevpur, Khanjamchuk
 Haldia; Purba Medinipur-721602
 MSME Reg. No.: WB-12-00000228

Ph - 03224-275765
 Mob - 94340 17584
 e-mail : jayanta.sarkar67@gmail.com/
indicativeconsultantindia@gmail.com

Form No. -30

Table No. -3

Result of Analysis: M/s. GRAPHITE INDIA LTD.,
 Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Height from the floor : 1.5 M

Distance from the Machine : 3.0 M

Sl. No	Location	Parameter	Date of Monitoring	Starting Time	Sampling Instrument Use	Sound Level dB(A)	Average Reading	Total Time	Limit	Reference Method	Number of Persons exposed	Signature of person taking sample	Name in block letters
1.	ENTRUSI ON #2 14 METER FLOOR	Noise level Monitoring	25.08.2025	04:15 PM	Annexure- I	84.7 83.6 84.7 85.4 83.6 84.4	84.3	8 hrs.	Exposure Limit for Industrial workers (8 hrs.) = 90 dB(A)	Annexure- I	3		S. CHATTAR AJ

For, INDICATIVE CONSULTANT INDIA



Parbati Ghosh
Authorized Signatory



INDICATIVE CONSULTANT INDIA

HPL Link Road, Basudevpur, Khanjanchak
Haldia, Purba Medinipur-721602
MSME Reg. No.: WB-12-00000228

Result of Analysis: M/s. GRAPHITE INDIA LTD.,
Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Height from the floor : 1.5 M

Distance from the floor : 1.5 M
Distance from the Machine : 3.0 M

Table No. - 4**Form No. - 30**

Ph. - 03224-275765
Mob. - 94340 17584
e-mail : joyanta.sarkar67@gmail.com/
indicativeconsultantindia@gmail.com

Sl. No	Location	Parameter	Date of Monitoring	Starting Time	Sampling Instrument Used	Sound Level dB(A)	Average Reading	Total Time	Limit	Reference Method	Number of Persons exposed	Signature of person taking sample	Name in block letters
1.	BAKING RH - 24 (III) SHOP FLOOR	Noise level Monitoring	23.08.2025	12:45 PM	Annexure- I	85.2	83.9	84.4	83.6	Exposure Limit for Industrial workers (8 hrs.) = 90 dB(A)	3		S. CHITTAR AJ

For, INDICATIVE CONSULTANT INDIA


Parbat Gorai
Authorized Signatory



P-4/27



INDICATIVE CONSULTANT INDIA

HPL Link Road, Basudevpur, Kharijanchak
Haldia; Purba Medinipur-721602
MSME Reg. No.: WB-12-0000228

Form No. - 30**Table No. - 5**

Result of Analysis: **M/s. GRAPHITE INDIA LTD.,**
Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Height from the floor : 1.5 M

Distance from the Machine : 3.0 M

Sl. No	Location	Parameter	Date of Monitoring	Starting Time	Sampling Instrument Use	Sound Level dB(A)	Average Reading	Total Time	Limit	Reference Method	Number of Persons exposed	Signature of person taking sample	Name in block letters
1.	BAKING RH- 14 SECTION SHOP FLOOR	Noise level Monitoring	23.08.2025	10:45 AM	Annexure- I	83.6	84.4			Exposure Limit for Industrial workers (8 hrs.) = 90 dB(A)	3		T. SULTRADHAR
						84.4	84.4			Annexure- I	3		S. CHATTERJEE
						84.7	84.7						
						85.4	85.4						
						83.9	83.9						
						84.6	84.6						
						85.7	85.7						

For, INDICATIVE CONSULTANT INDIA



Parbati Golui
Authorized Signatory



P.S/27

INDICATIVE CONSULTANT INDIA

HPL Link Road, Basudevpur, Khanjanchak
Haldia, Purba Medinipur-721602
MSME Reg. No.: WB-12-0000228

Result of Analysis: M/s. GRAPHITE INDIA LTD.,
Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Form No. - 30

Height from the floor : 1.5 M

Distance from the Machine : 3.0 M

Table No. - 6

Sl. No	Location	Parameter	Date of Monitoring	Starting Time	Sampling Instrument Use	Sound Level dB(A)	Average Reading	Total Time	Limit	Reference Method	Number of Persons exposed	Signature of person taking sample	Name in block letters
1.	BAKING RH-16 SHOP FLOOR	Noise level Monitoring	23.08.2025	11:20 AM	ANNEXURE- I	84.2	84.2	84.2	84.2	Exposure Limit for Industrial workers (8 hrs.) = 90 dB(A)	3		T. SUTRADHAR

For, INDICATIVE CONSULTANT INDIA


Parbati Goswami
Authorized Signatory



P 6/27



INDICATIVE CONSULTANT INDIA

HPL Link Road, Basudevpur, Kharanjanchak
Haldia; Purba Medinipur-721602
MSME Reg. No.: WB-12-0000228

Result of Analysis: **M/s. GRAPHITE INDIA LTD.,**
Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Form No. - 30

Table No. - 7

Height from the floor : 1.5 M

Distance from the Machine : 3.0 M

Sl. No	Location	Parameter	Date of Monitoring	Starting Time	Sampling Instrument Use	Sound Level (dB(A))	Average Reading	Total Time	Limit	Reference Method	Number of Persons exposed	Signature of person taking sample	Name in block letters	
1.	BAKING RH- 24(D) SECTION SHOP FLOOR	Noise level Monitoring	23.08.2025	12:05 PM	Annexure-1	83.8	84.6	84.9	85.2	84.4	8 hrs.	Exposure Limit for Industrial workers (8 hrs.) - 90 dB(A)		S. CHATTARAJ
						84.1	84.7	85.2	83.6	84.9		Annexure-1		Parbati Chakraborty
						83.6	84.9	84.9	84.9	84.9				T. SUTRADHAR

For, INDICATIVE CONSULTANT INDIA


Parbati Chakraborty
Authorized Signatory



P 7/77

INDICATIVE CONSULTANT INDIA
 HPL Link Road, Basudevpur, Khanjanchak
 Haldia, Purba Medinipur-721602
 MSME Reg. No.: WB-12-0900228

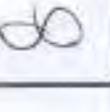
Form No. - 30

Table No. - 8

Result of Analysis: M/s. GRAPHITE INDIA LTD.,
 Address: Dist- Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Height from the floor : 1.5 M

Distance from the Machine : 3.0 M

Sl. No	Location	Parameter	Date of Monitoring	Starting Time	Sampling Instrument Use	Sound Level dB(A)	Average Reading	Total Time	Limit	Reference Method	Number of Persons exposed	Signature of person taking sample	Name in block letters
1.	BAKING RH - 24 (II)	Noise level Monitoring	23.08.2025	02:05 PM	Annexure - I	85.2 83.8 84.5 84.1 83.7 84.6	84.3	8 hrs.	Exposure Limit for Industrial workers (8 hrs.) = 90 dB(A)	Annexure - I	3		T. SUTRADHAR

For: INDICATIVE CONSULTANT INDIA



Parbati Golui
Authorized Signatory



P/R/27



INDICATIVE CONSULTANT INDIA

HPL Link Road, Basudevpur, Khanjanchak
Haldia; Purba Medinipur-721602
MSME Reg. No.: WB-12-00000228

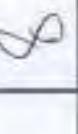
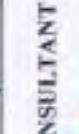
Result of Analysis: M/s. GRAPHITE INDIA LTD.,
Address: Dist – Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Height from the floor : 1.5 M

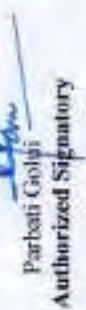
Height from the Machine : 3.0 M

Form No. – 30 Table No. – 9

Ph. - 03224-275765
Mob. – 94340 17584
e-mail : joyanta.sarkar67@gmail.com/
indicativeconsultantindia@gmail.com

Sl. No	Location	Parameter	Date of Monitoring	Starting Time	Sampling Instrument Use	Sound Level dB(A)	Average Reading	Total Time	Limit	Reference Method	Number of Persons exposed	Signature of person taking sample	Name in block letters
1.	BAKING TUNNEL KILN SHOP	Noise level Monitoring	22.08.2025	04:20 PM	Annexure- I	84.9	84.9	8 hrs.	Exposure Limit for Industrial workers (8 hrs.) = 90 dB(A)	Annexure- I	3		Parbati Goloi Authorized Signatory
						84.9	85.4						S. CHATTERJEE
						85.6	85.9						S. CHATTERJEE
						85.4	85.9						S. CHATTERJEE
						84.6	85.4						S. CHATTERJEE

For, INDICATIVE CONSULTANT INDIA


Parbati Goloi
Authorized Signatory

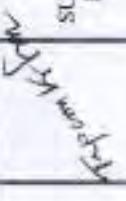
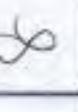


INDICATIVE CONSULTANT INDIA

HPL 1 Link Road, Basudevpur, Kharanjanchak
Haldia; Purba Medinipur-721602
MSME Reg. No.: WB-12-00002228

Result of Analysis: M/s. GRAPHITE INDIA LTD.,
Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Height from the floor : 1.5 M

Sl. No	Location	Parameter	Date of Monitoring	Starting Time	Sampling Instrument Use	Sound Level dB(A)	Average Reading	Total Time	Limit	Reference Method	Number of Persons exposed	Signature of person taking sample	Name in block letters
1.	PITCH IMPREG NATION UNIT # 2 SHOP	Noise level Monitoring	22.08.2025	02:40 PM	Annexure- I	84.1	84.1						T. SUTRADHAR
						85.6	85.6						K. S. JUMA
						86.2	86.2						S. CHATTARAJ
						84.9	84.9						
						83.8	84.9						
						84.0	84.0						
						85.2	85.2						
						84.6	84.6						
						86.1	86.1						
						84.9	84.9						

Distance from the Machine : 3.0 M

Form No. - 30 **Table No. - 10**

For, INDICATIVE CONSULTANT INDIA


Parbati Golui
Authorized Signatory



INDICATIVE CONSULTANT INDIA

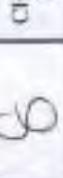
HPL Link Road, Basudevpur, Khanjanchak
Haldia, Purba Medinipur-721602
MSME Reg. No.: WB-12-0000228

Form No. - 30**Table No. - 11**

Result of Analysis: **M/s. GRAPHITE INDIA LTD.,**
Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Height from the floor : 1.5 M

Distance from the Machine : 3.0 M

Sl. No	Location	Parameter	Date of Monitoring	Starting Time	Sampling Instrument Use	Sound Level dB(A)	Average Reading	Total Time	Limit	Reference Method	Number of Persons exposed	Signature of person taking sample	Name in block letters
1.	PITCH IMPREG NATION UNIT # 3 SHOP	Noise level Monitoring	22.08.2025	03:15 PM	Annexure- I	84.9	85.6	8 hrs.	Exposure Limit for Industrial workers (8 hrs.) = 90 dB(A)	Annexure- I	3		Parbati Chaitia Authorized Signatory

For, INDICATIVE CONSULTANT INDIA



Parbati Chaitia
Authorized Signatory



P 11/27



25

1990-2024

INDICATIVE CONSULTANT INDIA
 101, Link Road, Basudevpur, Khanjanchak
 Haldia; Purba Medinipur-721602
 MSME Reg. No.: WB-12-00000228

Form No.-30

Table No.-12

Result of Analysis: M/s. GRAPHITE INDIA LTD.,
Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Height from the floor : 1.5 M

Distance from the Machine : 3.0 M

Sl. No	Location	Parameter	Date of Monitoring	Starting Time	Sampling Instrument Use	Sound Level (dB(A))	Average Reading	Total Time	Limit	Reference Method	Number of Persons exposed	Signature of person taking sample	Name in block letters
1.	PITCH IMPREG NATION UNIT # 4 SHOP	Noise level Monitoring	22.08.2025	03:40 PM	Annexure- I	83.9 85.4 84.4 85.8 85.7	85.7	8 hrs.	Exposure limit for Industrial workers (8 hrs.) = 90 dB(A)	Annexure- I	3		T. SUTRADHAR

For, INDICATIVE CONSULTANT INDIA


 Parbat Golai
 Authorized Signatory



P 12/27



INDICATIVE CONSULTANT INDIA

HPL Link Road, Basudevpur, Khanjanchak
Haldia; Purba Medinipur-721602
MSME Reg. No.: WB-12-0000228

Form No. - 30 Table No. - 13

Result of Analysis: **M/s. GRAPHITE INDIA LTD.,**
Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Height from the floor : 1.5 M

Distance from the Machine : 3.0 M

Sl. No	Location	Parameter	Date of Monitoring	Starting Time	Sampling Instrument Use	Sound Level dB(A)	Average Reading	Total Time	Limit	Reference Method	Number of Persons exposed	Signature of person taking sample	Name in block letters
1.	LWG # 3 SHOP	Noise level Monitoring	22.08.2025	10:35 A.M	Annexure- I	83.9	83.6	8 hrs.	Exposure Limit for Industrial workers (8 hrs.) - 90 dB(A)	Annexure- I	3		T. SUTRADHAR

For, INDICATIVE CONSULTANT INDIA


Parbati Ghosh
Authorized Signatory



P 13/27

INDICATIVE CONSULTANT INDIA

HPL Link Road, Basudevpur, Kharjanchak
Haldia; Purba Medinipur-721602
MSME Reg. No.: WB-12-00000228

Result of Analysis: **M/s. GRAPHITE INDIA LTD.,**
Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Height from the floor : 1.5 M

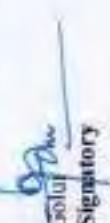
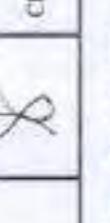
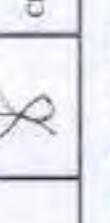
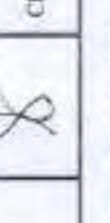
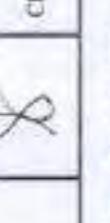
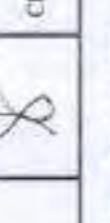
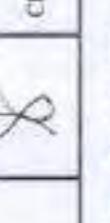
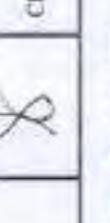
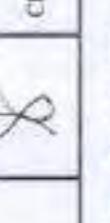
Height from the floor : 1.5 M

Distance from the Machine : 3.0 M

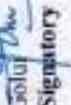
Table No. - 14

Form No. - 30

Ph- 03224-275765
Mob - 94740 17584
e-mail : javanatasarkar67@gmail.com/
indicativeconsultantindia@gmail.com

Sl. No	Location	Parameter	Date of Monitoring	Starting Time	Sampling Instrument Use	Sound Level dB(A)	Average Reading	Total Time	Limit	Reference Method	Number of Persons exposed	Signature of person taking sample	Name in block letters
1.	IWG # 4 SHOP	Noise level Monitoring	22.08.2025	10:50 AM	Annexure- I	82.4	82.4						T. SUTRADHAR
						83.6	83.6						A. K. CHATTERJEE
						84.9	84.9						S. CHATTERJEE
						84.4	84.4						S. CHATTERJEE
						82.7	82.7						S. CHATTERJEE
						82.2	82.2						S. CHATTERJEE
						84.1	84.1						S. CHATTERJEE
						83.2	83.2						S. CHATTERJEE
						84.6	84.6						S. CHATTERJEE
						82.6	82.6						S. CHATTERJEE

For, INDICATIVE CONSULTANT INDIA


Parbati Golui
Authorized Signatory



P 14/27

INDICATIVE CONSULTANT INDIA

HPL Link Road, Basudevpur, Khanjanchak
Haldia; Purba Medinipur-721602
MSME Reg. No.: WB-12-400007228

Result of Analysis: M/s. GRAPHITE INDIA LTD.,
Address: Dist - Paschim Bardhaman, Durgapur, PIN - 713731 West

Height from the floor: 15 M

Form No. - 30

Table No. 15

Distance from the Machine : 3.0 M

Distance from the machine : 3.0 M								
Sl. No	Location	Parameter	Date of Monitoring	Starting Time	Sampling Instrument Use	Sound Level dB(A)	Average Reading	Total Time
1.	LWG # 5 SHOP	Noise level Monitoring	22.08.2025	11:05 AM	Annexure- I	82.8 83.8 85.6 82.8 83.9 84.0 84.1 85.4 85.3 82.9	83.6	8 hrs.
								Exposure Limit for Industrial workers (8 hrs.) = 90 dB(A)
								Annexure- I
								3
								T. SUTRADH AK
								S. CHAITAR AJ

For, INDICATIVE CONSULTANT INDIA

Partai Golongan
Authorized Signatory



15/27

A circular red stamp with the words "TESTING SERVICES" at the top and bottom. In the center is the number "25". The stamp is partially obscured by a white rectangular box.

INDICATIVE CONSULTANT INDIA

HPL Link Road, Basudevpur, Khamjanchak
Haldiram, Purba Medinipur-721602
MSME Reg. No.: WB-12-0000228

Result of Analysis: **M/s. GRAPHITE INDIA LTD.,**
Address: Dist – Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Height from the floor : 1.5 M

Form No. -30

Table No. -16

Ph - 03224-275765
Mob - 94340 17584
e-mail: jayanta.sarkar67@gmail.com/
indicativeconsultantindia@gmail.com

Distance from the Machine : 3.0 M

Sl. No	Location	Parameter	Date of Monitoring	Starting Time	Sampling Instrument Use	Sound Level dB(A)	Average Reading	Total Time	Limit	Reference Method	Number of Persons exposed	Signature of person taking sample	Signature of person taking sample	Name in block letters
1.	FINISHING # 1 SHOP FLOOR	Noise level Monitoring	22.08.2025	11:35 AM	Annexure- I	84.1	84.1	8 hrs.	Exposure Limit for Industrial workers (8 hrs) = 99 dB(A)	Annexure- I	3			T. SUTRADHAR Parbati Chakraborty S. Chattaraj AJ

For, INDICATIVE CONSULTANT INDIA


Parbati Chakraborty
Authorized Signatory



P 16/27



INDICATIVE CONSULTANT INDIA

HPL Link Road, Basudevpur, Khanjanchak
Haldia; Purba Medinipur-721602
MSME Reg. No.: WB-12-0000228

Result of Analysis: M/s. GRAPHITE INDIA LTD,
Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Height from the floor : 1.5 M

Form No. -30

Table No. -17

Ph. - 03224-275765
Mob. - 94340 17584
e-mail: joyanta.sarkar67@gmail.com/
indicativeconsultantmedia@gmail.com

Distance from the Machine : 3.0 M

Sl. No	Location	Parameter	Date of Monitoring	Starting Time	Sampling Instrument Use	Sound Level dB(A)	Average Reading	Total Time	Limit	Reference Method	Number of Persons exposed	Signature of person taking sample	Name in block letters
1.	FINISHING #2 SHOP FLOOR	Noise level Monitoring	22.08.2025	12:15 PM	Annexure- I	85.6	84.7	8 hrs.	Exposure Limit for Industrial workers (8 hrs.) = 90 dB(A)	Annexure- I	3		T. SUTRADHAR

For, INDICATIVE CONSULTANT INDIA


Parbati Ghosh
Authorized Signatory



P 17/29

INDICATIVE CONSULTANT INDIA

HPL Link Road, Basudevpur, Khanjanchak
Haldia; Purba Medinipur-721602
MSME Reg. No.: WB-12-00000228

Result of Analysis: **M/s. GRAPHITE INDIA LTD.,**
Address: Dist – Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Height from the floor : 1.5 M

Form No. – 30

Table No. – 18

Ph. - 03224-275765
Mob. - 94340 17384
e-mail : joyantacarkar67@gmail.com
indicativeconsultantindia@gmail.com

Distance from the Machine : 3.0 M

Sl. No	Location	Parameter	Date of Monitoring	Starting Time	Sampling Instrument Use	Sound Level dB(A)	Average Reading	Total Time	Limit	Reference Method	Number of Persons exposed	Signature of person taking sample	Name in block letters
1.	FINISHING # 3 SHOP FLOOR	Noise level Monitoring	22.08.2025	12:50 PM	Annexure- I	84.4	83.9			Exposure Limit for Industrial workers (8 hrs.) = 90 dB(A)			T. SUTRADHAR
						85.1	84.3			Annexure- I	3		
						84.6	84.3						
						84.9	84.3						
						83.6	84.4						
						85.2	83.8						

For, INDICATIVE CONSULTANT INDIA

Parbati Gorai
Authorized Signatory



INDICATIVE CONSULTANT INDIA

HPL, Link Road, Basudevpur, Khanjanchak
Haldia; Purba Medinipur-721602
MSME Reg. No.: WB-12-0000228

Result of Analysis: **M/s. GRAPHITE INDIA LTD.,**
Address: Dist – Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Height from the floor : 1.5 M

Table No. – 19

Form No. – 30

Distance from the Machine : 3.0 M

Sl. No	Location	Parameter	Date of Monitoring	Starting Time	Sampling Instrument Use	Sound Level dB(A)	Average Reading	Total Time	Limit	Reference Method	Number of Persons exposed	Signature of person taking sample	Name in block letters
1.	GRAPHITE ACHESON SHOP	Noise level Monitoring	22.08.2025	05:00 PM	Annexure- I	81.9	84.1			Exposure Limit for Industrial workers (8 hrs.) – 90 dB(A)		K. S. T.	SUTRADHAR
						83.4	82.8						
						82.9	83.0						
						81.8	82.4						
						83.0							S. CHATTERJEE

For, INDICATIVE CONSULTANT INDIA



Parbati Ghosh
Authorized Signatory



P 19/27



INDICATIVE CONSULTANT INDIA

HPL, Link Road, Basudevpur, Khanijanchak
Haldia; Purba Medinipur-721602
MSME Reg. No.: WB-12-0000228

Result of Analysis: **M/s. GRAPHITE INDIA LTD.,**
Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Height from the floor : 1.5 M

Form No. -30

Table No. -20

Ph. - 03224-275765
Mob. - 94340 17584
e-mail: jayanwarakar67@gmail.com
indicativeconsultantindia@gmail.com

Distance from the Machine : 3.0 M

Sl. No	Location	Parameter	Date of Monitoring	Starting Time	Sampling Instrument Use	Sound Level dB(A)	Average Reading	Total Time	Limit	Reference Method	Number of Persons exposed	Signature of person taking sample	Name in block letters
1.	GRAPHITE FINES SCREENING SHOP	Noise level Monitoring	22.08.2025	02:05 PM	Annexure- I	83.7	83.7	8 hrs.	Exposure Limit for Industrial workers (8 hrs) = 99 dB(A)	Annexure- I	3		T. SUTRADHAR

For, INDICATIVE CONSULTANT INDIA


Parthi Golui
Authorized Signatory



INDICATIVE CONSULTANT INDIA

HPL Link Road, Basudevpur, Kharjanchak
Haldiram, Purba Medinipur-721602
MSME Reg. No.: WB-12-0000228

Result of Analysis: M/s. GRAPHITE INDIA LTD,
Address: Dist – Paschim Bardhaman, Durgapur, PIN-713211, West Bengal

Height from the floor : 1.5 M

Form No. - 30

Table No. - 21

Ph. - 03224-275765
Mob. - 94340 17584
e-mail: jayanta.sarkar67@gmail.com
indicativeconsultantindia@gmail.com

Distance from the Machine : 3.0 M

Sl. No	Location	Parameter	Date of Monitoring	Starting Time	Sampling Instrument Use	Sound Level dB(A)	Average Reading	Total Time	Limit	Reference Method	Number of Persons exposed	Signature of person taking sample	Name in block letters
1.	CORE SAMPLE SHED	Noise level Monitoring	25.08.2025	02:50 PM	Annexure- I	81.4	81.9	83.6	82.2	Exposure Limit for Industrial workers (8 hrs.) = 90 dB(A)	3		T. SUTRADHAR

For, INDICATIVE CONSULTANT INDIA


Parbati Golui
Authorized Signatory



P 21/27



INDICATIVE CONSULTANT INDIA

HPL Link Road, Basudevpur, Khanjanchak
Haldia; Purba Medinipur-721602
MSME Reg. No.: WB-12-0000228

Result of Analysis: M/s. GRAPHITE INDIA LTD.,
Address: Dist – Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Height from the floor : 1.5 M

Form No. – 30

Table No. – 22

Ph. - 03224-275765
Mob. - 94340 17584
e-mail : japonitasarkar67@gmail.com
indicativeconsultantindia@gmail.com

Distance from the Machine : 3.0 M

Sl. No	Location	Parameter	Date of Monitoring	Starting Time	Sampling Instrument Use	Sound Level (dB(A))	Average Reading	Total Time	Limit	Reference Method	Number of Persons exposed	Signature of person taking sample	Name in block letters
1.	FINISHING UNIT # 4	Noise level Monitoring	25.08.2025	12:10 PM	Annexure- I	83.6 82.4 84.9 83.6 84.6 85.8 83.4 84.1 83.8 84.4	84.1	8 hrs.	Exposure Limit for Industrial workers (8 hrs.) = 90 dB(A)	Annexure- I	3	S. CHATT ARAJ	T. SUTRA DHAR

For, INDICATIVE CONSULTANT INDIA


Parbati Goswami
Authorized Signatory



INDICATIVE CONSULTANT INDIA

HPL, Link Road, Basudevpur, Kharjanchak
Haldia, Purba Medinipur-721602
MSME Reg. No.: WB-12-09000228

Result of Analysis: **M/s. GRAPHITE INDIA LTD.,**
Address: Dist – Paschim Bardhaman, Durgapur, PIN-713211, West Bengal

Height from the floor : 1.5 M

Form No. – 30

Table No. – 23

Ph. - 03224-275765
Mob. - 94340 17584
e-mail: jayantavarakar67@gmail.com
indicativeconsultantindia@gmail.com

Distance from the Machine : 3.0 M

Sl. No	Location	Parameter	Date of Monitoring	Starting Time	Sampling Instrument Use	Sound Level dB(A)	Average Reading	Total Time	Limit	Reference Method	Number of Persons exposed	Signature of person taking sample	Name in block letters
1.	SHIPPING # 2	Noise level Monitoring	25.08.2025	10:40 AM	Annexure- I	75.4	75.4	8 hrs.	Exposure limit for Industrial workers (8 hrs) – 90 dB(A)	Annexure- I	3	<i>S.</i>	<i>S. CHAITARAJ</i>
						76.2	76.2					<i>S.</i>	
						74.4	74.4					<i>S.</i>	
						75.0	75.0					<i>S.</i>	
						75.2	75.2					<i>S.</i>	
						74.8	74.8					<i>S.</i>	
						75.0	75.0					<i>S.</i>	
						74.9	74.9					<i>S.</i>	

For, **INDICATIVE CONSULTANT INDIA**

Parkati Goswami
Authorized Signatory



P.23/27



INDICATIVE CONSULTANT INDIA

HPL Link Road, Basudevpur, Kharjanchak
Haldia, Purba Medinipur-721602
MSME Reg. No.: WB-12-0000228

Result of Analysis: **M/s. GRAPHITE INDIA LTD.,**
Address: Dist – Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Form No. – 30

Table No. – 24

Height from the floor : 1.5 M

Sl. No	Location	Parameter	Date of Monitoring	Starting Time	Sampling Instrument Use	Sound Level dB(A)	Average Reading	Total Time	Limit	Reference Method	Number of Persons exposed	Signature of person taking sample	Distance from the Machine : 3.0 M	
													T. SUTRA DHAR	
1. SHIPPING # 4	Noise level Monitoring		25.08.2025	11.35 AM	Annexure- I	77.4	75.8	8 hrs.			3			S. CHATTARAJ

For, INDICATIVE CONSULTANT INDIA

Parbati Golui
Authorized Signatory



P 24/27



INDICATIVE CONSULTANT INDIA

HPL Link Road, Basudevpur, Khanjanchak
Haldia; Purba Medinipur-721602
MSME Reg. No.: WB-12-00000228

Result of Analysis: **M/s. GRAPHITE INDIA LTD.,**
Address: Dist – Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Height from the floor : 1.5 M

Distance from the Machine : 3.0 M

Form No. – 30

Table No. – 25

Pk - 01224-275765
Mob - 94340 17584
e-mail : jayanta.sarkar67@gmail.com/
indicativeconsultantindia@gmail.com

Sl. No	Location	Parameter	Date of Monitoring	Starting Time	Sampling Instrument Use	Sound Level dB(A)	Average Reading	Total Time	Limit	Reference Method	Number of Persons exposed	Signature of person taking sample	Name in block letters
1.	STORE	Noise level Monitoring	25.08.2025	12.45 PM	Annexure- I	64.4	62.8	64.4	64.9	Exposure Limit for Industrial workers (8 hrs.) = 90 dB(A)	3		T. SUTRA DHAR
						63.6	62.8	64.1	65.3	Annexure- I			S. CHATTERJEE
						64.6	63.8	64.6	63.8				

For, INDICATIVE CONSULTANT INDIA

Parbati Golu
Authorized Signatory



INDICATIVE CONSULTANT INDIA

HPL, Link Road, Basudevpur, Kharjanchak
 Haldia; Purba Medinipur-721602
 MSME Reg. No.: WB-12-00000228

Result of Analysis: M/s. GRAPHITE INDIA LTD.,
 Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Height from the floor : 1.5 M

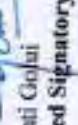
Form No. - 30**Table No. - 26**

Ph. - 03224-275765
 Mob. - 94340 17584
 e-mail: joyonitarakar67@gmail.com/
 indicativeconsultantindia@gmail.com

Distance from the Machine : 3.0 M

Sl. No	Location	Parameter	Date of Monitoring	Starting Time	Sampling Instrument Use	Sound Level (dB(A))	Average Reading	Total Time	Limit	Reference Method	Number of Persons exposed	Signature of person taking sample	Name in block letters
1.	MAINTENANCE	Noise level Monitoring	25.08.2025	02:10 PM	Annexure- I	65.4	65.4			Exposure limit for Industrial workers (8 hrs) = 90 dB(A)			T. SUTRA DHAR
						64.6	67.2	8 hrs.		Annexure- I	3		S. CHATTARAJ
						64.8							
						65.4							
						64.6							
						65.1							

For, INDICATIVE CONSULTANT INDIA


 Parbati Gorai
 Authorized Signatory



INDICATIVE CONSULTANT INDIA

HPL Link Road, Basudevpur, Khanjanchak
Haldia, Purba Medinipur-721602
MSME Reg. No.: WB-12-0000228

Result of Analysis: **M/S. GRAPHITE INDIA LTD.,**
Address: Dist – Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Height from the floor : 1.5 M

Distance from the Machine : 3.0 M

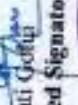
Table No. – 30

Table No. – 27

Ph. - 03224-275765
Mob. - 943340 17584
e-mail: jayanthaakar67@gmail.com/
indicativeconsultantindia@gmail.com

Sl. No	Location	Parameter	Date of Monitoring	Starting Time	Sampling Instrument Use	Sound Level dB(A)	Average Reading	Total Time	Limit	Reference Method	Number of Persons exposed	Signature of person taking sample	Name in block letters
1.	SHIPPING # 1	Noise level Monitoring	25.08.2025	10:15 AM	Annexure- I	74.6	74.9	8 hrs.	Exposure Limit for industrial workers (8 hrs.) = 90 dB(A)	Annexure- I	3		P. CHATTARAJ

For, INDICATIVE CONSULTANT INDIA


Parbati Ghosh
Authorized Signatory



P 27/27



INDICATIVE CONSULTANT INDIA

109, Link Road, Basudevpur, Khurramchak
Haldia, Purba Medinipur - 721 602
MSME Reg. No.: WB-12-0900228
M/s. GRAPHITE INDIA LTD.

Form No.-30

Table No.-1

Address: Dist - Paschim Bardhaman, Durgapur, PIN - 713 211, (West Bengal)

Result of Analysis :-

Register Containing Particulars of *Testing of Illumination Level*

Sl. No.	Name of Locations	Parameter	Date & Time of Monitoring	Sampling Instrument Used	Reference Method	Illumination Level in Lux	Limit Lux	Remarks	Signature	Name
1	EXTRUSION #1 PRESS WORKING AREA					99	65	Adequate		
2	SHIPPING # 1 WORKING AREA					258	65	Adequate		
3	EXTRUSION # 2 PRESS WORKING AREA					114	65	Adequate		
4	EXTRUSION # 2 14 MTR WORKING AREA					142	65	Adequate		
5	REID HAMMER BAKING # 14 WORKING AREA					122	65	Adequate		
6	REID HAMMER BAKING # 16 WORKING AREA					148	65	Adequate		
7	REID HAMMER BAKING # 24 (1) WORKING AREA		22.08.2025			96	65	Adequate		
8	REID HAMMER BAKING # 24 (2) WORKING AREA			Digital Lux Meter	By Digital Lux Meter	189	65	Adequate		
9	REID HAMMER BAKING # 24 (3) WORKING AREA					172	65	Adequate		
10	BAKING LINE # 1 WORKING AREA		6:20 PM			211	65	Adequate		
11	PICTURE IMPREGNATION UNIT # 2 WORKING AREA		to			349	65	Adequate		
12	PICTURE IMPREGNATION UNIT # 3 WORKING AREA					402	65	Adequate		
13	PICTURE IMPREGNATION UNIT # 4 WORKING AREA					179	65	Adequate		
14	WORK # 1 WORKING AREA					345	65	Adequate		
15	WORK # 2 WORKING AREA					142	65	Adequate		
16	WORK # 3 WORKING AREA					178	65	Adequate		
17	GRAPHITE ACESON WORKING AREA					325	65	Adequate		
18	FINISHING # 1 WORKING AREA					356	65	Adequate		
19	FINISHING # 2 WORKING AREA					371	65	Adequate		
20	FINISHING # 3 WORKING AREA					402	65	Adequate		
21	FINISHING # 4 WORKING AREA					321	65	Adequate		
22	MAINTENANCE DEPARTMENT					398	65	Adequate		
23	MAIN STORE AREA					336	65	Adequate		
24	CANTEEN					219	65	Adequate		
25	NEAR MAIN GATE					245	65	Adequate		
26	LABORATORY					156	65	Adequate		
27	SHIPPING # 2 WORKING AREA					405	65	Adequate		
28	SHIPPING # 4 WORKING AREA					218	65	Adequate		
29	BSR SHELF (1)					118	65	Adequate		
30	BSR SHELF (2)					175	65	Adequate		
31	BY PRODUCT SHED					136	65	Adequate		
32	EXK E SHED (NEAR DUMP YARD)					151	65	Adequate		

Note: As per Factories Rules, 1933: Rule No R.31 (prescribed under sub section (4) of section 17



Partnership Firm

Authorized Signatory



INDICATIVE CONSULTANT INDIA

INP: 2PL Link Road, Basudevpur, Khanjanchak, Haldia, PurbaMedinipur-721 602

HPL: Register Containing Particulars of Testing of Ventilation Condition of M/s. GRAPHITE INDIA LTD.

Regd. Address: Dist – Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Add: Name of Department/Plant: EXTRUSION #2 PRESS FLOOR

Sl. No. 1. 2. 3. Name

Table No. - 1
Ambient Air flow – 48 m/min SW to NE
On 21.08.2025
31.0°C
26.0°C

Sl. No	Location	Parameter	Date & Time of Monitoring	Sampling Instrument Used	Volume of Work Place X 6	Volume of Air change/hr	Velocity of Air	Dry/Wet bulb Temperature at work place	Limit	Reference Method	Remarks	Signature	Name	
1.	Inside Work Place	Volume of Air change	21.08.2025		18048.6 m ³ /hr 6 = 1,08,291.6 m ³	7,81,667.1 m ³	-	-	Vol. of Air change/hr >6 x Vol. Of work place	Adequate			A. Bhat	
2.	Inside Work Place	Velocity of Air at work place		Annexure- 1	-	-	36 m/min at middle of the plant	-	30 min at work place at 1.5 M height	Annexure- 1	Adequate			S. Chatra
3.	Inside Work Place At middle of the plant	Temperature at work place	10:30 AM to 12:05 PM		-	-	Dry Bulb 30.0°C	Wet Bulb less than 30°C	25.0°C	Wet Bulb less than 30°C	Adequate			S. Chatra

For, INDICATIVE CONSULTANT INDIA


Parimal Chakraborty
Authorized Signatory



P 1/7

INDICATIVE CONSULTANT INDIA

HPL Link Road, Basudevpur, Khanjanchak; Haldia, PurbaMedinipur-721 602

Register Containing Particulars of Testing of Ventilation Condition of M/s. GRAPHITE INDIA LTD.,

Address: Dist – Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Name of Department/Plant: BAKING RH - 16 SHOP FLOOR

Graphite India Ltd.

Address: Dist – Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Table No. - 2

		Ambient Temperature		Dry Bulb		Wet Bulb	
		On 20.08.2025		30.0°C		25.0°C	
Ambient Air flow – 72 m/min S to N							

Sl. No	Location	Parameter	Date & Time of Monitoring	Sampling Instrument Used	Volume of Work Place X 6	Volume of Air change/Hr	Velocity of Air	Dry/Wet bulb Temperature at work place	Limit	Reference Method	Remarks	Signature	Name	
1.	Inside Work Place	Volume of Air change	20.08.2025		46832.32 m ³ X 6 = 280,993.92 m ³	3,39,664.7 m ³	–	–	Vol. of Air change/hr >6 x Vol. Of work place	Adequate			A. BHATTACHARYA	
2.	Inside Work Place	Velocity of Air at work place		Ammeter- I			36 m/min – at LHS of furnace 36 m/min – at RHS of furnace 30 m/min – at the middle	–	30 m/min at work place at 1.5 M height	Ammeter- I	Adequate			S. CHATTERJEE
3.	Inside Work Place At middle of the plant	Temperature at work place	10:10 AM to 11:30 AM			–	Dry Bulb 34.0°C	Wet Bulb less than 30°C	Wet Bulb less than 30°C		Adequate			S. CHATTERJEE

For, INDICATIVE CONSULTANT INDIA


Parbati Gohain
Authorized Signatory



INDICATIVE CONSULTANT INDIA

HPL Link Road, Basudevpur, Khanjanchak, Haldia, PurbaMedinipur-721 602

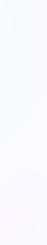
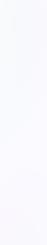
Register Containing Particulars of Testing of Ventilation Condition of M/s. GRAPHITE INDIA LTD.,

Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Name of Department/Plant: PITCH IMPREGNATION UNIT # 3

Table No. - 3

		Ambient Temp.		Dry Bulb		Wet Bulb	
		On 19.08.2025		31.0°C		26.0°C	
Ambient Air flow - 60 m/min SW to NE							

SL No	Location	Parameter	Date & Time of Monitoring	Sampling Instrument Used	Volume of Work Place X 6	Volume of Air change/Hr	Velocity of Air	Dry/Wet bulb temperature at work place	Limit	Reference Method	Remarks	Signature	Name
1.	Inside Work Place	Volume of Air change	19.08.2025		9,853.56 m ³ X 6 = 59,121.36 m ³	73,745.46 m ³	-	-	Vol. of Air change/ hr >6 x Vol. Of work place	Adequate			A. BHATTACHARYA
2.	Inside Work Place	Velocity of Air at work place	10:45 AM to 12:05 PM	Amescale - I	-	-	30 m/min - at Entrance Gate 36 min - at Middle 30 min - at Back side Gate	-	10 min at work place at 1.5 M height -Amescale - I	Adequate			A. BHATTACHARYA
3.	Inside Work Place At middle of the plant	Temperature at work place			-	-	34.0°C	28.0°C	Wet Bulb less than 30°C	Adequate			S. CHATTERJEE

For, INDICATIVE CONSULTANT INDIA



Parbati Chatterjee
Authorized Signatory



INDICATIVE CONSULTANT INDIA

HPL Link Road, Basudevpur, Khanjanchak; Haldia, PurbaMedinipur-721 602

Register Containing Particulars of Testing of Ventilation Condition of M/s. GRAPHITE INDIA LTD.

Address: Dist – Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Name of Department/Plant: LWG # 3

Table No. - 4

		Ambient Temperature	Dry Bulb	Wet Bulb
On 19.08.2025		34.0°C	28.0°C	
Ambient Air flow – 72 m/min S to N				

Sl. No	Location	Parameter	Date & Time of Monitoring	Sampling Instrument Used	Volume of Work Place X 6	Volume of Air change/hr	Velocity of Air	Dry/Wet bulb Temperature at work place	Limit	Reference Method	Remarks	Signature	Name
1.	Inside Work Place	Volume of Air change	19.08.2025		58176 m ³ x 6 = 349,056 m ³	6,75,425.5 m ³	-	-		Vol. of Air change/hr >6 x Vol. Of work place	Adequate		A. BHATTACHARYA
2.	Inside Work Place	Velocity of Air at work place		Annexure- J						30 m/min at entrance of 1 st Gate	Adequate		A. BHATTACHARYA
3.	Inside Work Place At middle of the plant	Temperature at work place	02:15 PM to 03:30 PM							36 m/min at entrance of 2 nd Gate	Adequate		S. CHATTERJEE
										36 m/min at middle	Adequate		S. CHATTERJEE
										30 m/min at work place at 1.5 M height	Adequate		S. CHATTERJEE
										36 m/min at work place at 1.5 M height	Adequate		S. CHATTERJEE
										36.0°C	Dry Bulb		S. CHATTERJEE
										36.0°C	Wet Bulb		S. CHATTERJEE
										36°C	36°C		S. CHATTERJEE

For, INDICATIVE CONSULTANT INDIA



Parbati Ghosh
Authorised Signatory

INDICATIVE CONSULTANT INDIA

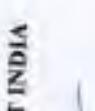
HPL Link Road, Basudevpur, Khanjanchak; Haldia, PurbaMedinipur-721 602

Register Containing Particulars of Testing of Ventilation Condition of M/s. GRAPHITE INDIA LTD.,
Address: Dist - Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

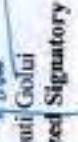
Name of Department/Plant: FINISHING # 1

Table No. - 5

Ambient Temperature		Dry Bulb	Wet Bulb
On 18.08.2025		34.0°C	27.0°C
Ambient Air flow - 66 m/min S to N			

Sl. No	Location	Parameter	Date & Time of Monitoring	Sampling Instrument Used	Volume of Work Place X 6	Volume of Air change/Hr	Velocity of Air	Dry/Wet bulb Temp. at work place	Limit	Reference Method	Remarks	Signature	Name	
1.	Inside Work Place	Volume of Air change	18.08.2025			12522.4 m ³ X 6 = 75,134.4 m ³	1,15,568.3 m ³	-	Val. of Air change/hr > 6 x Val. Of work place		Adequate		A. BHATTA CHARYA	
2.	Inside Work Place	Velocity of Air at work place	Annexure- I				36 min at Gate		30 min at work place at 1.5 M height		Adequate		S. CHATTERJEE	
3.	Inside Work Place At middle of the plant	Temperature at work place	02:10 PM to 03:25 PM			-	Dry Bulb	Wet Bulb	Wet Bulb less than 30°C	Annexure- I		Adequate		S. CHATTERJEE

For, INDICATIVE CONSULTANT INDIA


Purbiti Godui
Authorized Signatory



INDICATIVE CONSULTANT INDIA

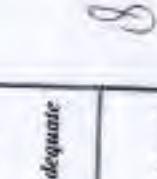
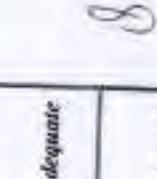
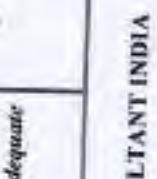
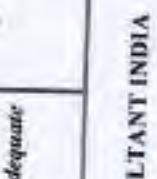
HPL Link Road, Basudevpur, Khanjanchak; Haldia, PurbaMedinipur-721 602

Register Containing Particulars of Testing of Ventilation Condition of M/s. GRAPHITE INDIA LTD.,

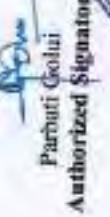
Address: Dist – Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Name of Department/Plant: FINISHING # 2

		Ambient Temperature		Dry Bulb	Wet Bulb
		On 18.08.2025		31.0°C	26.0°C
Ambient Air flow - 54 m/min SW to NE					

Sl. No	Location	Parameter	Date & Time of Monitoring	Sampling Instrument Used	Volume of Work Place X 6	Volume of Air change/Hr	Velocity of Air	Dry/Wet bulb Temp. at work place	Limit	Reference Method	Remarks	Signature	Name
1.	Inside Work Place	Volume of Air change	18.08.2025		24597.54 m ³ X 6 = 147,585.24 m ³	1,55,621.3 m ³	-	-	Vol. of Air change/for >6 x Vol. of work place	Adequate			A. BHATTACHARYA
2.	Inside Work Place	Velocity of Air at work place		Dimensions / 11:00 AM to 12:15 PM	-	-	36 m/min – at entrance of 1 st Gate	-	30 m/min at work place at 1.5 M height	Adequate			A. BHATTACHARYA
3.	Inside Work Place At middle of the plant	Temperature at work place			-	-	36 m/min – at the middle	-	30 m/min at work place at 1.5 M height	Adequate			S. CHATTERJEE

For, INDICATIVE CONSULTANT INDIA


Parbati Golui
Authorized Signatory



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INDICATIVE CONSULTANT INDIA

HPL Link Road, Basudevpur, Khanjanchak, Haldia, PurbaMedinipur-721 602

Register Containing Particulars of Testing of Ventilation Condition of M/s. GRAPHITE INDIA LTD.,

Address: Dist – Paschim Bardhaman, Durgapur, PIN -713211, West Bengal

Name of Department/Plant: R.H. # 24 (II)

Table No. - 7

Ambient Temperature		Dry Bulb	Wet Bulb
On 20.08.2025		34.0°C	29.0°C
Ambient Air flow – 78 m/min S to N			

Sl. No	Location	Parameter	Date & Time of Monitoring	Sampling Instrument Used	Volume of Work Place X 6	Volume of Air change/Hr	Velocity of Air	Dry/Wet bulb Temperature at work place	Limit	Reference Method	Remarks	Signature	Name	
1.	Inside Work Place	Volume of Air change			98,344.81 m ³ X. 6 = 5,90,068.86 m ³	7,09,475.2 m ³	-	-	Vol. of Air change/ hr > 6 x Vol. Of work place	Adequate			A. BHATTACHARYA	
2.	Inside Work Place	Velocity of Air at work place	20.08.2025	Annexure- 1				36 min - East Side of the Furnace 30 min - West Side of the Furnace 36 min - East Side of the Shed 30 min - West Side of the Shed	30 min at work place at 1.5 M height	Annexure- 1	Adequate		S. CHATTERJEE	
3.	Inside Work Place At middle of the plant	Temperature at work place	02:15 PM to 03:30 PM					36 min - Middle of the Shed	36 min at work place at 1.5 M height	Dry Bulb	Wet Bulb less than 30°C	Adequate		S. CHATTERJEE

For, INDICATIVE CONSULTANT INDIA




Parbati Goswami
Authorized Signatory



P.277

ANNEXURE - 1

1. **RAW MATERIAL** - *Calcined Petroleum Coke (CPC), Binder Pitch, Extrusion Oil*

2. **PRODUCT** - *Graphite Electrode & Nipple*

3. **BY-PRODUCT** - *Graphite Fines*

4. METHOD OF ANALYSIS :

- i) *Respirable Particulate Matter (RPM)*
Method of air sampling and analysis as per IS:5182(Part - IV) 1999.(RA 2019)
- ii) *Suspended Particulate Matter (SPM)*
Method of air sampling and analysis as per IS:5182(Part - IV) 1999.(RA 2019)
- iii) *Sulphur Dioxide (SO₂) : As per IS:5182 (Part - II): 2001 (RA 2022)*
- iv) *Oxides of Nitrogen (NO₂) : As per IS:5182 (Part - VI): 2006 (RA 2022)*
- v) *By Digital Lux Meter measurement was done as per IS :3646(Part - 1): 1992 (RA 2018)*
- vi) *Code of practice for industrial ventilation as per IS 3103: 1975 (RA 2018)*
- vii) *Code of practice for natural ventilation of residential buildings as per IS 3362: 1977 (RA 2018)*
- viii) *Noise level measurement was done as per IS 4758:1968 (RA 2017)*
- ix) *Factories Act, 1948*

5. INSTRUMENTS USED:

The following standard instruments utilized during the entire survey period and all the instruments are calibrated.

- i) *Respirable Dust Sampler with Gaseous Attachment*
- ii) *UV-Vis Double Beam Spectrophotometer.*
- iii) *Electronic Digital Balance*
- iv) *Hot Air Oven*
- v) *Desiccator*
- vi) *Digital Lux Meter*
- vii) *Digital Noise Level Meter*
- viii) *Hygrometer / Dry Bulb- Wet Bulb Temperature Indicator Meter*
- ix) *Digital Anemometer*
- x) *Measuring Tape*



TEST REPORT

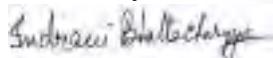
Name of the Client	:	Graphite India Ltd. (Extrusion - 2)			Type of Industry	:	Graphite Unit
Address	:	P.O. - Sagarbhanga, Durgapur, Pin - 713211			Sampling Date	:	02.07.2025
	Date of Received				:	03.07.2025	
	Date(s) of Analysis				:	03.07.2025 – 07.07.2025	
	Date of Issue				:	09.07.2025	
Sampling Plan & Procedure	:	ENV/SOP/01/03	Deviation from the Sampling Method and Plan	:	No	Type of Sample	Industrial Effluent Water (Grab)
Location	:	E.T.P Inlet	Sample Condition	:	Sealed	Sample ID No.	ENV/08/July/W/I
Report No.	:	ENV/08/July/TR(W)/I/25-26	Testing Location	:	Permanent Testing		

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH	IS 3025 Part 11	-	6.23
2.	Total Suspended Solids	IS 3025 Part 17	mg/l	122.86
3.	Oil & Grease	IS 3025 Part 39	mg/l	12.6
4.	Chemical Oxygen Demand	IS 3025 Part 58	mg/l	2361.92
5.	Biochemical Oxygen Demand for 3 days at 27°C	IS 3025 Part 44	mg/l	492.0
6.	Phenolic Compound	IS 3025 Part 43 Sec.1	mg/l	1.95
7.	Sulfate	IS 3025 Part 24 Sec.1	mg/l	410.0

Remarks : a) Sample collected by Envirocheck and sent to lab for testing in sealed condition.

b) Result relates only to the sample tested.

Reviewed By :



(Indrani Bhattacharyya)
(Dy. Technical Manager)

Authorised Signatory :



(Dr. Ajoy Paul)
(Quality Manager)

FORMAT NO. ENV/ FM/40

TEST REPORT

Name of the Client	:	Graphite India Ltd. (Extrusion - 2)			Type of Industry	:	Graphite Unit
Address	:	P.O. - Sagarbhanga, Durgapur, Pin - 713211			Sampling Date	:	02.07.2025
	Date of Received				:	03.07.2025	
	Date(s) of Analysis				:	03.07.2025 – 07.07.2025	
	Date of Issue				:	09.07.2025	
Sampling Plan & Procedure	:	ENV/SOP/01/03	Deviation from the Sampling Method and Plan	:	No	Type of Sample	Industrial Effluent Water (Grab)
Location	:	E.T.P Outlet	Sample Condition	:	Sealed	Sample ID No.	ENV/08/July/W/II
Report No.	:	ENV/08/July/TR(W)/II/25-26	Testing Location	:	Permanent Testing		

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS	LIMIT
1.	pH	IS 3025 Part 11	-	6.83	5.5 – 9.0
2.	Total Suspended Solids	IS 3025 Part 17	mg/l	42.0	100.0
3.	Oil & Grease	IS 3025 Part 39	mg/l	5.33	10.0
4.	Chemical Oxygen Demand	IS 3025 Part 58	mg/l	67.76	250.0
5.	Biochemical Oxygen Demand for 3 days at 27°C	IS 3025 Part 44	mg/l	20.0	30.0
6.	Phenolic Compound	IS 3025 Part 43 Sec.1	mg/l	0.49	1.0
7.	Sulfate	IS 3025 Part 24 Sec.1	mg/l	92.0	N.A.

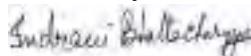
Remarks : a) Limit as per Schedule VI inserted by Rule 2(d) of the Environment (Protection) Second Amendment Rules, 1993 notified vide G.S.R. 422(E) dated 19.05.1993, published in the Gazette No. 174 dated 19.05.1993.

c) Sample collected by Envirocheck and sent to lab for testing in sealed condition.

d) Result relates only to the sample tested.

e) N.A. means Not Available.

Reviewed By :



(Indrani Bhattacharyya)
(Dy. Technical Manager)

Authorised Signatory :



(Dr. Ajoy Paul)
(Quality Manager)

<End of Report>

FORMAT NO. ENV/ FM/40

TEST REPORT

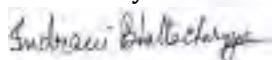
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Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211			Sampling Date		02.07.2025	
					Date of Received		03.07.2025	
					Date(s) of Analysis		03.07.2025 - 07.07.2025	
					Date of Issue		09.07.2025	
Sampling Plan & Procedure		ENV/SOP/01/03	Deviation from the Sampling Method and Plan	No	Type of Sample		Industrial Effluent Water (Grab)	
Location	:	Collected water from Common Waste Water Recycling Unit of Outfall (Near LWG 4 & Old Weigh Bridge) - Inlet	Sample Condition	Sealed	Sample ID No.	:	ENV/07/July/W/I	
Report No.	:	ENV/07/July/TR(W)/I/25-26		Testing Location		:	Permanent Testing	

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH	IS 3025 Part 11	-	6.82
2.	Total Suspended Solids	IS 3025 Part 17	mg/l	32.67
3.	Oil & Grease	IS 3025 Part 39	mg/l	5.31
4.	Chemical Oxygen Demand	IS 3025 Part 58	mg/l	67.76
5.	Biochemical Oxygen Demand for 3 days at 27°C	IS 3025 Part 44	mg/l	17.0

Remarks : a) Sample collected by Envirocheck and sent to lab for testing in sealed condition.

b) Result relates only to the sample tested.

Reviewed By :



(Indrani Bhattacharya)
(Dy. Technical Manager)

Authorised Signatory :



(Dr. Ajoy Paul)
(Quality Manager)

FORMAT NO. ENV/ FM/40

TEST REPORT

Name of the Client		Graphite India Ltd.			Type of Industry		Graphite Unit	
Address		P.O. – Sagarbhanga, Durgapur, Pin – 713211			Sampling Date		02.07.2025	
					Date of Received		03.07.2025	
					Date(s) of Analysis		03.07.2025 – 07.07.2025	
					Date of Issue		09.07.2025	
Sampling Plan & Procedure		ENV/SOP/01/03	Deviation from the Sampling Method and Plan	No	Type of Sample		Industrial Effluent Water (Grab)	
Location	:	Collected Treated water from Common Waste Water Recycling Unit of Outfall (Near LWG 4 & Old Weigh Bridge) - Outlet	Sample Condition	Sealed	Sample ID No.	:	ENV/07/July/W/II	
Report No.	:	ENV/07/July/TR(W)/II/25-26		Testing Location		:	Permanent Testing	

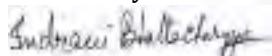
SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS	LIMIT
1.	pH	IS 3025 Part 11	-	6.74	5.5 – 9.0
2.	Total Suspended Solids	IS 3025 Part 17	mg/l	26.0	100.0
3.	Oil & Grease	IS 3025 Part 39	mg/l	4.50	10.0
4.	Chemical Oxygen Demand	IS 3025 Part 58	mg/l	55.0	250.0
5.	Biochemical Oxygen Demand for 3 days at 27°C	IS 3025 Part 44	mg/l	14.0	30.0

Remarks : a) Limit as per Schedule VI inserted by Rule 2(d) of the Environment (Protection) Second Amendment Rules, 1993 notified vide G.S.R. 422(E) dated 19.05.1993, published in the Gazette No. 174 dated 19.05.1993.

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(Indrani Bhattacharya)
 (Dy. Technical Manager)

Authorised Signatory :



(Dr. Ajoy Paul)
 (Quality Manager)

<End of Report>

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TEST REPORT

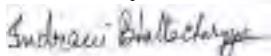
Name of the Client	:	Graphite India Ltd. (Extrusion - 2)			Type of Industry	:	Graphite Unit
Address	:	P.O. - Sagarbhanga, Durgapur, Pin - 713211			Sampling Date	:	05.08.2025
	Date of Received				:	06.08.2025	
	Date(s) of Analysis				:	06.08.2025 - 11.08.2025	
	Date of Issue				:	13.08.2025	
Sampling Plan & Procedure	:	ENV/SOP/01/03	Deviation from the Sampling Method and Plan	:	No	Type of Sample	Industrial Effluent Water (Grab)
Location	:	E.T.P Inlet	Sample Condition	Sealed	Sample ID No.	:	ENV/11/Aug./W/I
Report No.	:	ENV/11/Aug./TR(W)/I/25-26			Testing Location	:	Permanent Testing

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH	IS 3025 Part 11	-	6.23
2.	Total Suspended Solids	IS 3025 Part 17	mg/l	128.0
3.	Oil & Grease	IS 3025 Part 39	mg/l	14.74
4.	Chemical Oxygen Demand	IS 3025 Part 58	mg/l	1258.4
5.	Biochemical Oxygen Demand for 3 days at 27°C	IS 3025 Part 44	mg/l	323.0
6.	Phenolic Compound	IS 3025 Part 43 Sec.1	mg/l	2.42
7.	Sulfate	IS 3025 Part 24 Sec.1	mg/l	1680.0

Remarks : a) Sample collected by Envirocheck and sent to lab for testing in sealed condition.

b) Result relates only to the sample tested.

Reviewed By :



(Indrani Bhattacharyya)
(Dy. Technical Manager)

Authorised Signatory :



(Dr. Ajoy Paul)
(Quality Manager)

FORMAT NO. ENV/ FM/40

TEST REPORT

Name of the Client	:	Graphite India Ltd. (Extrusion - 2)			Type of Industry	:	Graphite Unit
Address	:	P.O. - Sagarbhanga, Durgapur, Pin - 713211			Sampling Date	:	05.08.2025
	Date of Received				:	06.08.2025	
	Date(s) of Analysis				:	06.08.2025 - 11.08.2025	
	Date of Issue				:	13.08.2025	
Sampling Plan & Procedure	:	ENV/SOP/01/03	Deviation from the Sampling Method and Plan	:	No	Type of Sample	Industrial Effluent Water (Grab)
Location	:	E.T.P Outlet	Sample Condition	Sealed	Sample ID No.	:	ENV/11/Aug./W/II
Report No.	:	ENV/11/Aug./TR(W)/II/25-26			Testing Location	:	Permanent Testing

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS	LIMIT
1.	pH	IS 3025 Part 11	-	6.97	5.5 - 9.0
2.	Total Suspended Solids	IS 3025 Part 17	mg/l	32.71	100.0
3.	Oil & Grease	IS 3025 Part 39	mg/l	5.58	10.0
4.	Chemical Oxygen Demand	IS 3025 Part 58	mg/l	87.12	250.0
5.	Biochemical Oxygen Demand for 3 days at 27°C	IS 3025 Part 44	mg/l	24.0	30.0
6.	Phenolic Compound	IS 3025 Part 43 Sec.1	mg/l	0.62	1.0
7.	Sulfate	IS 3025 Part 24 Sec.1	mg/l	390.0	N.A.

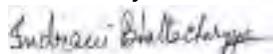
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e) N.A. means Not Available.

Reviewed By :



(Indrani Bhattacharya)
(Dy. Technical Manager)

Authorised Signatory :



(Dr. Ajoy Paul)
(Quality Manager)

<End of Report>

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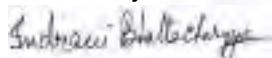
Name of the Client		Graphite India Ltd.			Type of Industry		Graphite Unit	
Address		P.O. – Sagarbhanga, Durgapur, Pin – 713211			Sampling Date		05.08.2025	
					Date of Received		06.08.2025	
					Date(s) of Analysis		06.08.2025 – 09.08.2025	
					Date of Issue		11.08.2025	
Sampling Plan & Procedure		ENV/SOP/01/03	Deviation from the Sampling Method and Plan	No	Type of Sample		Industrial Effluent Water (Grab)	
Location	:	Collected water from Common Waste Water Recycling Unit of Outfall (Near LWG 4 & Old Weigh Bridge) - Inlet	Sample Condition	Sealed	Sample ID No.		ENV/10/Aug./W/I	
Report No.	:	ENV/10/Aug./TR(W)/I/25-26			Testing Location		Permanent Testing	

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH	IS 3025 Part 11	-	6.87
2.	Total Suspended Solids	IS 3025 Part 17	mg/l	31.7
3.	Oil & Grease	IS 3025 Part 39	mg/l	5.4
4.	Chemical Oxygen Demand	IS 3025 Part 58	mg/l	77.44
5.	Biochemical Oxygen Demand for 3 days at 27°C	IS 3025 Part 44	mg/l	20.0

Remarks : a) Sample collected by Envirocheck and sent to lab for testing in sealed condition.

b) Result relates only to the sample tested.

Reviewed By :



 (Indrani Bhattacharya)
 (Dy. Technical Manager)

Authorised Signatory :



 (Dr. Ajoy Paul)
 (Quality Manager)

FORMAT NO. ENV/ FM/40
TEST REPORT

Name of the Client		Graphite India Ltd.			Type of Industry		Graphite Unit	
Address		P.O. – Sagarbhanga, Durgapur, Pin – 713211			Sampling Date		05.08.2025	
					Date of Received		06.08.2025	
					Date(s) of Analysis		06.08.2025 – 09.08.2025	
					Date of Issue		11.08.2025	
Sampling Plan & Procedure		ENV/SOP/01/03	Deviation from the Sampling Method and Plan	No	Type of Sample		Industrial Effluent Water (Grab)	
Location	:	Collected Treated water from Common Waste Water Recycling Unit of Outfall (Near LWG 4 & Old Weigh Bridge) - Outlet	Sample Condition	Sealed	Sample ID No.		ENV/10/Aug./W/II	
Report No.	:	ENV/10/Aug./TR(W)/II/25-26			Testing Location		Permanent Testing	

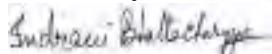
SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS	LIMIT
1.	pH	IS 3025 Part 11	-	6.91	5.5 – 9.0
2.	Total Suspended Solids	IS 3025 Part 17	mg/l	21.8	100.0
3.	Oil & Grease	IS 3025 Part 39	mg/l	4.5	10.0
4.	Chemical Oxygen Demand	IS 3025 Part 58	mg/l	58.08	250.0
5.	Biochemical Oxygen Demand for 3 days at 27°C	IS 3025 Part 44	mg/l	17.0	30.0

Remarks : a) Limit as per Schedule VI inserted by Rule 2(d) of the Environment (Protection) Second Amendment Rules, 1993 notified vide G.S.R. 422(E) dated 19.05.1993, published in the Gazette No. 174 dated 19.05.1993.

b) Sample collected by Envirocheck and sent to lab for testing in sealed condition.

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Reviewed By :



(Indrani Bhattacharya)
(Dy. Technical Manager)

Authorised Signatory :



(Dr. Ajoy Paul)
(Quality Manager)

<End of Report>

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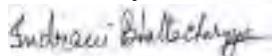
Name of the Client	:	Graphite India Ltd. (Extrusion - 2)			Type of Industry	:	Graphite Unit
Address	:	P.O. - Sagarbhanga, Durgapur, Pin - 713211			Sampling Date	:	04.09.2025
	Date of Received				:	05.09.2025	
	Date(s) of Analysis				:	05.09.2025 - 08.09.2025	
	Date of Issue				:	10.09.2025	
Sampling Plan & Procedure	:	ENV/SOP/01/03	Deviation from the Sampling Method and Plan	:	No	Type of Sample	Industrial Effluent Water (Grab)
Location	:	E.T.P Inlet	Sample Condition	Sealed	Sample ID No.	:	ENV/06/Sep./W/I
Report No.	:	ENV/06/Sep./TR(W)/I/25-26			Testing Location	:	Permanent Testing

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH	IS 3025 Part 11	-	6.46
2.	Total Suspended Solids	IS 3025 Part 17	mg/l	122.22
3.	Oil & Grease	IS 3025 Part 39	mg/l	14.25
4.	Chemical Oxygen Demand	IS 3025 Part 58	mg/l	1862.0
5.	Biochemical Oxygen Demand for 3 days at 27°C	IS 3025 Part 44	mg/l	625.0
6.	Phenolic Compound	IS 3025 Part 43 Sec.1	mg/l	2.75
7.	Sulfate	IS 3025 Part 24 Sec.1	mg/l	380.0

Remarks : a) Sample collected by Envirocheck and sent to lab for testing in sealed condition.

b) Result relates only to the sample tested.

Reviewed By :



(Indrani Bhattacharya)
(Dy. Technical Manager)

Authorised Signatory :



(Dr. Ajoy Paul)
(Quality Manager)

FORMAT NO. ENV/ FM/40

TEST REPORT

Name of the Client	:	Graphite India Ltd. (Extrusion - 2)			Type of Industry	:	Graphite Unit
Address	:	P.O. - Sagarbhanga, Durgapur, Pin - 713211			Sampling Date	:	04.09.2025
	Date of Received				:	05.09.2025	
	Date(s) of Analysis				:	05.09.2025 - 08.09.2025	
	Date of Issue				:	10.09.2025	
Sampling Plan & Procedure	:	ENV/SOP/01/03	Deviation from the Sampling Method and Plan	:	No	Type of Sample	Industrial Effluent Water (Grab)
Location	:	E.T.P Outlet	Sample Condition	Sealed	Sample ID No.	:	ENV/06/Sep./W/II
Report No.	:	ENV/06/Sep./TR(W)/II/25-26			Testing Location	:	Permanent Testing

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS	LIMIT
1.	pH	IS 3025 Part 11	-	7.16	5.5 - 9.0
2.	Total Suspended Solids	IS 3025 Part 17	mg/l	40.8	100.0
3.	Oil & Grease	IS 3025 Part 39	mg/l	6.42	10.0
4.	Chemical Oxygen Demand	IS 3025 Part 58	mg/l	88.2	250.0
5.	Biochemical Oxygen Demand for 3 days at 27°C	IS 3025 Part 44	mg/l	25.0	30.0
6.	Phenolic Compound	IS 3025 Part 43 Sec.1	mg/l	0.48	1.0
7.	Sulfate	IS 3025 Part 24 Sec.1	mg/l	110.0	N.A.

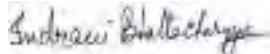
Remarks : a) Limit as per Schedule VI inserted by Rule 2(d) of the Environment (Protection) Second Amendment Rules, 1993 notified vide G.S.R. 422(E) dated 19.05.1993, published in the Gazette No. 174 dated 19.05.1993.

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Reviewed By :



(Indrani Bhattacharya)
(Dy. Technical Manager)

Authorised Signatory :



(Dr. Ajoy Paul)
(Quality Manager)

<End of Report>

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 | 033-25792891/25497490, Fax : 033-25299141
Laboratory : 189, 190, 192, 186 & 51 Rastraguru Avenue, Kolkata - 700028 | 033-25792889
Email : info@envirocheck.in/envirocheck50@gmail.com / Website : www.envirocheck.in
Branch Office : * Siliguri * Haldia * Durgapur * Dhanbad * Gangtok * Port Blair * Dehradun * New Delhi
Overseas : * UAE * Qatar * Netherlands



FORMAT NO. ENV/ FM/40

TEST REPORT

Name of the Client		Graphite India Ltd.			Type of Industry		Graphite Unit	
Address		P.O. – Sagarbhanga, Durgapur, Pin – 713211			Sampling Date		04.09.2025	
					Date of Received		05.09.2025	
					Date(s) of Analysis		05.09.2025 – 08.09.2025	
					Date of Issue		10.09.2025	
Sampling Plan & Procedure		ENV/SOP/01/03	Deviation from the Sampling Method and Plan	No	Type of Sample		Industrial Effluent Water (Grab)	
Location	:	Collected water from Common Waste Water Recycling Unit of Outfall (Near LWG 4 & Old Weigh Bridge) - Inlet	Sample Condition	Sealed	Sample ID No.		ENV/05/Sep./W/I	
Report No.	:	ENV/05/Sep./TR(W)/I/25-26			Testing Location		Permanent Testing	

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH	IS 3025 Part 11	-	6.36
2.	Total Suspended Solids	IS 3025 Part 17	mg/l	98.0
3.	Oil & Grease	IS 3025 Part 39	mg/l	12.4
4.	Chemical Oxygen Demand	IS 3025 Part 58	mg/l	1156.4
5.	Biochemical Oxygen Demand for 3 days at 27°C	IS 3025 Part 44	mg/l	375.0

Remarks : a) Sample collected by Envirocheck and sent to lab for testing in sealed condition.

b) Result relates only to the sample tested.

Reviewed By :

 (Indrani Bhattacharya)
 (Dy. Technical Manager)

Authorised Signatory :

 (Dr. Ajoy Paul)
 (Quality Manager)

FORMAT NO. ENV/ FM/40

TEST REPORT

Name of the Client		Graphite India Ltd.			Type of Industry		Graphite Unit	
Address		P.O. - Sagarbhanga, Durgapur, Pin - 713211			Sampling Date		04.09.2025	
					Date of Received		05.09.2025	
					Date(s) of Analysis		05.09.2025 - 08.09.2025	
					Date of Issue		10.09.2025	
Sampling Plan & Procedure		ENV/SOP/01/03	Deviation from the Sampling Method and Plan	No	Type of Sample		Industrial Effluent Water (Grab)	
Location	:	Collected Treated water from Common Waste Water Recycling Unit of Outfall (Near LWG 4 & Old Weigh Bridge) - Outlet	Sample Condition	Sealed	Sample ID No.		ENV/05/Sep./W/II	
Report No.	:	ENV/05/Sep./TR(W)/II/25-26			Testing Location		Permanent Testing	

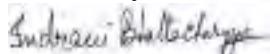
SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS	LIMIT
1.	pH	IS 3025 Part 11	-	7.13	5.5 - 9.0
2.	Total Suspended Solids	IS 3025 Part 17	mg/l	41.62	100.0
3.	Oil & Grease	IS 3025 Part 39	mg/l	6.4	10.0
4.	Chemical Oxygen Demand	IS 3025 Part 58	mg/l	58.8	250.0
5.	Biochemical Oxygen Demand for 3 days at 27°C	IS 3025 Part 44	mg/l	19.0	30.0

Remarks : a) Limit as per Schedule VI inserted by Rule 2(d) of the Environment (Protection) Second Amendment Rules, 1993 notified vide G.S.R. 422(E) dated 19.05.1993, published in the Gazette No. 174 dated 19.05.1993.

b) Sample collected by Envirocheck and sent to lab for testing in sealed condition.

c) Result relates only to the sample tested.

Reviewed By :



(Indrani Bhattacharya)
(Dy. Technical Manager)

Authorised Signatory :



(Dr. Ajoy Paul)
(Quality Manager)

<End of Report>



INDICATIVE CONSULTANT INDIA

(GOVT. REGISTERED TEST HOUSE)



EMAIL : indicativeconsultantindia@gmail.com / indicativeconsultantindia.kol@gmail.com

TEST REPORT

Date: 10.10.2025	:	Report No: ICI/HL/W/RN-1235A/2025	Format No: ICI/ FM/H/67
Customer Name	:	M/s. GRAPHITE INDIA LIMITED	Sample ID No : 2025/W-1235A
Address	:	Durgapur, Dist. - Paschim Bardhaman, West Bengal, Pin-713211.	Sampling Date : 27.09.2025
#Customer Representative Name & Contact Number	:	Sr. Manager-Technical	Sampling Time : 02:20 PM Sample Receiving Date : 03.10.2025 Analysis Start Date : 03.10.2025 Analysis complete Date : 09.10.2025
#Work Order No.	:	DOM/4500327573 Dtd. 01.07.2025	
#Sample Description	:	GROUND WATER	
Sample Condition	:	In Plastic Bottle & Glass Bottle	
Sampling Method	:	IS 17614 (P-5):2021	
Name of the Sampler	:	Mr. Tapan Kumar Sutradhar	
# Location	:	NATUN TANTIPARA SAGARBHANGA TUBE WELL HAND PUMP	
Material Specification	:	IS 10500: 2012 (RA 2023)	

Sl. No.	Parameters	Unit	Result	As Per IS 10500: 2012 (RA 2023)		Method Followed
				Desirable Limit	Permissible limit in the absence of alternate source	
ORGANOLEPTIC AND PHYSICAL PARAMETERS						
1.	pH (at 26°C)	-	7.00	6.5 to 8.5	No Relaxation	IS:3025(Part-11):2022
2.	Turbidity	N.T.U.	<1.0	1 (Max)	5 (Max)	IS:3025(Part-10):2023
3.	Total Dissolved Solid (TDS)	mg/L	366.0	500 (Max)	2000 (Max)	IS:3025(Part-16):2023
GENERAL PARAMETERS CONCERNING SUBSTANCES UNDESIRABLE IN EXCESSIVE AMOUNTS						
4.	Total Hardness (as CaCO ₃)	mg/L	198.1	200 (Max)	600 (Max)	IS:3025(Part-21):2009: RA 2019
5.	Chloride (as Cl)	mg/L	84.1	250 (Max)	1000 (Max)	IS:3025(Part-32):1988: RA 2019
6.	Total Alkalinity (as CaCO ₃)	mg/L	180.9	200 (Max)	600 (Max)	IS:3025(Part-23):2023
7.	Iron (as Fe)	mg/L	0.24	0.3 (Max)	No Relaxation	IS:3025(Part-53):2003: RA 2019
8.	Fluoride (as F)	mg/L	<0.04	1 (Max)	1.5 (Max)	IS:3025(Part-60):2008: RA 2019
9.	Residual Free Chlorine	mg/L	Nil	0.2 (Min)	1.0 (Min)	APHA 24 th Edition 4500CI

For, INDICATIVE CONSULTANT INDIA

Prepared By: N. Mondal

Checked By: A. Patra

Parbati Golui
(Quality Manager)
Signatory Authority

Parbati Golui
Quality Manager
INDICATIVE CONSULTANT INDIA

Page: 1 of 2





INDICATIVE CONSULTANT INDIA

(GOVT. REGISTERED TEST HOUSE)



EMAIL : indicativeconsultantindia@gmail.com / indicativeconsultantindia.kol@gmail.com

TEST REPORT

Date: 10.10.2025	:	Report No: ICI/HL/W/RN-1235A/2025	Format No: ICI/ FM/H/67
Customer Name	:	M/s. GRAPHITE INDIA LIMITED	Sample ID No : 2025/W-1235A
Address	:	Durgapur, Dist. – Paschim Bardhaman, West Bengal, Pin-713211.	Sampling Date : 27.09.2025
#Customer Representative Name & Contact Number	:	Sr. Manager-Technical	Sampling Time : 02:20 PM Sample Receiving Date : 03.10.2025 Analysis Start Date : 03.10.2025 Analysis complete Date : 09.10.2025
#Work Order No.	:	DOM/4500327573 Dtd. 01.07.2025	
#Sample Description	:	GROUND WATER	
Sample Condition	:	In Plastic Bottle & Glass Bottle	
Sampling Method	:	IS 17614 (P-5):2021 & IS 17614: Part 25: 2022	
Name of the Sampler	:	Mr. Tapan Kumar Sutradhar	
# Location	:	NATUN TANTIPARA SAGARBHANGA TUBEWELL HAND PUMP	
Material Specification	:	IS 10500: 2012 (RA 2023)	

SL. No.	Parameters	Unit	Result	As Per IS 10500: 2012 (RA 2023)		Method Followed
				Desirable Limit	Permissible limit in the absence of alternate source	
PARAMETERS CONCERNING TOXIC SUBSTANCES						
10.	Arsenic (as As)	mg/L	<0.01	0.01 (Max)	0.05 (Max)	APHA 24 th Edition 3500As B
BACTERIOLOGICAL PARAMETERS						
11.	Total Coliform	MPN/100 ml	BLQ	Shall not be detectable in any 100 ml of sample	-	IS: 1622:1981 (RA 2019)
12.	E. Coli	CFU/100ml	Absent	Shall not be detectable in any 100 ml of sample	-	IS: 1622:1981 (RA 2019)

LOQ= Limits of Quantification; BLQ= Below Limit of Quantification (LOQ- 1.8 MPN/100 ml)

Remarks: Chemical & Bacteriological test Parameters: Compliance – The above-mentioned test parameters are within desirable limit (wherever applicable) as per specification IS 10500:2012 (RA 2023)

For, INDICATIVE CONSULTANT INDIA

Prepared By: N. Mendal

Checked By: A. Patra

Parbati Golui
(Quality Manager)
Signatory Authority

Parbati Golui
Quality Manager
INDICATIVE CONSULTANT INDIA

Test Witnessed By: Nil (Sampling was done in front of customer representatives)
Estimated Uncertainty: Not Required

Note :

- # Information provided by customer
- Sample is drawn by M/s. Indicative Consultant India
- Sample submitted and identified by customer as: N.A.
- Test results shown in this test report relate only to the sample (s) only 'as received basis'.
- The test results referred in test report are based on observations & measurements under the stated environmental conditions.
- The reproduction of the report except in full is invalid without written approval of the laboratory
- Once issued, the test report/certificate is in public domain and laboratory is not responsible for the authenticity of photocopied test report
- Retention period of tested samples (Water) is 10 days from the date of issue of test report unless otherwise specified.
- Location of Testing: Haldia Laboratory

End of Report

Page 2 of 2

Reviewed By: QM/ITM



CENTRAL LABORATORY : HPL Link Road, Basudevpur, Khanjanchak, Haldia, Purba Medinipur, Pin-721602

Dhaka No. : 02294 275765 0424017584 0222205800 7707500072



INDICATIVE CONSULTANT INDIA

(GOVT. REGISTERED TEST HOUSE)



EMAIL : indicativeconsultantindia@gmail.com / indicativeconsultantindia.kol@gmail.com

TEST REPORT

Date: 10.10.2025	:	Report No: ICI/HL/W/RN-1235B/2025	Format No: ICI/FM/H/67
Customer Name	:	M/s. GRAPHITE INDIA LIMITED	Sample ID No : 2025-W-1235B
Address	:	Durgapur, Dist. – Paschim Bardhaman, West Bengal, Pin-713211.	Sampling Date : 27.09.2025
#Customer Representative Name & Contact Number	:	Sr. Manager-Technical	Sampling Time : 02:45 PM
			Sample Receiving Date : 03.10.2025
			Analysis Start Date : 03.10.2025
			Analysis complete Date : 09.10.2025
#Work Order No.	:	DOM/4500327573 Dtd. 01.07.2025	
#Sample Description	:	GROUND WATER	
Sample Condition	:	In Plastic Bottle & Glass Bottle	
Sampling Method	:	IS 17614 (P-5):2021	
Name of the Sampler	:	Mr. Tapan Kumar Sutradhar	
# Location	:	SAGARBHANGA PUKUR PAR (HOUSING COLONY) TUBEWELL HAND PUMP	
Material Specification	:	IS 10500: 2012 (RA 2023)	

Sl. No.	Parameters	Unit	Result	As Per IS 10500: 2012 (RA 2023)		Method Followed
				Desirable Limit	Permissible limit in the absence of alternate source	
ORGANOLEPTIC AND PHYSICAL PARAMETERS						
1.	pH (at 26°C)	-	6.94	6.5 to 8.5	No Relaxation	IS:3025(Part-11):2022
2.	Turbidity	N.T.U.	<1.0	1 (Max)	5 (Max)	IS:3025(Part-10):2023
3.	Total Dissolved Solid (TDS)	mg/L	478.0	500 (Max)	2000 (Max)	IS:3025(Part-16):2023
GENERAL PARAMETERS CONCERNING SUBSTANCES UNDESIRABLE IN EXCESSIVE AMOUNTS						
4.	Total Hardness (as CaCO ₃)	mg/L	189.6	200 (Max)	600 (Max)	IS:3025(Part-21):2009: RA 2019
5.	Chloride (as Cl)	mg/L	197.6	250 (Max)	1000 (Max)	IS:3025(Part-32):1988: RA 2019
6.	Total Alkalinity (as CaCO ₃)	mg/L	190.4	200 (Max)	600 (Max)	IS:3025(Part-23):2023
7.	Iron (as Fe)	mg/L	0.22	0.3 (Max)	No Relaxation	IS:3025(Part-53):2003: RA 2019
8.	Fluoride (as F)	mg/L	<0.04	1 (Max)	1.5 (Max)	IS:3025(Part-60):2008: RA 2019
9.	Residual Free Chlorine	mg/L	Nil	0.2 (Min)	1.0 (Min)	APHA 24 th Edition 4500Cl

For, INDICATIVE CONSULTANT INDIA

Prepared By: N. Mondal

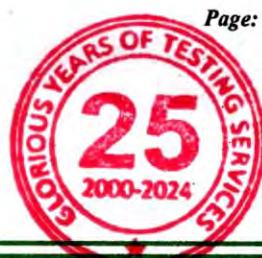
Checked By: A. Patra

Parbati Golui
(Quality Manager)
Signatory Authority

Parbati Golui
Quality Manager

INDICATIVE CONSULTANT INDIA

Page: 1 of 2





INDICATIVE CONSULTANT INDIA



(GOVT. REGISTERED TEST HOUSE)



EMAIL : indicativeconsultantindia@gmail.com / indicativeconsultantindia.kol@gmail.com

TEST REPORT

Date: 10.10.2025	:	Report No: ICI/HL/W/RN-1235B/2025	Format No: ICI/ FM/H/67
Customer Name	:	M/s. GRAPHITE INDIA LIMITED	Sample ID No : 2025/W-1235B
Address	:	Durgapur, Dist. – Paschim Bardhaman, West Bengal, Pin-713211.	Sampling Date : 27.09.2025
#Customer Representative Name & Contact Number	:	Sr. Manager-Technical	Sampling Time : 02:45 PM Sample Receiving Date : 03.10.2025 Analysis Start Date : 03.10.2025 Analysis complete Date : 09.10.2025
#Work Order No.	:	DOM/4500327573 Dtd. 01.07.2025	
#Sample Description	:	GROUND WATER	
Sample Condition	:	In Plastic Bottle & Glass Bottle	
Sampling Method	:	IS 17614 (P-5):2021 & IS 17614: Part 25: 2022	
Name of the Sampler	:	Mr. Tapan Kumar Sutradhar	
# Location	:	SAGARBHANGA PUKUR PAR (HOUSING COLONY) TUBEWELL HAND PUMP	
Material Specification	:	IS 10500: 2012 (RA 2023)	

Sl. No.	Parameters	Unit	Result	As Per IS 10500: 2012 (RA 2023)		Method Followed
				Desirable Limit	Permissible limit in the absence of alternate source	
PARAMETERS CONCERNING TOXIC SUBSTANCES						
10.	Arsenic (as As)	mg/L	<0.01	0.01 (Max)	0.05 (Max)	APHA 24 th Edition 3500As B
BACTERIOLOGICAL PARAMETERS						
11.	Total Coliform	MPN/100 ml	BLQ	Shall not be detectable in any 100 ml of sample	-	IS: 1622:1981 (RA 2019)
12.	E. Coli	CFU/100ml	Absent	Shall not be detectable in any 100 ml of sample	-	IS: 1622:1981 (RA 2019)

LOQ= Limits of Quantification; BLQ= Below Limit of Quantification (LOQ- 1.8 MPN/100 ml)

Remarks: Chemical & Bacteriological test Parameters: Compliance – The above-mentioned test parameters are within desirable limit (wherever applicable) as per specification IS 10500:2012 (RA 2023)

For, INDICATIVE CONSULTANT INDIA

Prepared By: N. Mondal

Checked By: A. Patra

Parbati Golui
(Quality Manager)
Signatory Authority

Parbati Golui
Quality Manager
INDICATIVE CONSULTANT INDIA

Test Witnessed By: Nil (Sampling was done in front of customer representatives)
Estimated Uncertainty: Not Required

Note :

- # Information provided by customer
- Sample is drawn by M/s. Indicative Consultant India
- Sample submitted and identified by customer as: N.A.
- Test results shown in this test report relate only to the sample (s) only 'as received basis'.
- The test results referred in test report are based on observations & measurements under the stated environmental conditions.
- The reproduction of the report except in full is invalid without written approval of the laboratory
- Once issued, the test report/certificate is in public domain and laboratory is not responsible for the authenticity of photocopied test report
- Retention period of tested samples (Water) is 10 days from the date of issue of test report unless otherwise specified.
- Location of Testing: Haldia Laboratory

End of Report

Page 2 of 2



Reviewed By: QM/TM

CENTRAL LABORATORY : HPL Link Road, Basudevpur, Khanjanchak, Haldia, Purba Medinipur, Pin-721602

Annexure-5

Air Pollution Control System



Annexure-6

Existing Rainwater Harvesting System



Annexure-7

Green Belt





Annexure-8

Health Checkup Photographs



Training Photographs



Annexure-9

Parking Photographs



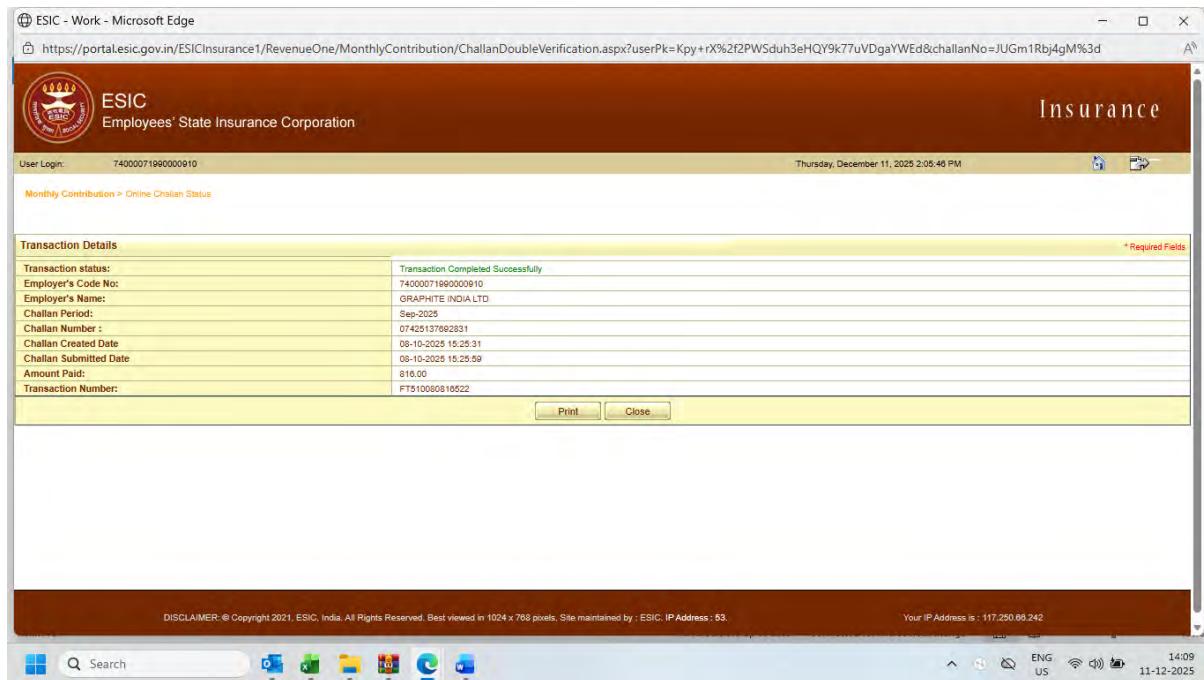
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Powered by Noida

Annexure-10

ESIC Challan Apr25 to Sep25



Note: - This is to inform you that up to **31st March 2025**, four of our officers were covered under our ESIC code. However, due to an enhancement in their salaries, they exceeded the ESIC wage ceiling with effect from **1st April 2025**. As a result, from April 2025 to July 2025, none of our employees fell within the ESIC coverage limit.

Subsequently, on **1st August 2025**, we recruited one officer who is eligible for ESIC coverage. We have duly submitted his ESIC contribution on **12th September 2025**. However, the ESIC payment challan has not yet been generated on the ESIC portal.

In view of the above, we request ESIC authority to generate the ESIC payment challan at the earliest.

The relevant letter is attached herewith for your reference.



GRAPHITE INDIA LIMITED

DURGAPUR-713211, DIST- BURDWAN
E-MAIL : general_dgp@graphiteindia.com

Date- 27.11.2025

To,
The Deputy Director
SRO Durgapur
ESIC

**Sub: Request for Assistance in Generating ESIC Payment Challan for
August 2025**

Dear Sir,

This is to inform you that we have paid the ESIC contribution for the month of **August 2025**, amounting to **Rs. 816 (Eight Hundred and Sixteen Only)**, on **12th September 2025**, against **Challan No. 07425135005354**. However, the payment challan is still not being generated on the ESIC portal. Our ESIC Code Number is **7400071990000910**. The amount has already been debited from our bank account.

We kindly request your assistance in resolving this issue and enabling the generation of the payment challan at the earliest. Your support in this matter will be highly appreciated. Our bank statement is attached herewith for your ready reference.



Yours faithfully,
For GRAPHITE INDIA LTD


Avijit Mondal
Asst. General Manager (HR & IR)

Annexure-11

20 KLD Kitchen Waste STP



Annexure-12

1. Puja Ghat at sagarbhanga colony:

Before:



After:



GRAPHITE INDIA LIMITED

Ref.: GIL/NBA/01/25-26

To
M/s. MAA ANNAPURNA CONSTRUCTION,
HATTALA ROAD, ROAD- 92,
DURGAPUR-713201,
PASCHIM BURDWAN.
Kind Attn.: Arpan Mondal
(M)-9732226899

Sub: Puja Ghat Development Work at "S" Block, Sagarbhanga under Need Base Activities (Period: April 2025 to Sept. 2025)

Dear Sir,
With reference to your offer no.: MAC/GI-01/2025 dated 02.04.2025, subsequent across-table discussion, negotiation etc. had with you on site and we are pleased to award the said job to you as per tentative BQ along with unit price and cost mentioned below.

Job Description	Tentative Qty. UOM	Unit Rate (Rs.)	Amount (Rs.)
Water Pumping	3,000	DAY	4,500.00
Dismantling Work	4,000	M3	500.00
Brick work	4,000	M3	6,250.00
Plaster works	26,000	M2	175.00
Stair Plaster	30,000	M2	175.00
PCC work	13,000	M3	5,200.00
Brick Ret. Soling	60	M2	550.00
Misc. Expenses	1	All	15,000.00
Total Basic Cost in Rs. 1,67,900.00			

In Words: Rupees: one lac sixty-seven thousand and nine hundred only.

Terms & Conditions:

- Job Completion Schedule:** Nominated job shall be completed within the shortest possible time.
- Payment Terms:** Within 15 days after completion of nominated job entirely on actual measurement duly certified by GIL, subject to submission of Commercial Bill at least in triplicate along with other required documents / details like before & after photos, Geographical location, Information Display of the workplace, etc.
- All Safety Precautions, Statutory Formalities etc. shall be maintained by you as per latest Govt. Rules & Regulations.**

Note: Above mentioned Quantities are tentative and indicative purpose at present. However, the P.O. shall be placed only after successful job completion duly certified by GIL, followed by rectifying the defect, if any, during observation period.

This Letter of Intent is being sent in duplicate through courier service. You are requested to sign second copy of the same and return to us as a token of your acceptance. In the meantime, scanned copy is also being sent through mail for your immediate reference.

Thanking You

Yours faithfully,

For Graphite India Limited,
Siddhanta Jain
(Purchase Head)

Revised
Arpan Mondal
04/09/2025

Page 1 of 1

Registered Office: 31 Chowringhee Road, Kolkata 700 016, CIN : L10101WB1974PLC004602,
GST No.: 98AAAC0457C124 Telephone No: 91 33 40029600 | Fax No: 91 33 40029670,
Email Id : gile@graphiteindia.com Website : www.graphiteindia.com

MAA ANNAPURNA CONSTRUCTION

Govt. Contractor & General Order Supplier

Res. Address:
Vill- Biharpur, Nadiha
Durgapur-18, Burdwan



Office:
Hattala Road, Durgapur-1
Burdwan

E-mail:- annapurnaconstruction.durgapur@gmail.com :: Ph. No.: 9732226899 / 9475216310

Ref. No. MAA/01/01/2025

Date: 22/09/2025

To
Graphite India Limited
Sagarbhanga, Durgapur- 713211

Name of work - Puja Ghat Development Work under Need Base Activities
(Period - April 2025 to Sept. 2025)

Ref. No. - GIL/NBA/01/25-26

Sir,

I am hereby to inform you that on reference to the above L.O.I no. we have completed the above job. So please arrange to visit the site and kindly approve.

(We have visited the site of
informing you/contractor)
or rectification required against
the job done by you
After proper rectification PO
should be placed based on
invoice issued accordingly
Siddhanta Jain
26/09/25

MAA ANNAPURNA CONSTRUCTION

Arpan Mondal
Proprietor

Before:



After:



GRAPHITE INDIA LIMITED



DURGAPUR 713211, DIST- PASCHIM BURDWAN
PHONE: 7719362431, 7719362437, FAX: (0343) 2560896
E-Mail: giro@graphiteindia.com

Ref: GIL/NBA/02/25-26

To:
M/s. MAA ANNAPURNA CONSTRUCTION,
HATTALA ROAD, ROAD- 92,
DURGAPUR-713201,
PASCHIM BURDWAN.

Kind Attn.: Arpan Mondal
(M)-9732226899

Sub: Manasa Mandir Development Work at Namo Sagarbhanga under Need Base Activities (Period: April 2025 to Sept. 2025)

Dear Sir,
With reference to your offer no.: MAC/GI-02/2025 dated 02.04.2025, subsequent across-table discussion, negotiation etc. had with you on date and we are pleased to award the said job to you as per tentative BOQ along with unit price and cost mentioned below:

Job Description	Tentative Qty.	UOM	Unit Rate (Rs.)	Amount (Rs.)
Groove cutting	1,000	AU	2,200.00	2,200.00
Brick work	10,000	M3	6,250.00	62,500.00
Plaster work	170,000	M2	175.00	29,750.00
Total ceiling	40,000	M2	175.00	7,000.00
Door works	12,000	M2	52.00	624.00
RCC roof	8,000	M3	5,500.00	44,000.00
Shuttering Work	7,000	M2	448.33	3,138.31
Reinforcement	600.00	KG	7.00	4,200.00
Shuttering work	45,000	M2	450.00	20,250.00

Total Basic Cost in Rs. 1,73,412.00

In Words: Rupees one lac seventy-three thousand four hundred and twelve only.

Terms & Conditions:

1. **Job Completion Schedule:** Nominated job shall be completed within the shortest possible time.
2. **Payment Terms:** Within 15 days after completion of nominated job entirely on actual measurement duly certified by GIL, subject to submission of Commercial Bill at least in triplicate along with other required documents / details like before & after photos, Geographical location, Information Display of the workplace, etc.
3. All Safety Precautions, Statutory Formalities etc. shall be maintained by you as per latest Govt. Rules & Regulations.

Note: Above mentioned Quantities are tentative and indicative purpose at present. However, the P.O. shall be placed only after successful job completion duly certified by GIL, followed by rectifying the defect, if any, during observation period.

This Letter of intent is being sent in duplicate through courier service. You are requested to sign second copy of the same and return to us as a token of your acceptance. In the meantime, scanned copy is also being sent through mail for your immediate reference.

Thanking You,

Yours faithfully,

For Graphite India Limited,

Siddhent Jain
(Purchase Head)

Received
04.04.2025

Page 1 of 1

Registered Office:- 31 Chowringhee Road, Kolkata 700 016, CIN : L10101WB1974PLC094602,
GST No.: 9VAAC0457C124 Telephone No: 91 33 40029600 : Fax No: 91 33 40029676,
Email Id : giro@graphiteindia.com Website : www.graphiteindia.com

MAA ANNAPURNA CONSTRUCTION

Govt. Contractor & General Order Supplier

Res. Address:
Vill- Biharpur, Nadisha
Durgapur-18, Burdwan



Office:
Hattala Road, Durgapur-1
Burdwan

E-mail:- annapurnaconstruction.durgapur@gmail.com :: Ph. No.: 9732226899 / 9475163100

Ref No. MAC/01-02/2025

Date 22/01/2025

Re:

Graphite India Limited

Sagarbhanga, Durgapur- 713211

Name of work - Manasa Mandir Development Work at Namo Sagarbhanga
Order Need Base Activities (Period- April 2025 to April 2025)

Ref No. - GIL/NBA/02/25-26

Sir,
I am hereby to inform you that on ref name date above Job No.
we have completed the above job. So please arrange to visit the
Job site and kindly approve.

At the time of informed
you (Contractor) regarding
the job done by you
rectification PO
After proper rectification PO
measurement QD be issued
be presented QD be issued
26.04.25
Siddhent Jain

MAA ANNAPURNA CONSTRUCTION

Arpan Mondal
Proprietor

3. Goalpark Development Work:



BEFORE



AFTER



Durgapur, West Bengal, India

Golpark Kali Mandir, F8vm+648, Sagarbhanga
West Bengal 713211, India

Lat 23.49235° Long 87.333562°

Friday, 12/12/2025 03:10 PM GMT +05:30

Durgapur, West Bengal, India

Golpark Kali Mandir, F8vm+648, Sagarbhanga
West Bengal 713211, India

Lat 23.492356° Long 87.333576°

Friday, 12/12/2025 03:10 PM GMT +05:30

MAA ANNAPURNA CONSTRUCTION

Govt. Contractor & General Order Supplier

Res. Address:
Vill- Biharpur, Nadiha
Durgapur-18, Burdwan



Office:
Hattala Road, Durgapur-1
Burdwan

E-mail:- annapurnaconstruction.durgapur@gmail.com :: Ph. No.: 9732226899 / 9475216310

Ref. No. MNC/61-03/2025

Date. 22/03/2025

To @
Graphite India Limited

Sagarbhanga, Durgapur-18, WB-713211

Name of work - Goal Park Development (Work, Sagarbhanga, under Nidh
Base Activities (Period - April 2025 to Sept. 2026).

Ref. No. - GIL/NBA/03/25-26

Sir,
I am hereby informing you that on reference to the above L01/NO.
we have completed the above Job. So please arrange to visit the Job
site and kindly approve.

② We have
visited the site &
informed you (Contractor)
of the job done by you.
the job done by you
is proper & correct
so shall be payment
of invoice shall be presented
already.
26/03/25

MAA ANNAPURNA CONSTRUCTION.
Anupammalal
Proprietor



GRAPHITE INDIA LIMITED

713211, Durgapur, West Bengal, India
Phone: 0342-252026
E-mail: gil@graphiteindia.com

Dated: 04.04.2025

Ref. GIL/NBA/03/25-26

To
Mr. MAA ANNAPURNA CONSTRUCTION
HATTALA ROAD, ROAD- 92
DURGAPUR-713211
PASCHEMI BURDWAN
Kin Attn: Anupammalal
Phone: 9732226899

Sub: Goal Park Development Work, Sagarbhanga under Head Base Activities (Period: April 2025 to Sept. 2026)

Dear Sir,
With reference to your offer no. MAC/GI-03/2025 dated 02.04.2025, subsequent across-table discussion

negotiation etc. had with you on date and we are pleased to award the said job to you as per tentative BOD along

with unit price and cost mentioned below:

Job Description	Tentative Qty.	UOM	Unit Rate (Rs.)	Amount (Rs.)
Demanding work	1,000	AU	500.00	500.00
Farm cutting	15,800	M3	170.80	2,656.80
Brick work	18,000	M3	5,800.00	89,600.00
The brick	1,000	M3	5,150.00	5,150.00
Filing Work	-	AU	1,400.00	1,400.00
Reinforcement work	235.00	KG	6.00	1,410.00
PCC work	1,500	M3	5,100.00	7,725.00
RCC Inter Work	2.00	M3	9,500.00	11,000.00
Plaster work	60,000	M2	170.00	10,275.00
Plaster works	6,100	M2	170.00	1,037.00
Staircase works	0.500	M3	5,600.00	2,800.00
Plaster -	1,100	M2	170.00	187.00
Brick works	3,000	M2	900.00	2,700.00
PCG Work	1,500	M3	5,200.00	7,800.00

Total BOD: Cost R. 1,53,822.15

In Words: Rupees one lac fifty-three thousand nine hundred twenty-seven and sixteen paise only.

Terms & Conditions:

1. **Job Completion Schedule:** Nominated job shall be completed within the shortest possible time.
2. **Payment Terms:** Within 15 days after completion of nominated job entirely on actual measurement duly certified by GIL, subject to submission of Commercial Bill at least in triplicate along with other required documents / details like before & after photos, Geographical location, Information Display of the workplace, etc.
3. **All Safety Precautions, Statutory Formalities etc.:** shall be maintained by you as per latest Govt. Rules & Regulations.

Notes: Above mentioned Quotations are tentative and indicative purpose at present. However, the P.O. shall be placed only after successful job completion duly certified by GIL, followed by rectifying the defect, if any, during observation period. The letter of intent is being sent in duplicate through courier service. You are requested to sign second copy of the same and return to us as a token of your acceptance. In the meantime, scanned copy is also being sent through mail for your immediate reference.

Thanking You.

For Graphite India Limited.

Siddhanta Jain
(Purchase Head)

Page 1 of 1

Registered Office:- 31 Chowringhee Road, Kolkata 700 016, PIN: L10101WB1974PLC054052,
GST No.: 18AAACCD0457C1Z4 Telephone No: 91 33 40039600 : Fax No: 91 33 40028876,
Email Id: gil@graphiteindia.com Website : www.graphiteindia.com

4. CCTV Surveillance room modification work at coke oven police station

Before:



After:





GRAPHITE INDIA LIMITED

DURGAPUR 713211, DIST - PASCHIM BURDWAN
PHONE: 7719362431, 7719362437. FAX: (0343) 2556896
E-MAIL:

Ref: GIL/NBA/04/25-26

To
M/s. SUJOY SINGHA,
SANJIB SARANI, DURGAPUR,
DURGAPUR-713201,
PASCHIM BURDWAN.
Kind Attn.: Sujoy Singha
(M): 9332946175

Sub: Surveillance Room Modification Work under Need Base Activities (Period: April 2025 to Sept. 2025)

Dear Sir,

With reference to your offer no.: SS/GI-01/2025 dated 02.04.2025, subsequent across-table discussion, negotiation etc. had with you on date and we are pleased to award the said job to you as per tentative BOQ along with unit price and cost mentioned below:

Job Description	Tentative Qty.	UCM	Unit Rate (Rs.)	Amount (Rs.)
Table UPVC (4FL X 2.5FL)	2,000	PC	15,500.00	31,000.00
Table UPVC (5FL X 2.5FL)	2,000	PC	20,000.00	40,000.00
Computer Table with Tray, Self.	1,000	PC	25,000.00	25,000.00
Drawer UPVC (6.5FL X 2.5 FL)	1,000	PC	8,000.00	8,000.00
Wall Display Cabinet-UPVC	60,000	FT ²	950.00	57,000.00
Bunker Cover, UPVC (12FL X 5FT)	1,000	AU	19,000.00	19,000.00

Total Basic Cost: Rs. 180,000.00

In Words: Rupees one lac eighty thousand only.

Terms & Conditions:

1. **Job Completion Schedule:** Nominated job shall be completed within the shortest possible time.
2. **Payment Terms:** Within 15 days after completion of nominated job entirely on actual measurement duly certified by GIL, subject to submission of Commercial Bill at least in triplicate along with other required documents / details like before & after photos, Geographical location, Information Display of the workplace, etc.
3. All Safety Precautions, Statutory Formalities etc. shall be maintained by you as per latest Govt. Rules & Regulations.

Note: Above mentioned Quantities are tentative and indicative purpose at present. However, the P.O. shall be placed only after successful job completion duly certified by GIL followed by rectifying the defect, if any, during observation period.

This Letter of Intent is being sent in duplicate through courier service. You are requested to sign second copy of the same and return to us as a token of your acceptance. In the meantime, scanned copy is also being sent through mail for your immediate reference.

Thanking You,

Yours faithfully,

For Graphite India Limited,

Siddhant Jain
(Purchase Head)

Received
Sujoy Singha
04-04-2025

Page 1 of 1

Registered Office: 31 Chowringhee Road, Kolkata 700 016, CIN: L10101WB1974PLC094602,
GST No: 19AACCO457C124 Telephone No: 91 33 40029600 | Fax No: 91 33 40029676,
Email Id: gilo@graphiteindia.com Website: www.graphiteindia.com

M/S SUJOY SINGHA

CIVIL CONTRACTOR & GENERAL ORDER SUPPLIER
SANJIB SARANI, DURGAPUR 713201

PHONE NO: 9332943175

VENDOR CODE: 211870

DATE: 20.09.2025.

Ref: SS/GIL - 15/2025

TO
THE GRAPHITE INDIA LIMITED
DURGAPUR 713211

Sub- Job completion

Dear, Sir,

With reference to your Letter of Intent - Ref - GIL/NBA/04/25-26 dated 04.04.2025, we have completed the nominated job successfully from our end. Now you are requested to visit the site and certify the completed job.

② We have visited the site and found the job completed as per the requirement. The job is now ready for use. Kindly visit the site and do the necessary inspection. We are awaiting your response.

Thanking You

SUJOY SINGHA
SUJOY SINGHA
My Best
Representative

SANJIB SARANI, DURGAPUR- 713201, PASCHIM BARDHAMAN

5. Manasha Mandir at Gopinathpur

Before:



After:



GRAPHITE INDIA LIMITED

DURGAPUR 713211, DIST- PASCHIM BURDWAN
PHONE: 7719362431, 7719362437, FAX: (0343) 2506896
E-Mail: gilm@graphiteindia.com www.graphiteindia.com

Ref: GIL/NBA/05/25-26

To
M/s. SUJOY SINGHA,
SANJIB SARANI, DURGAPUR,
DURGAPUR-713201,
PASCHIM BURDWAN.
Kind Attn.: Sujoy Singh
(M)-9332946175

Sub: Manasa Mandir Development Work at Sagarbhanga under Need Base Activities (Period: April 2025 to Sept. 2025)

Dear Sir,

With reference to your offer no.: SS/GI-02/2025 dated 02.04.2025, subsequent across-table discussion, negotiation etc. had with you on date and we are pleased to award the said job to you as per tentative BOQ along with unit price and cost mentioned below:

Job Description	Tentative Qty.	UOM	Unit Rate (Rs.)	Amount (Rs.)
Stringing of Existing Concrete	3.500	M ²	2,400.00	8,400.00
Earth Moving	3.500	M ³	145.00	507.50
RC Work	4.000	M ³	4,850.00	19,400.00
Base Plate GROUTING Work	11.000	PC	145.00	1,595.00
Brick Work	15.000	M ³	4,748.00	71,232.50
Cement/Plastering	4.500	M ³	160.00	720.00
Neat Cementing	4.500	M ³	40.00	180.00
Reinforcement Work	400.000	KG	7.00	2,800.00
Materials shifting work	1.000	AU	4,399.17	4,399.17
Total Basic Cost:				Rs. 39,225.17

In Words: Thirty-nine thousand two hundred twenty-five and paise seventeen only.

Terms & Conditions:

1. **Job Completion Schedule:** Nominated job shall be completed within the shortest possible time.
2. **Payment Terms:** Within 15 days after completion of nominated job entirely on actual measurement duly certified by GIL, subject to submission of Commercial Bill at least in triplicate along with other required documents / details like before & after photos, Geographical location, Information Display of the workplace, etc.
3. All Safety Precautions, Statutory Formalities etc. shall be maintained by you as per latest Govt. Rules & Regulations.

Note: Above mentioned Quantities are tentative and indicative purpose at present. However, the P.O. shall be placed only after successful job completion duly certified by GIL, followed by rectifying the defect, if any, during observation period.

This Letter of Intent is being sent in duplicate through courier service. You are requested to sign second copy of the same and return to us as a token of your acceptance. In the meantime, scanned copy is also being sent through mail for your immediate reference.

Thanking You,
Yours faithfully,
For Graphite India Limited,

Gopinathpur

4/04/2025

Dated: 04.04.2025

M/S SUJOY SINGHA

CIVIL CONTRACTOR & GENERAL ORDER SUPPLIER

SANJIB SARANI, DURGAPUR 713201

PHONE NO: 9332943175 VENDOR CODE: 211870

DATE: 20.09.2025.

Ref: SS/GIL-16/2025.

To
THE GRAPHITE INDIA LIMITED
DURGAPUR 713211

Sub:- Job completion

Dear Sir,

With reference to your letter of intent

GIL/NBA/05/25-26 dated 04.04.2025. we have completed the nominated job successfully from our end. etc.

Now you are requested to visit the site and certify the completed job.

(*) We have visited
the site & informed
you (Contractor) regarding
the proper completion of the
job. The job has been completed
properly & we shall
be pleased to have you visit
the site & certify
the completed job
on 26/09/25

Page 1 of 1

Thanking You

SUJOY SINGHA
M/S. SUJOY SINGHA
for Sujoy SINGHA

SANJIB SARANI, DURGAPUR- 713201, PASCHIM BARDHAMAN



GRAPHITE INDIA LIMITED

DURGAPUR 713211, DIST- PASCHIM BURDWAN
PHONE: 7719362431, 7719362437, FAX: (0343) 2506896
E-Mail: gilm@graphiteindia.com www.graphiteindia.com

Ref: GIL/NBA/06/25-26

To
M/s. FRIENDS CONSTRUCTION,
GOPINATHPUR, DURGAPUR,
DURGAPUR-713211,
PASCHIM BURDWAN.
Kind Attn.: Mr. Rajkumar Roy
(M)-9832804896

Sub: Manasa Mandir Development Work at Sagarbhanga under Need Base Activities (Period: April 2025 to Sept. 2025)

Dear Sir,

With reference to your offer no.: FC/GI-01/2025 dated 02.04.2025, subsequent across-table discussion, negotiation etc. had with you on date and we are pleased to award the said job to you as per tentative BOQ along with unit price and cost mentioned below:

Job Description	Tentative Qty.	UOM	Unit Rate (Rs.)	Amount (Rs.)
Fabrication & Erection of LINTO Shed by making of Truss, Column, Purlin, Side Runner, Base Plate, Entrance Gate etc. including providing required MS Materials, Consumables, Painting etc.	1	AU	150,000.00	1,50,000.00
Fitting, Fixing of AC Sheet at top Roof, Ridge, Corner, Guard Wall etc.	1	AU	50,000.00	50,000.00
Total Basic Cost in Rs. 2,00,000.00				

In Words: Rupees two lac only.

Terms & Conditions:

1. **Job Completion Schedule:** Nominated job shall be completed within the shortest possible time.
2. **Payment Terms:** Within 15 days after completion of nominated job entirely on actual measurement duly certified by GIL, subject to submission of Commercial Bill at least in triplicate along with other required documents / details like before & after photos, Geographical location, Information Display of the workplace, etc.
3. All Safety Precautions, Statutory Formalities etc. shall be maintained by you as per latest Govt. Rules & Regulations.

Note: Above mentioned Quantities are tentative and indicative purpose at present. However, the P.O. shall be placed only after successful job completion duly certified by GIL, followed by rectifying the defect, if any, during observation period.

This Letter of Intent is being sent in duplicate through courier service. You are requested to sign second copy of the same and return to us as a token of your acceptance. In the meantime, scanned copy is also being sent through mail for your immediate reference.

Thanking You,
Yours faithfully,
For Graphite India Limited,

Gopinathpur

04.04.25

Dated: 04.04.2025

Ref No - GIL/NBA/06/25-26

To
The purchase manager
Graphite India Ltd
Durgapur - 11
[Sub: Job completion]
Respected Sir,

With reference to our offer no - FC/GI/01/2025 dated - 02.04.2025, according to our letter of intent - with Ref No - GIL/NBA/06/25-26.

We have completed the nominated job successfully from our end. Now you are requested to visit the site and certify the completed job.

(*) We have visited the site & informed you (Contractor) regarding the proper completion of the job. The job has been completed properly & we shall be pleased to have you visit the site & certify the completed job on 26/09/25

For M/s - Friends Construction

FRIENDS CONSTRUCTION
Proprietor

Authorised Signatory

Registered Office: 31 Chowinghee Road, Kolkata 700 016, CIN : L10101WB1974PLC094602,
GST No: 19AACCC0457C124 Telephone No: 91 33 40029600 : Fax No: 91 33 40029676,
Email Id : gilm@graphiteindia.com Website : www.graphiteindia.com

Page 1 of 1

Need Based Activity done

Period: Apr25 - Sep 25

Expenses description given as per LOI. After rectification job Actual amount paid will be booked in the Allocated Need Based Activity

Sl no.	LOI description	Amount in Rs
1	Puja Ghat at sagarbhanga colony	167900
2	Maa Manasha Mandir at Namo Sagarbhanga	173412
3	Goalpark Development Work	153927
4	CCTV Surveillance room modification work at coke oven police station	180000
5i	Manasha Mandir at Gopinathpur	39225
5ii	Manasha Mandir at Gopinathpur	200000
Total		914464

Actual Expenses in Rs. (Lacs)					
No.	Need based Activities under CER (As per EC Requirement)	Actual Expenses in 23-24	Actual Expenses in 24- 25	Activity in 25-26 (Apr25- Mar26	Actual Expenses in 25- 26
		(2023-24)	(2024-25)	(2025-26)	
1	Development of nearby roads of the unit.		0.00		
2	Organize health camps in nearby areas	0.84	0.86		
3	To develop Health Care facility in nearby areas		0.00		
4	To develop educational facility in nearby areas		0.00		
5	To Initiate scholarship in nearby schools	0.44	0.00		
6	Plantation programs in Nearby Areas	0.75	0.79		
7	Develop nearby Puja area shed or any other requirements arising in nearby areas	11.12	19.06	9.15000	-
	Total	13.15	20.71		0.00

Annexure - 13



GRAPHITE INDIA LIMITED

REGD. & H.Q. : 31, CHOWBUNDHOO ROAD, KOLKATA - 700 016, #E, INDIA
PHONE: +91 33 4962 9601, 2226 5755 / 4942 / 4943 / 5847 / 2354, 2311 1166 / 1146
FAX: +91 33 2248 6420, E-mail: gi@gi-graphite.com
WEBSITE: www.graphiteindia.com, CIN: L10101WB1974PLC08462

ENVIRONMENTAL POLICY

Graphite India Limited is engaged in the manufacturing of carbon, graphite and other products. We believe that protecting environment is also an essential element of our operations. To achieve this including compliance within norms, use of sustainable resources, climate change mitigation and adaption and protection of biodiversity and ecosystems, company is committed to

- a) Minimising pollutants in air emissions, effluents, solid wastes and noise
- b) Upgrading technology level through continual improvement for prevention and reduction of pollution.
- c) Operating and maintaining the facilities so as to ensure compliance with all applicable legal and other obligations
- d) Determining the risk and opportunities related to its environmental aspects and compliance obligations
- e) While investing in new plant and equipment or technology, its environmental impact will be reckoned and appropriate provisions will be made for Energy efficiency.
- f) Setting environmental objectives and targets along with an integral process of periodical review to target enhancement of environmental performance.
- g) Conserving raw materials, natural resources and energy by reducing consumption and wastes
- h) Maintaining the policy as a documented information and effectively communicating it to all persons working for or on behalf of company and making it available to all relevant interested parties on request.
- i) Responsibility in this regard lies with 'Manager' in each of the locations.

DATE : 01.04.2020



A. DIXIT
EXECUTIVE DIRECTOR



Annexure - 14

C E R T I F I C A T E

Management system as per
ISO 14001 : 2015

The Certification Body TÜV NORD CERT GmbH hereby confirms as a result of the audit, assessment and certification decision according to ISO/IEC 17021-1:2015, that the organization

GRAPHITE INDIA LIMITED
Sagarbhanga, Durgapur - 713 211,
West Bengal,
India



operates a management system in accordance with the requirements of ISO 14001 : 2015 and will be assessed for conformity within the 3 year term of validity of the certificate.

Scope -

Manufacture and Supply of Graphite and Carbon Products.

Certificate Registration No. 44 104 14390299
Audit Report No. 2.5-2844/2000

Valid from 05.09.2023
Valid until 27.08.2026
Initial certification 28.08.2014


Certification Body
at TÜV NORD CERT GmbH

Mumbai, 05.09.2023

TÜV NORD CERT GmbH

Am TÜV 1

45307 Essen

www.tuev-nord-cert.com

TUV India Pvt. Ltd., 801, Raheja Plaza – 1, L.B.S. Marg,

Ghatkopar (W), Mumbai - 400 086, India

www.tuv-nord.com/in





C E R T I F I C A T E

Management system as per
ISO 45001 : 2018

The Certification Body TÜV NORD CERT GmbH hereby confirms as a result of the audit, assessment and certification decision according to ISO/IEC 17021-1:2015, that the organization

**GRAPHITE INDIA LIMITED
GE DIVISION
Sagarbhanga, Durgapur - 713 211,
West Bengal,
India**



operates a management system in accordance with the requirements of ISO 45001 : 2018 and will be assessed for conformity within the 3 year term of validity of the certificate.

Scope -

Manufacture and Dispatch of Graphite and Carbon Products.

Certificate Registration No. 44 126 23394093
Audit Report No. 2.5-11325/2023

Valid from 11.06.2023
Valid until 10.06.2026
Initial certification 11.06.2023


Certification Body
at TÜV NORD CERT GmbH

Mumbai, 11.06.2023

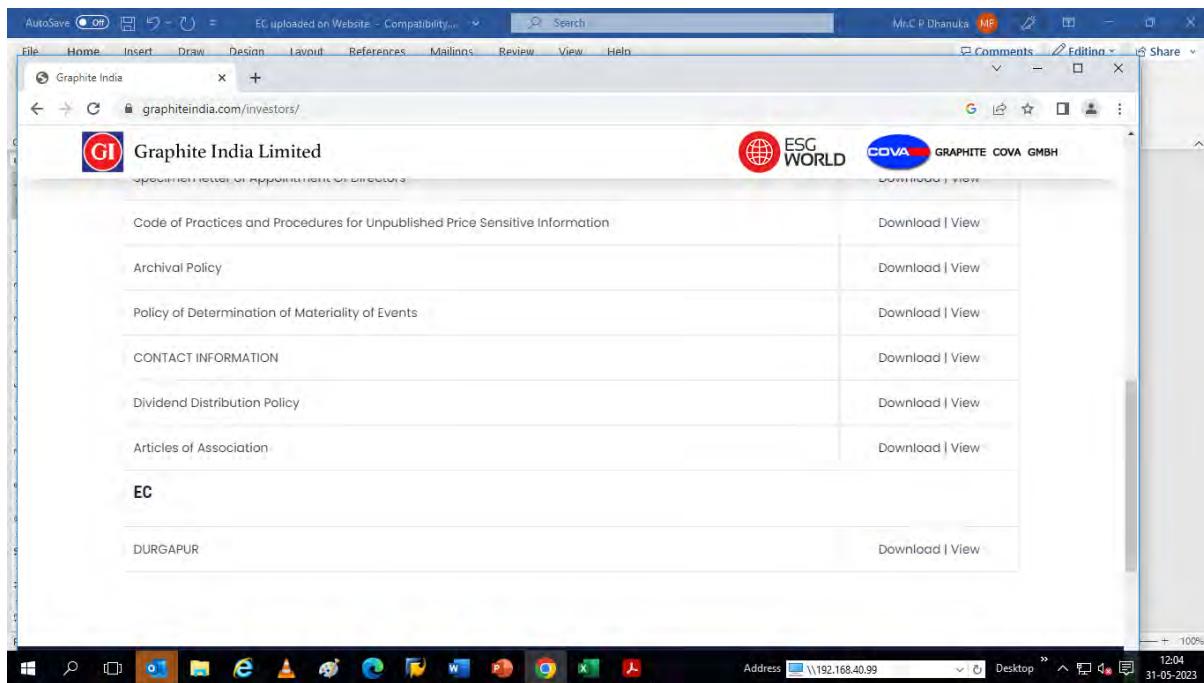
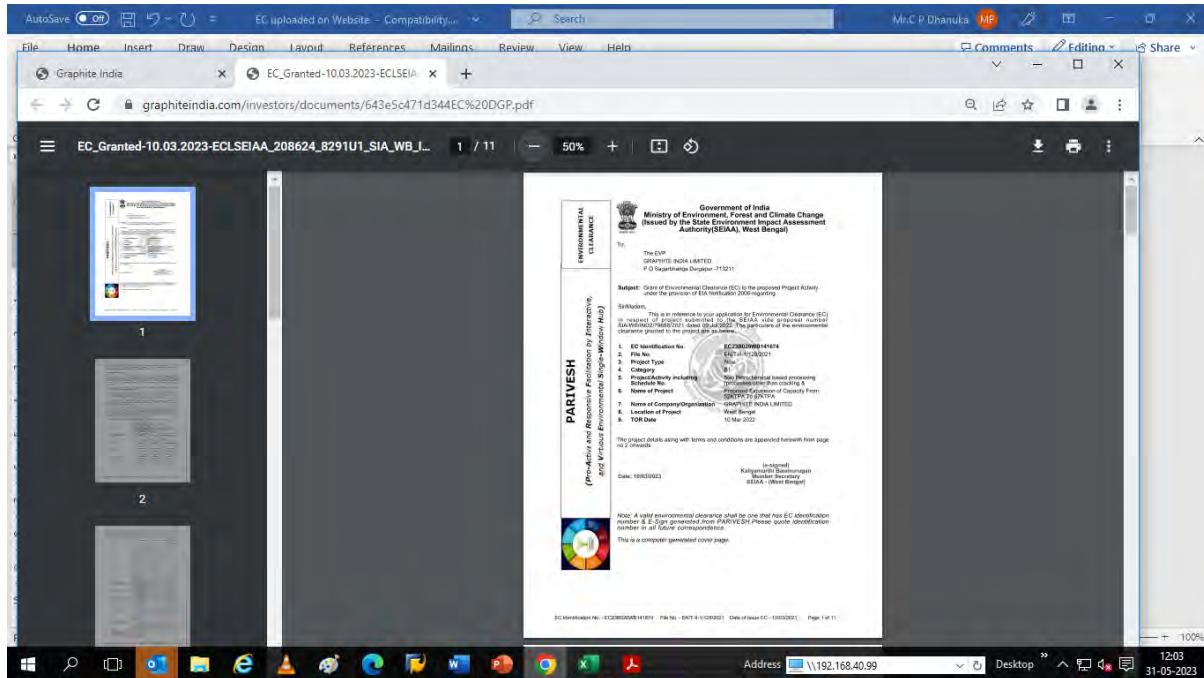
TÜV NORD CERT GmbH Am TÜV 1 45307 Essen www.tuev-nord-cert.com
TUV India Pvt. Ltd., 801, Raheja Plaza – 1, L.B.S. Marg, Ghatkopar (W), Mumbai - 400 086, India www.tuv-nord.com/in



Annexure-15

<https://graphiteindia.com/investors/documents/643e5c471d344EC%20DGP.pdf>

Link of EC uploaded on Website of www.graphiteindia.com under Investor relation page below Corporate Governance



NOTICE

This is for the information to all General Public, Bank and Financial Institution that my clients Biswajit Mazumder, S/o Late Badal Chandra Mazumder, resident at, Alamganj, Mota Shiv Tala, P.O. Natunganj, within P.S. Burdwan, Dist- Purba Barddhaman & Asim Kumar Bardhan, S/o Late Anil Kumar Bardhan, resident at- Tejganj School Para, P.O.- Natunganj, within P.S. - Burdwan, Dist- Purba Barddhaman, do hereby declare that Original Chain Deed of Chain Deed (Sale) being No. 2651 dated 23.03.2006, registered A.D.S.R Burdwan in connection with the Schedule mentioned Property has been lost from my clients custody and one General Missing Diary have been lodged regarding loss of aforesaid Original Chain Deed of Chain Deed (Sale) before the I.C. Burdwan P.S. Purba Barddhaman, G.D. Entry No.: 1282 dated 13.03.2023, and as such If that the Original Chain Deed of Chain Deed (Sale) being No. 2651 dated 23.03.2006, registered A.D.S.R Burdwan is under Charge

Vivo V15Pro
Bank or Financial
AI Triple Camera

Burdwan Municipality, ward No. 22, Mouza: Alamganj, J.L. No. 31, L.R.Khatian No. 3880 & 3976, R.S. Plot No. 203 & L.R. Plot No. 630, Class: Chira Mill, Area: 2880 Sq. Ft.

Kripa Sankar Mondal Advocate
District Judges Court, Burdwan Bar Association Room No. 07, (Rashbihari Kashya) Phone No.: 8348761945/ 9064544734

This is to inform the public that State Environment Impact Assessment Authority (SEIAA), West Bengal has issued Environmental Clearance to M/s Graphite India Limited, Sagarbhanga, Durgapur for Proposed Expansion of Capacity from 52KTPA to 67KTPA, Vide EC Identification No EC23B020WB141674 Dt: 10.03.2023 located at plots of Mouza Gopinathpur JL no. 85 & at plots of Mouza Nadia JL no. 92, District Paschim Burdhaman, West Bengal. The Environmental clearance issued by SEIAA is available on the official website of SEIAA, WB and the same is available with WBCB.

M/s Graphite India Limited, Sagarbhanga, Durgapur-713211

নোটিস

এতোদ্বারা জনসাধারণকে জানানো যাইতেছে যে স্টেট এনভায়রনমেন্ট ইমপ্যাক্ট অ্যাসেসমেন্ট অথরিটি (SEIAA), পশ্চিমবঙ্গ, মৌজা গোপিনাথপুর জেলা পশ্চিম বর্ধমান, পশ্চিমবঙ্গ JL নং ৮৫ এবং মৌজা নড়িয়া JL নং ৯২ প্লটে অবস্থিত, মেসার্স গ্রাফাইট ইন্ডিয়া লিমিটেড, সাগরভাঙ্গা, দুর্গাপুর, EC আইডেন্টিফিকেশন নং ০১ ৩০২৪০৭৪০৮০৭ মোতাবেক KTPA-এর প্রস্তাবিত ৫২ KTPA থেকে ৬৭ KTPA ক্ষমতা সম্প্রসারণের জন্য পরিবেশগত ছাড়পত্র জারি করেছে ১০.৩.২০২৩ তারিখে। SEIAA দ্বারা জারি করা পরিবেশগত ছাড়পত্র SEIAA, পশ্চিমবঙ্গের অফিসিয়াল ওয়েবসাইটে এবং পশ্চিমবঙ্গ দৃষ্টি নিয়ন্ত্রণ পার্সেন্স এর সাথে উপলব্ধ।

Vivo V15Pro ইন্ডিয়া লিমিটেড,
AI Triple Camera সাগরভাঙ্গা,
দুর্গাপুর-৭১৩২১১

Annexure - 16



GRAPHITE INDIA LIMITED

DURGAPUR 713211, DIST. BURDWAN
E-Mail: general_dgo@graphiteindia.com

Dt: 13.03.2023

To,
The Office of the Sabhadrupati,
Paschim Bardhaman Zilla Parishad,
Govt. of West Bengal.

Ref: EC Identification no. EC23B020WB141674 Dt: 10.03.2023 for Proposed Expansion of
Capacity From 52KTPA to 67 KTPA

Sub: Submission of Environmental Clearance (EC) copy to Head of local bodies / relevant
Government offices.

Dear Sir,

This is in reference to above mentioned Environmental clearance, we are sumitting the copy of EC as per the attached EC condition in Point XI, iii of page 7 for your display of the same for 30 days from the date of receipt of this letter.

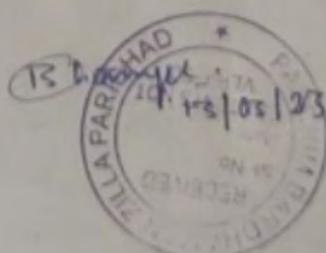
Kindly acknowledge and oblige.

Thanking you,

Yours Faithfully,
For Graphite India Limited.

Ranadeep Chakraborty
Vice President (Works)

Enclosed - As above





GRAPHITE INDIA LIMITED

DURGAPUR 713211, DIST- BURDWAN
E-Mail : general_dgp@graphiteindia.com

Dt: 13.03.2023

To,
The Office of Additional District Magistrate (LR),
Paschim Bardhaman,
Govt. of West Bengal.

Ref: EC Identification no. EC23B020WB141674 Dt: 10.03.2023 for Proposed Expansion of
Capacity From 52KTPA to 67 KTPA

Sub: Submission of Environmental Clearance (EC) copy to Head of local bodies / relevant
Government offices.

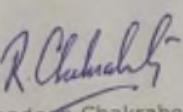
Dear Sir,

This is in reference to above mentioned Environmental clearance, we are summiting the copy of EC as per the attached EC condition in Point XI, iii of page 7 for your display of the same for 30 days from the date of receipt of this letter.

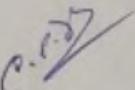
Kindly acknowledge and oblige.

Thanking you,

Yours Faithfully,
For Graphite India Limited.


Ranadeep Chakraborty

Vice President (Works)


Enclosed - As above

Received
but Contents are not verified
B. Chakraborty
13/03/23
Receiving Clerk
DL&LRO, Paschim Bardhaman

REGISTERED OFFICE & H.O. : 31, CHOWRINGHEE ROAD, KOLKATA 700 016
CIN - L10101WB1974PLC094602 Phone: +91-33-40029600 Fax: +91-33-40029676 E-Mail: giro@graphiteindia.com
Website: www.graphiteindia.com



GRAPHITE INDIA LIMITED

DURGAPUR 713211, DIST- BURDWAN
E-Mail : general_dgp@graphiteindia.com

Dt: 13.03.2023

To,
The Office of District Magistrate,
Paschim Bardhaman,
Govt. of West Bengal.

Ref: EC Identification no. EC23B020WB141674 Dt: 10.03.2023 for Proposed Expansion of Capacity From 52KTPA to 67 KTPA

Sub: Submission of Environmental Clearance (EC) copy to Head of local bodies / relevant Government offices.

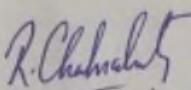
Dear Sir,

This is in reference to above mentioned Environmental clearance, we are sumitting the copy of EC as per the attached EC condition in Point XI, iii of page 7 for your display of the same for 30 days from the date of receipt of this letter.

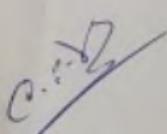
Kindly acknowledge and oblige.

Thanking you,

Yours Faithfully,
For Graphite India Limited.


Ranadeep Chakraborty

Vice President (Works)


Enclosed - As above



REGISTERED OFFICE & H.O. : 31, CHOWRINGHEE ROAD, KOLKATA 700 016
CIN - L10101WB1974PLC094602 Phone: +91-33-40029600 Fax: +91-33-40029676 E-Mail: giro@graphiteindia.com
Website: www.graphiteindia.com



GRAPHITE INDIA LIMITED

DURGAPUR 713211, DIST- BURDWAN
E-Mail : general_dgp@graphiteindia.com

Dt: 13.03.2023

To,
The Office of the Block Development Officer,
Durgapur -Faridpur Development Block,
Paschim Bardhaman,
Govt. of West Bengal.

Ref: EC Identification no. EC23B020WB141674 Dt: 10.03.2023 for Proposed Expansion of Capacity From 52KTPA to 67 KTPA

Sub: Submission of Environmental Clearance (EC) copy to Head of local bodies / relevant Government offices.

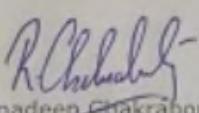
Dear Sir,

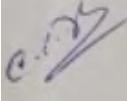
This is in reference to above mentioned Environmental clearance, we are summiting the copy of EC as per the attached EC condition in Point XI, iii of page 7 for your display of the same for 30 days from the date of receipt of this letter.

Kindly acknowledge and oblige.

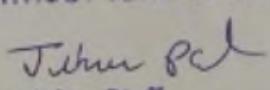
Thanking you,

Yours Faithfully,
For Graphite India Limited.


Ranadeep Chakraborty
Vice President (Works)


Enclosed - As above

Received No. 327 dt 13/03/23
RECEIVED WITHOUT VERIFICATION


Receiving Staff
Block Development Office
Durgapur Faridpur



GRAPHITE INDIA LIMITED

DURGAPUR 713211, DIST- BURDWAN
E-Mail : general_dgp@graphiteindia.com

Dt: 13.03.2023

To,
The Office of Environmental Engineer,
West Bengal Pollution Control Board,
Durgapur Regional Office,
Sahid Khudiram Sarani,
City Center,
Durgapur – 713216.



Ref: EC Identification no. EC23B020WB141674 Dt: 10.03.2023 for Proposed Expansion of Capacity From 52KTPA to 67 KTPA

Sub: Submission of Environmental Clearance (EC) copy to Head of local bodies / relevant Government offices.

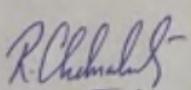
Dear Sir,

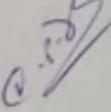
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Kindly acknowledge and oblige.

Thanking you,

Yours Faithfully,
For Graphite India Limited.


Ranadeep Chakraborty
Vice President (Works)


Enclosed – As above

REGISTERED OFFICE & H.O. : 31, CHOWRINGHEE ROAD, KOLKATA 700 016
CIN - L10101WB1974PLC094602 Phone: +91-33-40029600 Fax: +91-33-40029676 E-Mail: giro@graphiteindia.com
Website: www.graphiteindia.com



GRAPHITE INDIA LIMITED

DURGAPUR 713211, DIST- BURDWAN
E-Mail: general_dgp@graphiteindia.com

Dt: 13.03.2023

To,
The Office of the Sub-Divisional Officer,
Durgapur Sub-Division,
Paschim Bardhaman,
Govt. of West Bengal.

Ref: EC Identification no. EC23B020WB141674 Dt: 10.03.2023 for Proposed Expansion of Capacity From 52KTPA to 67 KTPA

Sub: Submission of Environmental Clearance (EC) copy to Head of local bodies / relevant Government offices.

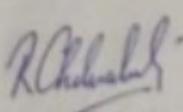
Dear Sir,

This is in reference to above mentioned Environmental clearance, we are sumitting the copy of EC as per the attached EC condition in Point XI, iii of page 7 for your display of the same for 30 days from the date of receipt of this letter.

Kindly acknowledge and oblige.

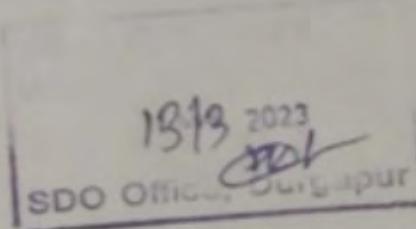
Thanking you,

Yours Faithfully,
For Graphite India Limited.


Ranadeep Chakraborty

Vice President (Works)

Enclosed - As above





GRAPHITE INDIA LIMITED

DURGAPUR 713211, DIST- BURDWAN
E-Mail: general_dgp@graphiteindia.com

To,
The Office of the General Manager,
District Industries Center,
Paschim Bardhaman,
Govt. of West Bengal.

Dt: 13.03.2023

Ref: EC Identification no. EC23B020WB141674 Dt: 10.03.2023 for Proposed Expansion of Capacity From 52KTPA to 67 KTPA

Sub: Submission of Environmental Clearance (EC) copy to Head of local bodies / relevant Government offices.

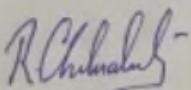
Dear Sir,

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Kindly acknowledge and oblige.

Thanking you,

Yours Faithfully,
For Graphite India Limited.


Ranadeep Chakraborty

Vice President (Works)

Enclosed - As above

Received (Content is not Verified)
13-3-2023
Anc. Ind. Dev. Cell & Sub-DIC, Durgapur
Durgapur, Govt. of West Bengal



GRAPHITE INDIA LIMITED

DURGAPUR 713211, DIST- BURDWAN
E-Mail : general_dgp@graphiteindia.com

Dt: 13.03.2023

To, Commissioner

The,Office of the Durgapur Municipal Corporation,
Paschim Bardhaman,
Govt. of West Bengal.

**Ref: EC Identification no. EC23B020WB141674 Dt: 10.03.2023 for Proposed Expansion of
Capacity From 52KTPA to 67 KTPA**

**Sub: Submission of Environmental Clearance (EC) copy to Head of local bodies / relevant
Government offices.**

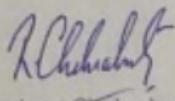
Dear Sir,

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Kindly acknowledge and oblige.

Thanking you,

Yours Faithfully,
For Graphite India Limited.


Ranadeep Chakraborty

Vice President (Works)

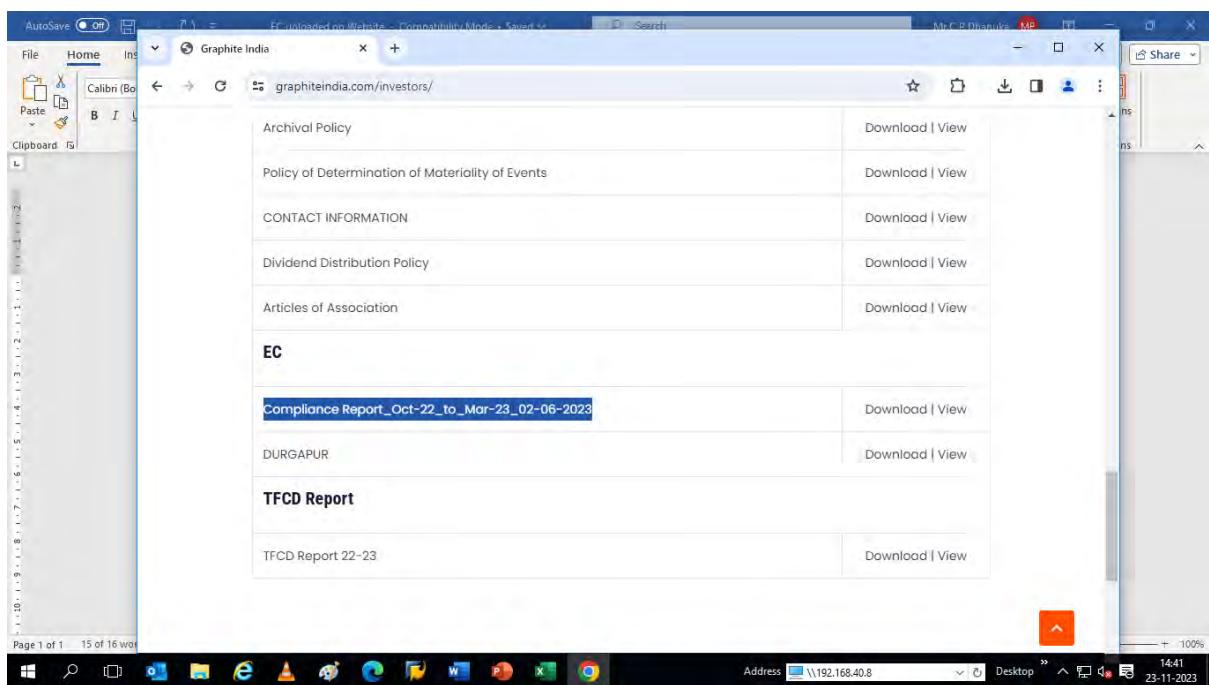
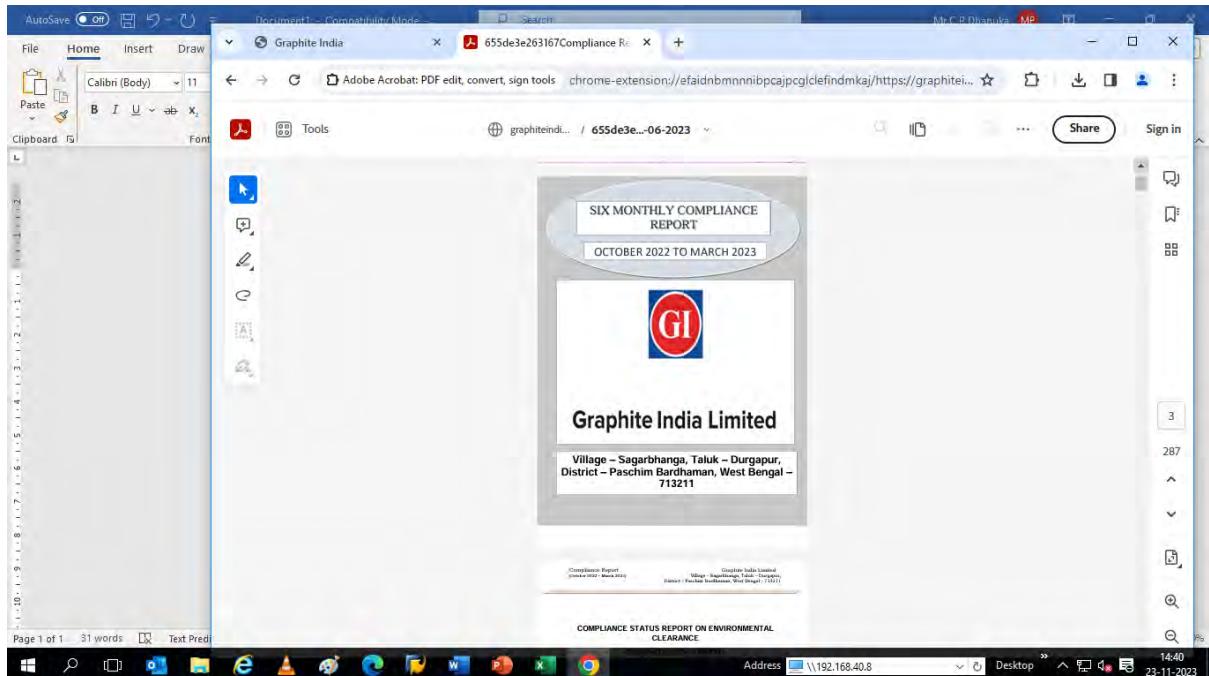
Enclosed - As above


Received & Verified
Durgapur Municipal Corporation

REGISTERED OFFICE & H.O.: 31, CHOWRINGHEE ROAD, KOLKATA 700 016
CIN - L10101WB1974PLC094602 Phone: +91-33-40029600 Fax: +91-33-40029676 E-Mail: gilro@graphiteindia.com
Website: www.graphiteindia.com

https://graphiteindia.com/investors/documents/655de3e263167Compliance%20Report_Oct-22_to_Mar-23_02-06-2023.pdf

Link of Six monthly Environmental compliance Status Report (for the period Oct-22 to Mar-23) on our Website permanently uploaded on Website of www.graphiteindia.com under Investor relation page below **EC heading**



<https://graphiteindia.com/investors/documents/664af396e5ff1Six%20Monthly%20Compliance%20Report-Apr-23%20-%20Sep-23.pdf>

Link of Six monthly Environmental compliance Status Report (for the period Apr-23 to Sep-23) on our Website permanently uploaded on Website of www.graphiteindia.com under Investor relation page below **EC heading**

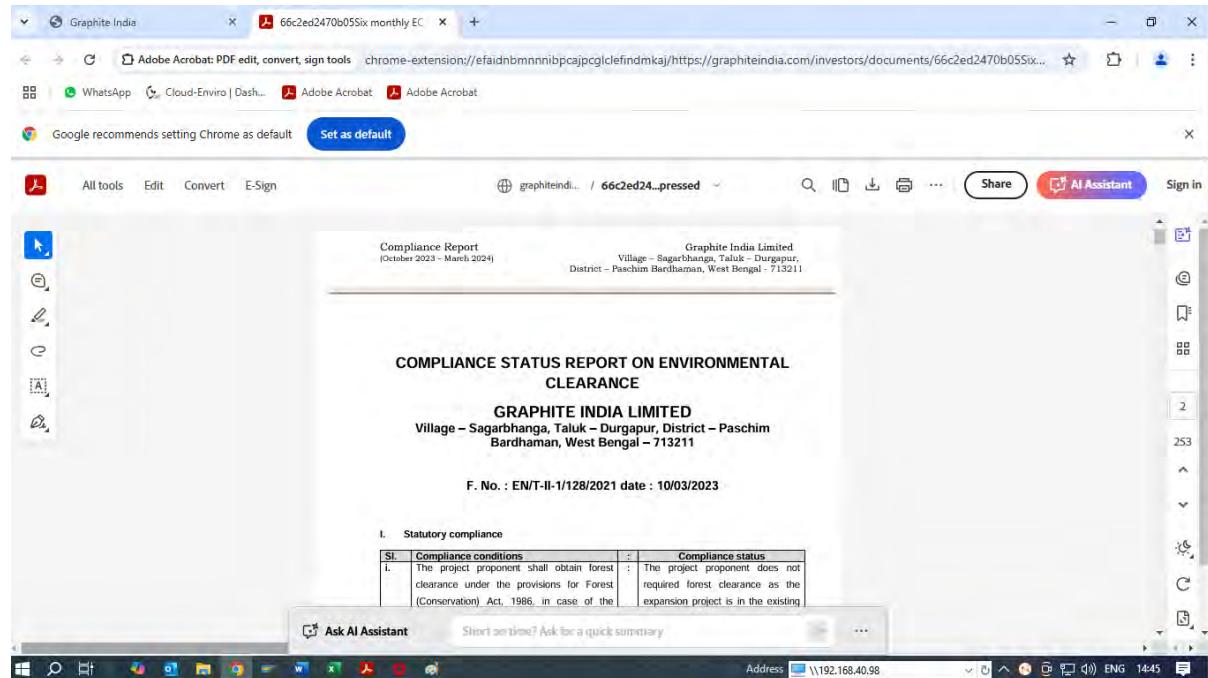


Screenshot of the Graphite India Limited website showing the 'EC' (Environmental Compliance) section. The page lists various reports with download and view links.

Report	Action
Familiarisation programme for Independent directors	Download View
Articles of Association	Download View
EC	
Compliance Report_Apr 23 - Sep 23_08-12-2023	Download View
Compliance Report_Oct-22_to_Mar-23_02-06-2023	Download View
DURGAPUR	Download View
TFCD Report	
TFCD Report 22-23	Download View

https://graphiteindia.com/investors/documents/66c2ed2470b05Six%20monthly%20EC%20Compliance%20report-Oct23%20to%20Mar24_compressed.pdf

Link of Six monthly Environmental compliance Status Report (for the period Oct-23 to Mar-24) on our Website permanently uploaded on Website of www.graphiteindia.com under Investor relation page below **EC heading**



Compliance Report
(October 2023 – March 2024)

Graphite India Limited
Village – Sagarbhanga, Taluk – Durgapur,
District – Paschim Bardhaman, West Bengal – 713211

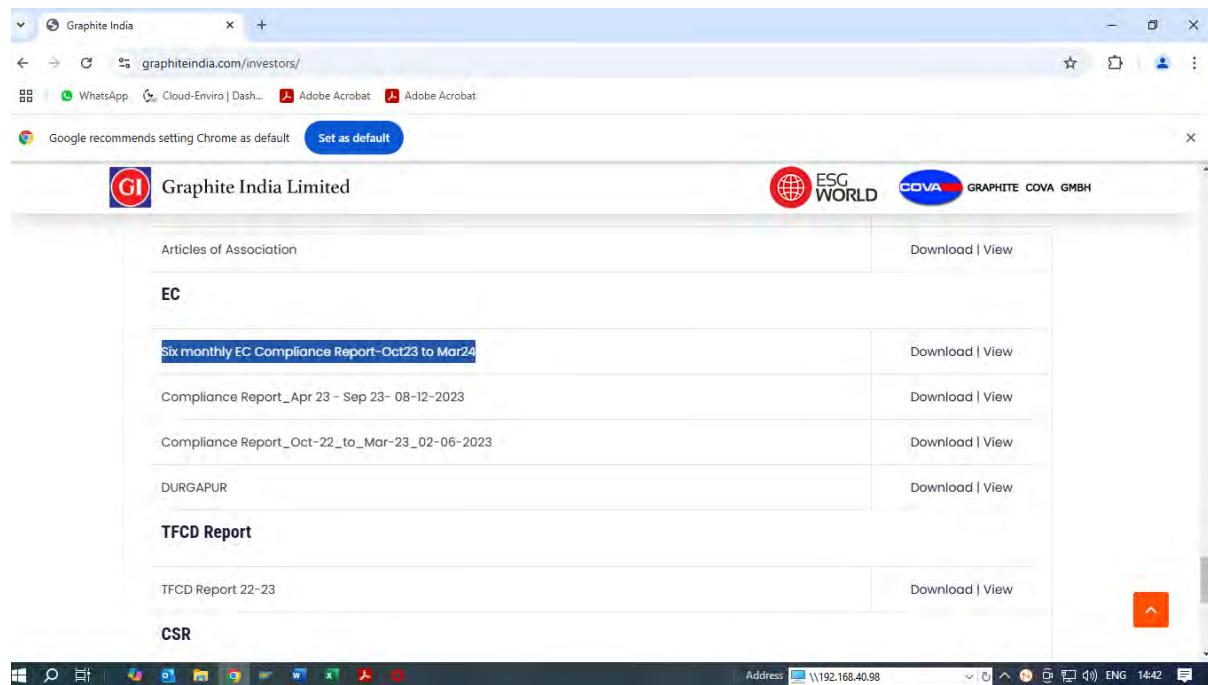
COMPLIANCE STATUS REPORT ON ENVIRONMENTAL CLEARANCE

GRAPHITE INDIA LIMITED
Village – Sagarbhanga, Taluk – Durgapur, District – Paschim
Bardhaman, West Bengal – 713211

F. No. : EN/T-II-1/128/2021 date : 10/03/2023

I. Statutory compliance

Sl.	Compliance conditions	Compliance status
I.	The project proponent shall obtain forest clearance under the provisions for Forest (Conservation) Act, 1986, in case of the expansion project is in the existing forest area.	The project proponent does not require forest clearance as the expansion project is in the existing forest area.



Graphite India Limited

Articles of Association [Download | View](#)

EC

[Six monthly EC Compliance Report-Oct23 to Mar24](#) [Download | View](#)

[Compliance Report_Apr 23 - Sep 23_ 08-12-2023](#) [Download | View](#)

[Compliance Report_Oct-22_to_Mar-23_02-06-2023](#) [Download | View](#)

[DURGAPUR](#) [Download | View](#)

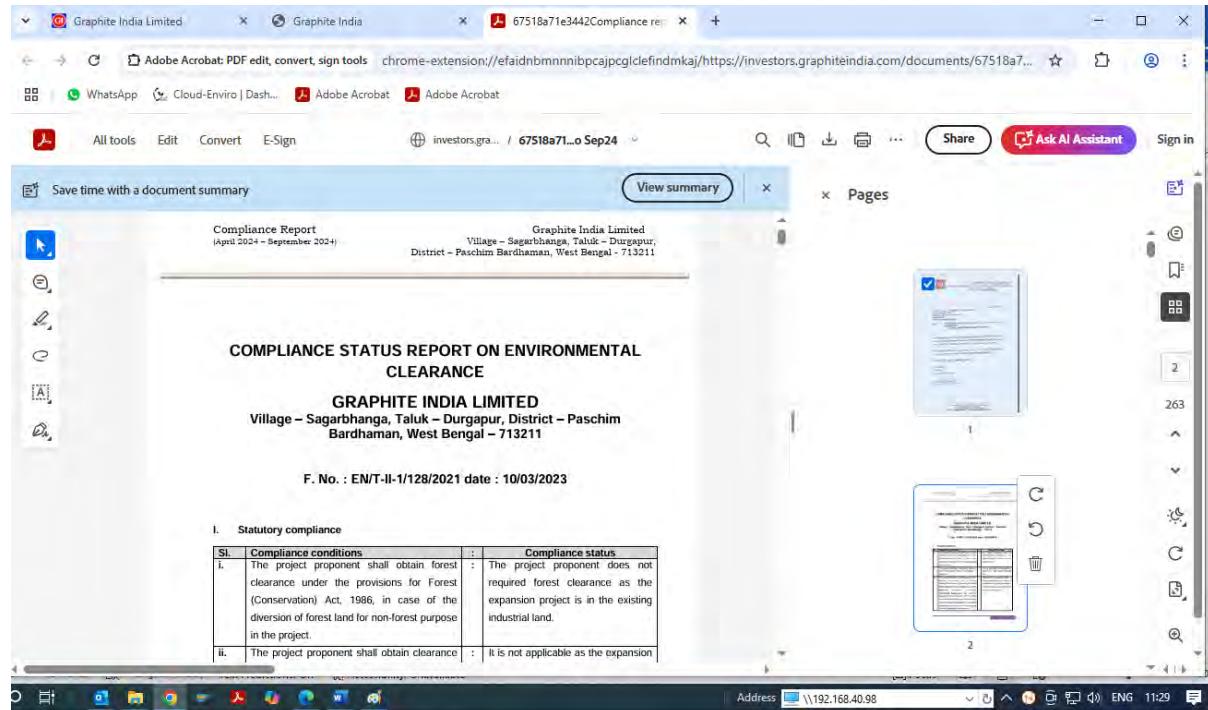
TFCD Report

[TFCD Report 22-23](#) [Download | View](#)

CSR

<https://investors.graphiteindia.com/documents/67518a71e3442Compliance%20report-Apr24%20to%20Sep24.pdf>

Link of Six monthly Environmental compliance Status Report (for the period Apr-24 to Sep-24) on our Website permanently uploaded on Website of www.graphiteindia.com under Investor relation page below **EC heading**



Compliance Report (April 2024 – September 2024)

Graphite India Limited
Village – Sagarbhanga, Taluk – Durgapur, District – Paschim Bardhaman, West Bengal - 713211

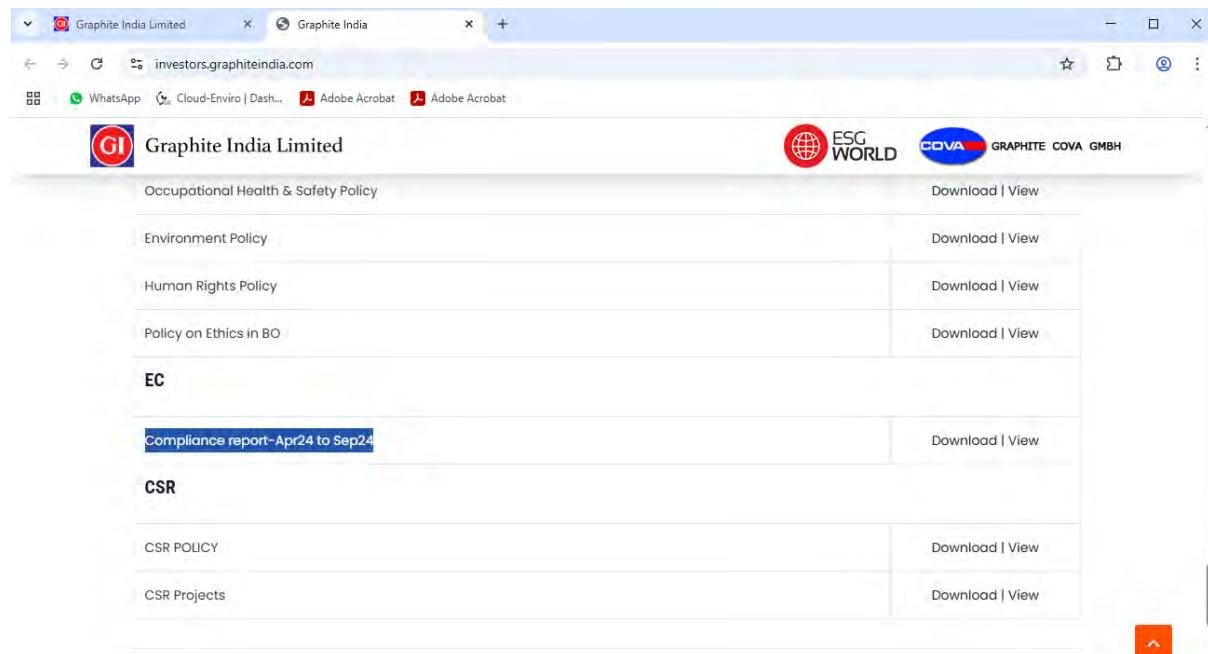
COMPLIANCE STATUS REPORT ON ENVIRONMENTAL CLEARANCE

GRAPHITE INDIA LIMITED
Village – Sagarbhanga, Taluk – Durgapur, District – Paschim Bardhaman, West Bengal – 713211

F. No. : EN/T-II-1/128/2021 date : 10/03/2023

i. Statutory compliance

Sl.	Compliance conditions	Compliance status
I.	The project proponent shall obtain forest clearance under the provisions for Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose in the project.	The project proponent does not required forest clearance as the expansion project is in the existing industrial land.
II.	The project proponent shall obtain clearance	It is not applicable as the expansion



Graphite India Limited

Occupational Health & Safety Policy

Environment Policy

Human Rights Policy

Policy on Ethics in BO

EC

Compliance report-Apr24 to Sep24

CSR

CSR POLICY

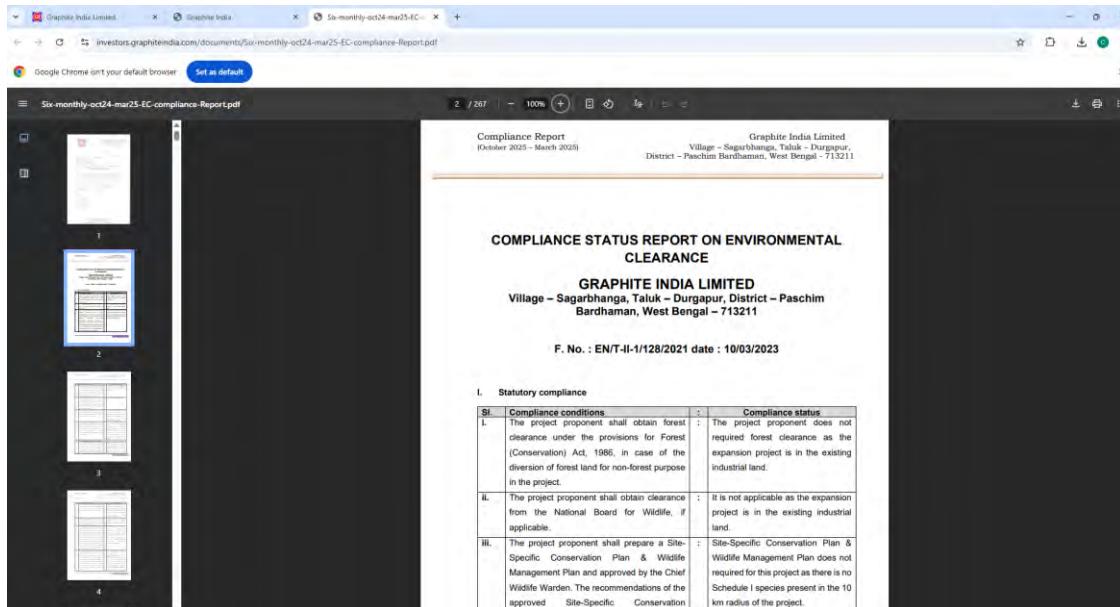
CSR Projects

ESC WORLD

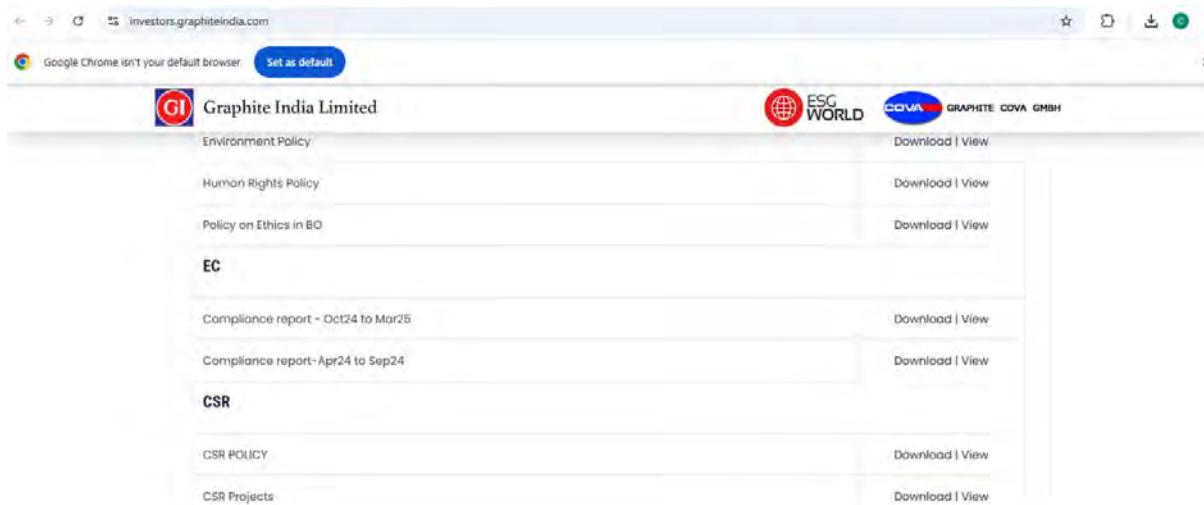
COVA GRAPHITE COVA GMBH

<https://investors.graphiteindia.com/documents/Six-monthly-oct24-mar25-EC-compliance-Report.pdf>

Link of Six monthly Environmental compliance Status Report (for the period Oct-24 to Mar-25) on our Website permanently uploaded on Website of www.graphiteindia.com under Investor relation page below **EC heading**



Sl.	Compliance conditions	Compliance status
I.	The project proponent shall obtain forest clearance under the provisions for Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose in the project.	The project proponent does not require forest clearance as the expansion project is in the existing industrial land.
II.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	It is not applicable as the expansion project is in the existing industrial land.
III.	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation	Site-Specific Conservation Plan & Wildlife Management Plan does not required for this project as there is no Schedule I species present in the 10 km radius of the project.





DURGAPUR-713211, DIST. - BURDWAN
E-MAIL : general_dgp@graphiteindia.com

Dt: 23.09.2025

To,
The Office of Environmental Engineer,
West Bengal Pollution Control Board,
Durgapur Regional Office,
Sahid Khudiram Sarani,
City Center,
Durgapur - 713216.

Sub: "Environmental Statement" of M/s. Graphite India Limited, Durgapur 713211, W.B., for the financial year, ending 31st March, 2025 in Form V, in compliance with the requirement of "Environment protection Amendment Rule(1993, Rule-2(b))" notified vide G.S.R 3'6(E) dated 22.04.1993

Dear Sir,

On the above stated matter, enclosed please find herewith one set of "ENVIRONMENTAL STATEMENT", in Form - V prepared by our Sr. Manager (Technical) for your kind perusal.

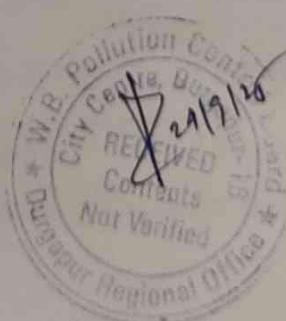
Hope, you will find everything in order.

Thanking you,

Yours Faithfully,
For Graphite India Limited.

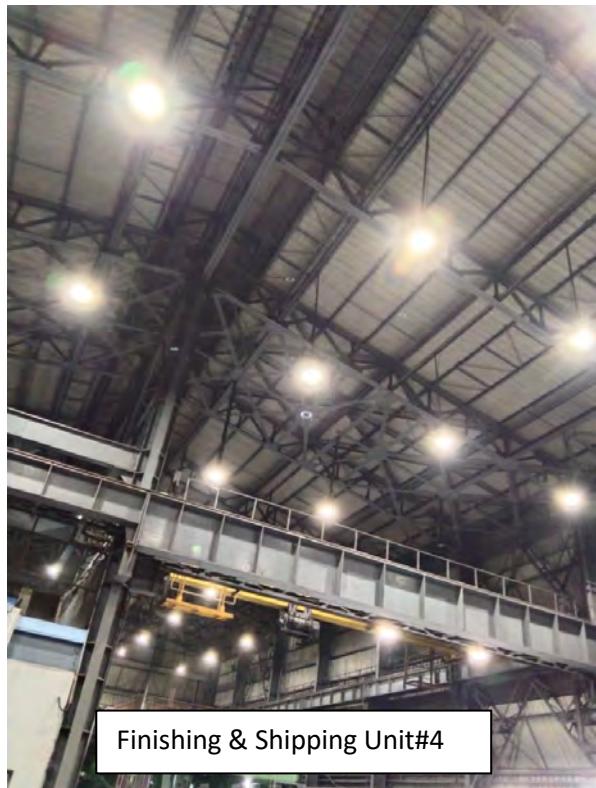
Ranadeep Chakraborty
(Sr. Vice President Works)

Encl: Environmental Statement



Annexure -19

LED Light Photographs





LIFE
Lifestyle for
Environment

WEST BENGAL POLLUTION CONTROL BOARD
(Department of Environment, Government of West Bengal)
Paribesh Bhawan, 10A, Block - LA, Sector III, Bidhannagar
Kolkata - 700 106, Ph.: 2335-9088/8861/7428, Fax : 2335-2813
Website: www.wbpcb.gov.in, Email: net.wbpcb-wb@bangla.gov.in

Memo no. 11068 - - 4A/18/2008(Pt.-VI)

Date: 28 /08/2025

To
The Joint Director,
Ministry of Environment & Forest & Climate Change
Government of India
Indira Paryavaran Bhawan, Jorbagh Road,
New Delhi - 110003

Sub: Compliance report of EC conditions of M/s. **Graphite India Ltd.** located at DMC Ward - 28, P.O. - Sagarbhanga, Dist. - Paschim Bardhaman, Pin - 713211

Ref: Letter of the unit dated 22/07/2025 regarding submission of Compliance Report of EC condition.

Sir,

Enclosed please find herewith the compliance report EC conditions of M/s. **Graphite India Ltd.** located at DMC Ward - 28, P.O. - Sagarbhanga, Dist. - Paschim Bardhaman, Pin - 713211, West Bengal based on the inspection carried out by the State Board on 07/08/2025.

Thanking you,

Yours faithfully,

K. M. S. / 28.08.25
Chief Engineer
(Operation & Execution Cell)
West Bengal Pollution Control Board

Enclo: As stated.

Memo no. 11068(1-4) 4A/18/2008(Pt.-VI)

Date: 28 /08/2025

Copy to:

1. **M/s. Graphite India Ltd.** located at DMC Ward - 28, P.O. - Sagarbhanga, Dist. - Paschim Bardhaman, Pin - 713211.
2. The Chief Engineer, (P & EIM Cell), WBPCB
3. The Environmental Engineer (In-charge), Durgapur Regional Office, WBPCB
4. T.A. to the Member Secretary, WBPCB.

K. M. S. / 28.08.25
Chief Engineer
(Operation & Execution Cell)
West Bengal Pollution Control Board

otc



LiFE
Lifestyle for
Environment

①
WEST BENGAL POLLUTION CONTROL BOARD
(Department of Environment, Government of West Bengal)
Durgapur Regional Office
Sahid Khudiram Sarani, City Centre
Durgapur - 713 216, Tele Phone: (0343) 254-6708, 254-4915

Memo No. 653 -7/WPBD-Cont(408)/98 Part-VIII

Date: 13.08.2025

To
The Chief Engineer (O&E Cell)
West Bengal Pollution Control Board
Paribesh Bhawan
10A, LA-Block, Sector-III
Salt Lake, Kolkata-700106

Sub: Certified compliance report of M/s. Graphite India Limited, P.O.-Sagarbhanga, Dist.-
Pa^{ch}chim Bardhaman, PIN-713211

Ref: Direction of SEE(O&E) following unit's letter dated 22/07/2025

Sir,

In reference to above, this is for your kind information that M/s. Graphite India Limited, P.O.-
Sagarbhanga, Dist.-Paschim Bardhaman, PIN-713211 was inspected by this office on
07/08/2025. Inspection report is enclosed for your kind perusal and necessary action please.

Yours faithfully,

Kay
13/8/25
Environmental Engineer
Durgapur Regional Office

Enclo: As stated.



Diary No. 3798
Operation and Execution Cell
West Bengal Pollution Control Board
Date 19/8/25
19/8/25
19/8/25

SEE(O&E)
13/8/25
CE (O&E)

INSPECTION REPORT

<i>Inspection reference</i>	Instruction of the SEE (O&E) following unit's letter dated 22/7/25
<i>Name & Address of the unit</i>	M/s. Graphite India Ltd. DMC ward-28, P.O.- Sagarbhanga, Paschim Bardhaman-713211.
<i>Police Station</i>	Coke Oven
<i>Local Body</i>	DMC
<i>Electricity Authority</i>	DVC
<i>Date & Time of inspection</i>	07/8/2025, 14:50 - 17:15 hrs.
<i>Inspected by</i>	C. Dawn, AEE
<i>Persons met during inspection</i>	Sri C.P. Dhanuka, Manager (Technical)
<i>Industrial category</i>	Red (Industrial carbon including electrodes & graphite blocks)
<i>Status of CFE/CFO</i>	CTO is valid till 30/11/2028
<i>Observation</i>	<p>The plant was in operation with its different sections running, except the old extrusion section which has been closed temporarily. Emissions from stacks of different sections was visibly insignificant during inspection.</p> <p>There was no outside discharge of liquid effluent during inspection and waste water recycling system was seen to be in operation.</p> <p>Solid & hazardous wastes were seen to be stored in designated places.</p> <p>Unit has arranged for rain-water harvesting in tanks, total 3 sets comprising of 2 tanks in each set, for roof-top run-off (photographs taken during inspection are attached herewith). Environmental information display board at the main entrance was seen updated.</p>
<i>Other relevant information</i>	The Certified Compliance Report, as per conditions of the last Environmental Clearance (F No.: EN/T-II-1/128/2021 dated 10/3/2023) has been prepared and enclosed herewith.



One set of roof-top rain water harvesting arrangement

C. Dawn 08/7/25
(C. Dawn, AEE)

COMPLIANCE STATUS REPORT W.R.T. ENVIRONMENTAL CLEARANCE
(F. No.: EN/T-II-1/128/2021 date: 10/03/2023)

GRAPHITE INDIA LIMITED
Durgapur Municipal Corpn. ward- 28, P.O.- Sagarbhanga, P.S.- Coke Oven,
Paschim Bardhaman- 713211

I. Statutory compliance

Sl.	Compliance conditions	Compliance status
i.	The project proponent shall obtain forest clearance under the provisions for Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose in the project.	: NA
ii.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	: NA
iii.	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan/Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).	: NA
iv.	The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board Committee.	: Complied
v.	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water/ from the competent authority concerned in case of drawl of surface water required for the project.	: NA [Water used is supplied by M/s. The Durgapur Projects Limited (a Govt. of West Bengal enterprise)]
vi.	The project proponent shall obtain authorization under the Hazardous and the other Waste Management Rules, 2016 as amended from the time to time.	: Complied
vii.	The company shall strictly comply with the rules and guidelines under Manufactures, Storage and Import of Hazardous Chemicals (MSHIC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.	: NA
II Air quality monitoring and preservation		
i.	The project proponent shall install 24x7 continuous emission system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules, 1986 and connected	: Complied

Sl.	Compliance conditions	:	Compliance status
i.	to SPCB and CPCB online serves and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	:	
ii.	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.	:	Complied
iii.	The project proponent shall install system to carryout continuous Ambient Air Quality Monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM ₁₀ and PM _{2.5} in reference to PM emission, and SO ₂ , and NO _x in reference to SO ₂ and NO _x emission) within and outside the plant area at least at four locations (one within and three outside the plant area at an angel of 120° each), covering upwind and downwind directions. (case to case basis small plants: Manual; Large plants: Continuous).	:	Complied
iv.	The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual monitoring of air quality/fugitive emissions to Regional Office of Ministry of Environment, Forest & Climate Change / State Environment Impact Assessment Authority /State Pollution Control Board / Zonal office of CPCB along with six-monthly monitoring report.	:	Complied
v.	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.	:	Complied
vi.	Sulphur content should not exceed 0.5% in the coal for use fired boilers to control particulate emission within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB guidelines.	:	NA
vii.	The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.	:	Complied
viii.	The National Emission Standards for Petroleum Oil Refinery issued by the Ministry vide G.S.R. 186(E) dated 18th March, 2008 and G.S.R. 595(E) dated 21st August, 2009 as amended from time to time shall be followed.	:	NA
ix.	The National Emission Standards for Petrochemical (Basic & Intermediates) issued by the Ministry vide G.S.R. 820 (E) dated 9th November, 2012 as amended time to time shall be followed.	:	NA

Sl.	Compliance conditions	Compliance status
x.	Storage of raw materials, coal etc. shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	Complied
III Water quality monitoring and preservation		
i.	The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises (applicable in case of the projects achieving ZLD).	OCEMS not installed as there is no outside discharge of liquid effluent. Web camera & Flow meters installed.
ii.	The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/ sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.	NA
iii.	The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of Ministry of Environment, Forests & Climate Change / State Environment Impact Assessment Authority/Zonal office of CPCB/ State Pollution Control Board along with six-monthly monitoring report.	NA (as there is no outside discharge of liquid effluent)
iv.	The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air / Water Act, whichever is more stringent.	NA (as there is no outside discharge of liquid effluent)
v.	As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste / treated water shall be discharged outside the premises (applicable in case of the projects achieving the ZLD).	Complied
vi.	Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority / SWID in this regard.	Complied
vii.	Process effluent / any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.	Complied.
viii.	The project proponent shall practice rainwater harvesting to maximum possible extent.	Complied
ix.	The project proponent shall make efforts to minimise water consumption in the complex by segregation of used water, practicing cascade use and by recycling treated water.	Complied
IV Noise monitoring and prevention		
i.	Acoustic enclosure shall be provided to DG set for controlling the noise pollution.	Complied
ii.	The overall noise levels in and around the plant area shall be kept well within the standards by providing	Complied

Sl.	Compliance conditions	:	Compliance status
	noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.		
iii.	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.		Complied
V	Energy Conservation measures		
i.	The energy sources for lighting purposes shall preferably be LED based.		Complied
VI	Waste management		
i.	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys, etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.		NA
ii.	Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.		ETP sludge is disposed off to authorized CHWTSDF.
iii.	<p>The company shall undertake waste minimization measures as below: -</p> <ul style="list-style-type: none"> a. Metering and control of quantities of active ingredients to minimize waste. b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. c. Use of automated filling to minimize spillage. d. Use of Close Feed system into batch reactors. e. Venting equipment through vapour recovery system. f. Use of high-pressure hoses for equipment clearing to reduce wastewater generation. 		<ul style="list-style-type: none"> a. Complied b. Minor part reused, as applicable & major part sold. c. Complied d. Complied, wherever applicable. e. NA f. NA
VII	Green Belt		
i.	<p>The green belt of 5-10 m width shall be developed in the total project area and also in the compensatory plantation area as proposed by the project proponent. In this regard, O.M. issued by MoEF&CC vide F No 22-2312018.IA.III(Pt.) dated 31.10.2019 should be strictly complied with, as the project is located within the municipal boundaries of Durgapur Municipal Corporation which is declared as Severely Polluted Area. The plantation should be done mainly along the plant periphery, in downward wind direction, and along road sides etc. and also in the colony areas. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. The project proponent should follow the plantation plan submitted and uploaded in the PARIVESH portal by them. In addition to greenbelt</p>		Complied

Sl.	Compliance conditions	Compliance status
VIII	area within project site, 13,018 sq.m. of greenbelt area to be developed in the colony area, as proposed.	
i.	Emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Complied
ii.	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire-fighting system shall be as per the norms.	Complied
iii.	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Complied
iv.	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	NA
v.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Complied
vi.	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.	Complied
vii.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Complied
IX	Environment Management Plan (EMP)	
i.	The project proponent should submit the proposed EMP on a six-monthly basis. The Office Memorandum issued by the MoEF & CC vide F. No. 22-6512017-IA.III dated 30.09.2020 read with O.M. issued by MoEF&CC vide F No. 22-2312018.IA.III(Pt.) dated 31.10.2019 should be strictly complied with, as the project is located within the municipal boundaries of Durgapur Municipal Corporation which is declared as Severely Polluted Area.	Complied
ii.	Need based activities for local people is part of the EMP. Details of such activities are submitted by the project proponent is given in Annexure – 3.	Complied (Year wise expenses of need based activities is being done)
iii.	The company shall have a well laid down environmental policy duly approve by the Board of	Complied

Sl.	Compliance conditions	:	Compliance status
	Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental /forest/ wildlife norms/conditions and /or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the Ministry of Environment, Forests & Climate Change/State Environment Impact Assessment Authority/State Pollution Control Board as a part of six-monthly report.		
iv.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of Senior Executive, who will directly to the head of the organization.		Complied
v.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry of Environment, Forests & Climate Change / State Environment Impact Assessment Authority/ State Pollution Control Board along with the Six-Monthly Compliance Report.		Complied
vi.	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.		Complied
X	Additional conditions		
a.	The project proponent should comply with the conditions mentioned in O.M. issued by MoEF&CC vide F No. 22-23/2018.IA.III (Pt.) dated 31.10.2019 as the project is located within the municipal boundaries of Durgapur Municipal Corporation which is declared as Severely Polluted Area.		Complied.
b.	The project proponent shall install display board for display of all the environmental parameters including sensor-based air, water and noise quality monitoring stations as proposed within their premises.		Complied
XI	Miscellaneous		
i.	The environmental clearance accorded shall be valid for a period of 10 years for the proposed project.		Unit is aware
ii.	The project proponent shall make public the environmental clearance granted for-their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State,		Complied

Sl.	Compliance conditions	:	Compliance status
	of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.		
iii.	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.		Complied
iv.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.		Complied
v.	The project proponent shall monitor the criteria pollutants level namely; PM ₁₀ , S0 ₂ , Nox (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.		Complied
vi.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment, Forest and Climate Change at environment clearance portal with a copy to SEIAA/WBPCB.		Complied
vii.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under; the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.		Complied
viii.	The project proponent shall inform the Regional Office of the MoEF&CC along with SEIAA and WBPCB, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.		Complied
ix.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.		Complied
x.	The project proponent shall abide by all the commitments and recommendations made in the EIA / EMP report, commitment made during Public Hearing and also that during their presentation to the State Expert Appraisal Committee (SEAC).		Complied
xi.	No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA/ MoEF&CC.		Being Followed
xii.	Concealing factual data or submission of false / fabricated data may result in revocation of this		Unit is aware

Sl.	Compliance conditions	:	Compliance status
xiii.	environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986. The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.		Unit is aware
xiv.	The SEIAA reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.		Unit is aware
xv.	The Regional Office of MoEF&CC/SEIAA/WBPCB shall monitor compliance of the stipulated conditions. The project authorities should extend full co-operation to the officer(s) of the Regional Office of MoEF&CC/SEIAA/WBPCB by furnishing the requisite data / information / monitoring reports,		Unit follows it strictly
xvi.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts/NGT and any other Court of Law relating to the subject matter.		Unit is aware
xvii.	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.		Unit is aware

Chiranjib Dawn 08/01/25
(C. Dawn, AEE)