



SATVIK ENTERPRISES LIMITED

COMPLIANCE STATUS ON ENVIRONMENTAL CLEARANCE

Expansion of the Existing Ferro Alloy Plant from 1800 TPA to 3600 TPA (max) for Production of Ferro Molybdenum (FeMo) (or) Medium/ Low Carbon Ferro Chrome (FeCr) (or) Ferro Titanium (FTi) (or) Medium/ Low Carbon Ferro Manganese (FeMn) (or) Ferro Vanadium (FeV)(or) Ferro Tungsten (FeW) (or) Ferro Niobium (FeNb) (or) Ferro Nickel (FeNi) (or) Ferro Cobalt (FeCo) or in combination of any through Alumino Exothermite process at A – 17, Panagarh Industrial Park, P.O – Panagarh Bazar,

Dist. – Paschim Bardhaman, West Bengal-713148

Vide letter No.: F-No. IA-J-11011/198/2023-IA-II(IND-I)) dt. 08th March, 2025

A. SPECIFIC CONDITIONS:

SL NO.	COMPLIANCE CONDITIONS	COMPLIANCE STATUS
i.	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	Complied
ii.	The project proponent shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.	All conditions will be complied against the EC. File no. IA-J-11011/198/2023-IA-II(IND-I)) dt. 08th March, 2025. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project it will be implemented and complied.
iii.	The project proponent shall utilize modern technologies for capturing of carbon emitted	The project proponent will be utilizing modern technologies for capturing of carbon emitted and shall also develop





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	and shall also develop carbon sink/carbon sequestration resources capable of capturing more than emitted. The implementation report shall be submitted to the IRO, MoEFandCC in this regard.	carbon sink/carbon sequestration resources capable of capturing more than emitted. The implementation shall be submitted to the IRO, MoEFandCC in this regard.
iv.	Sonai is at a distance of 0.66 km from the project site along with other sensitive areas such as schools, habitations etc. exists within the study area of the project site. Proponent shall take appropriate environmental safeguard measures to minimise the impact on the habitation of the locals. The project proponent needs to strengthen green belt all around the plant area to reduce the dust pollution. The PP shall also include some of these locations in its environmental monitoring programme.	All environmental safeguard measures are in place in the existing plant. The same will take care of the future requirement with some minor modifications in the existing facilities. The company shall take appropriate environmental safeguard measures to minimise the impact on the habitation of the locals. The company has planted trees all around the factory premises. 33% green belt has already being developed in the factory premises M/s Satvik Enterprises Ltd. has already developed 33% green belt in the area of 0.27 Ha/0.66 acres) within the total plant area of 0.81 Ha (2 acres) and. The green belt has been further strengthened along the project boundary. Till date, around 680 no of trees(@2,500 trees per Heactare) have been planted within the project area. The safeguard measures are attached as ANNEXURE-1 .
v.	There are water bodies within the study area of the project site. A robust and full proof Drainage Conservation scheme to protect the natural drainage and its flow	The company has developed a robust drainage system referred to the storm water layout to ensure proper drainage of water and ensuring zero discharge from our factory thus conserving our nearer water bodies. Further mitigation process will under taken with due





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	parameters; along with Soil conservation scheme and multiple Erosion control measures shall be implemented.	course of project implementation.
vi.	Total water demand for the project after expansion will be 20 KLD (Existing: 10 KLD + Expansion: 10 KLD). The raw water will be withdrawn from Sink well (ground water). PP shall obtain necessary permissions from the Competent Authority	Water permission as attached, SWID Permit no. P3316086005130000001TSE dated 23.08.2021 is issued. PHED is creating necessary infrastructures to supply surface water in future. Agreement attached as ANNEXURE-2 .
vii.	PP shall undertake stringent measures to minimise the PM10 and PM2.5 to minimise the levels.	There is Dust Extraction/Dust Suppression Systems/Foggy Dust Arresters to control fugitive emissions at Furnace Tapping Points, raw material handling section and various other facilities inside the plant. With the implementation of all the above control measures, the gaseous emissions shall be contained within the acceptable limits, thus ensuring the full compliance to National Ambient Air Quality Emission Standards, issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009.
viii.	Three tier Green Belt shall be maintained in atleast 33% of the project area, of adequate width and tree density shall not be less than 2500 per ha. Survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are	33% greenbelt area has already being developed. Three tier Green Belt is already implemented and maintained in at least 33% of the project area with native species all along the periphery of the project site of adequate width and tree density shall not be less than 2500 per ha. Survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged



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	<p>replaced with new plants in the subsequent years. PP shall also develop greenbelt in the form of shelter belt comprising of total of 6 rows of 2x2 m plantation with tall trees & broad leaves with thick canopy along with windshield inside the plant premises to act as green barrier for air pollution & noise levels towards sensitive areas nearby project site. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&CC. The project proponent shall develop container plantations and promote the growth of creepers along boundary walls, structures, and open spaces within the project premises to enhance green cover and mitigate dust pollution.</p>	<p>plants are replaced with new plants in the subsequent years. PP shall also develop greenbelt in the form of shelter belt comprising of total of 6 rows of 2x2 m plantation with tall trees and broad leaves with thick canopy along with windshield inside the plant premises to act as green barrier for air pollution and noise levels towards Ikhra village. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEFandCC. Photos of Green Belt attached as ANNEXURE -3.</p>
ix.	<p>The PP shall undertake plantation, in compliance to MoEFCC OM dated 24.07.2024, in the earmarked 33% or 40% greenbelt area, as the case may be, as a part of tree plantation campaign 'Ek Ped Maa Ke Naam' Campaign and the details of the same shall be uploaded on MeriLiFE portal at (https://merilife.nic.in)</p>	<p>The company has planted trees all around the factory premises. 33% green belt has already being developed in the factory premises M/s Satvik Enterprises Ltd. has already developed 33% green belt in the area of 0.27 Ha/0.66 acres) within the total plant area of 0.81 Ha (2 acres) and. The green belt has been further strengthened along the project boundary. Till date, around 680 no of trees(@2,500 trees per Heactare) have been planted within the project</p>





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		area.
x.	All the commitments made towards socio-economic development of the nearby villages shall be satisfactorily implemented. The action plan based on the social impact assessment study of the project as per the EMP in accordance to the Ministry's OM dated 30.09.2020 amounting to Rs. 5.0 Crores shall be strictly implemented and progress shall be submitted to the Regional Office of MoEFandCC.	All the commitments made towards socio-economic development of the nearby villages will be satisfactorily implemented definitely. The action plan based on the social impact assessment study of the project as per the EMP in accordance to the Ministry's OM dated 30.09.2020 amounting to Rs. 0.28 Crores shall be strictly implemented and progress shall be submitted to the Regional Office of MoEFandCC. Please refer socio economic survey enclosed as ANNEXURE 4.
xi.	The project proponent shall undertake village adoption programme and prepare and implement the action plan to develop them into a model village in consultation with the State Administration	The company plans to develop one nearby village namely Kanksa under village adoption programme by addressing the socio-economic needs of the villagers of Kanksa. Undertaking is enclosed as ANNEXURE 5.
xii.	The PP shall ensure compliance of OM dated 14-01-2025 regarding streamlining the implementation of GSR 702 and GSR 703 dated 12-11-2024 through which projects requiring prior EC were exempted from requirement of CTE.	Complied.






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B. GENERAL CONDITIONS:

SL NO.	COMPLIANCE CONDITIONS	COMPLIANCE STATUS
1. Statutory compliance:		
i.	The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.	The company will make sure to adhere to the condition in the Environment Clearance (EC) granted to the project. It will be complied.
ii.	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	Complied.
2. Air quality monitoring and preservation		
i.	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and	<p>The PP will install CEMS & CAAQMS in all the existing facilities as per the guidelines issued by the MOEF&CC and WBPCB for parameters mentioned in the EC under the EPA under 1996. This point will be complied when the project work commences.</p> <p>Also note every six monthly testing is done through 3rd party agency and calibration of</p>





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	CAAQMS shall be connected to SPCB and CPCB online servers 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.	<p>all equipment is done on an annual basis.</p> <p>The six monthly testing reports for air monitoring are attached as Annexure -6.</p> <p>The six monthly testing reports for Stack monitoring are attached as Annexure -6A.</p>
ii.	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	It is being complied with already the latest report attached as ANNEXURE – 7 .
iii.	Sampling facility at process stacks shall be provided as per CPCB guidelines for manual monitoring of emissions.	It is being complied, sampling facility for existing unit and we will provide sampling facilities at process stacks for our upcoming project.
iv.	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.	APC system already installed in existing unit and will be complied for new unit.
v.	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	Proper maintenance and check-up has been done for existing bag filters. The project proponent will be providing leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
vi.	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant	Sufficient number of mobile or stationery vacuum cleaners are provided to clean plant roads, shop floors, roofs, regularly.

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	roads, shop floors, roofs, regularly.	
vii.	Ensure covered transportation and conveying of raw material to prevent spillage and dust generation. The project proponent uses leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.	We always use covered vehicle for conveying of raw material. We will make sure to continue maintaining the same. Photos attached as ANNEXURE-8 .
viii.	Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/agglomeration.	Iron ore fines, coke fines and Lime fines are not used in the plant. Not applicable
ix.	The project proponent shall provide primary and secondary fume extraction system at all heat treatment furnaces.	The project proponent has provided primary and secondary fume extraction system at all heat treatment furnaces and stays committed to fulfilling the same in upcoming expansion.
x.	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.	We keep all our raw material within covered shed or covered with tarpaulin and will continue to do the same.
xi.	Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.	It is being complied. Photos attaches as ANNEXURE-9 .
xii.	Pollution control system in the plant shall be provided as per the CREP Guidelines of CPCB.	It will be compiled for upcoming plant.
xiii.	The project proponent shall adopt the Clean Air practices like mechanical collectors, wet	The project proponent will adopt the Clean Air practices for the plant like Multi cyclone with Bag Filter, Pulveriser with

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	scrubbers, fabric filters (bag houses), electrostatic precipitators, combustion systems (thermal oxidizers), condensers, absorbers, adsorbers, and biological degradation. Controlling emissions related to transportation shall include emission controls on vehicles as well as use of cleaner fuels. Sufficient numbers of additional truck mounted Fog/Mist water cannons shall be procured and operated regularly inside the project premises and also in the surrounding villages to arrest suspended dust in the atmosphere.	inbuilt bag filter, dust suppression system & Stacks of adequate height at relevant points have already been installed and will adequately be modified for the proposed project. Skilled workers stay within complex and semi-skilled/Unskilled workers stay in the nearby villages and they either use Bicycle or come by walking. Very few use motor-cycle. People at supervisory level stays in the guest house and two of our heads stay in nearby town ship. So in totality, PP are hardly having any carbon footprint on transportation and use environment friendly means showing our commitment for switching to cleaner source of fuel and we will continue to install pollution device as when required.
xiv.	Bag filters shall be cleaned regularly and efficiency of bag filter system shall be monitored at regular intervals.	Bag filters will be cleaned regularly and efficiency of bag filter system is being monitored at regular intervals and it will be maintained for upcoming expansions as well.
xv.	Water Sprinklers/Water mist system shall be installed near raw material yards, operational units and other strategic locations to control fugitive emissions from the plant.	Water Sprinklers/Water mist system has been installed near raw material yards, operational units and other strategic locations to control fugitive emissions from the plant.
xvi.	The particulate matter emissions from the process stacks shall be less than 30 mg/Nm ³ and measures shall be undertaken as per the submitted action plan. Efficient Air monitoring equipment shall be installed	The particulate matter emissions from the process stacks is less than 30 mg/Nm ³ and measures shall be undertaken as per the submitted action plan. Efficient Air monitoring equipment shall be installed. And it will be maintained.
xvii.	Following additional	It will be complied.





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	<p>arrangements to control fugitive dust shall be provided:</p> <p>a. Fog / Mist Sprinklers at all on bulk raw material storage area (at the transfer points) like Iron Ore, Coal and for Fly Ash and similar solid waste storage areas.</p> <p>b. Proper covered vehicle shall be used while transport of materials.</p> <p>c. Wheel washing mechanism shall be provided in entry and exit gates with complete recirculation system.</p>	<p>a) Fog and mist sprinkler will be installed.</p> <p>b) We use covered vehicle for transport of materials.</p> <p>c) Wheel washing mechanism will be carried out.</p>
3. Air Quality Monitoring And Preservation In Case Of Ferro Alloy Plants		
i.	<p>Briquetting and Jigging plant shall be installed in Ferro Alloys Plant</p>	<p>It is not a typical Ferro alloy plant, rather to produce Low/ Medium Carbon Ferro Alloy will be through Gold Smith Alumino-Exothermite process in which oxides of metal is reduced with proper reducers. M/s Satvik Enterprises Limited has obtained environmental clearance for expansion of its existing plant for production of noble ferro-alloys from 1800 to 3600 TPA (max) for production of existing Ferro-Molybdenum (FeMo) or proposed MC/LC Ferro Chrome (FeCr) (or) Ferro Titanium (FeTi) (or) MC/LC Ferro Manganese (Fe-Mn) (or) Ferro Vanadium (FeV) (or) Ferro Tungsten (FeW) (or) Ferro Niobium (Fe-Nb) (or) Ferro Nickel (FeNi) (or) Ferro Cobalt (FeCo) or in combination of any, within maximum production capacity of 3,600 TPA. The manufacturing process of Ferro Molybdenum (through Alumino Thermit Process) neither require any ore nor any primary materials On the other hand, the waste from the process is basically slag of high alumina content and is being used in alumina bricks</p>





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		<p>manufacturing.</p> <p>All the raw materials, which are being used in making Ferro Molybdenum through Alumino Thermit Process, are either secondary or waste product.</p> <p>So, Briquetting and Jigging plant will not be required.</p>
ii.	The PP shall minimize the evaporation losses in jigging operation to less than 10% using suitable advanced process.	There will be no jigging operation
iii.	The 4th hole extraction system shall be provided in the Sub Merged Arc Furnaces and EAF	There is no Sub Merged Arc Furnaces and EAF.
iv.	Industry is going to use silica quartz in large quantities and going to produce Silico Manganese and Ferro Silicon alloy steel. Therefore, it is necessary to control silica/quartz exposures at production Departments, not only emission norms as per Indian Factories Act. The permissible limit for silica/quartz should be within 10 mg/m ³ for total dust as per Indian FactTherefore, it is recommended to monitor personal and area exposures for silica quartz dust in the process plants. (in case of Silico Manganese and Ferro Silicon alloy steel)	Not required as PP will not use silica quartz.





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4. Water quality monitoring and preservation

i.	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate this system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	There is no usage of water in the manufacturing process. Water is deterrent for alumino-thermic process. Since, it has a tendency to create blast like situation when it mixes with lime powder. The water will only be used for slag cooling purpose (if required), for domestic purpose and for horticulture. So, installation of 24x7 continuous effluent monitoring system will not be required.
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 project proponent already monitors 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. Report attached as ANNEXURE- 10.
iii.	Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.	Garland drains and collection pits are provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off. Layout plan attached as ANNEXURE - 11.
iv.	Water meters shall be provided at the inlet to all unit processes in the plants.	The Company has already installed a water meter for their in-house consumption in the plants. Photos attached as ANNEXURE-12.
v.	The project proponent shall make efforts to minimise water	There is no requirement of waste water treatment facility for the plant as no waste

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	consumption in the plant complex by segregation of used water, practicing cascade use and by recycling treated water.	water will be generated from the process. Domestic waste water generated will be treated through soak pit via septic tank.
vi.	The proposed project shall be designed as "Zero Liquid Discharge" Plant. ETP shall be installed and there shall be no discharge of effluent from the plant. Domestic effluent shall be treated in Sewage Treatment Plant. Suitable measures shall be adopted for sewage water handling to ensure no contamination of any kind of water body.	There is no requirement of waste water treatment facility for the plant as no waste water will be generated from the process.
vii.	All stockyards shall have impervious flooring and shall be equipped with water spray system for dust suppression. Stock yards shall also have garland drains and catch pits to trap the run off material and shall be implemented as per the action plan submitted in EIA/EMP report.	our stockyards have impervious flooring. Our finished good processing is done manually which ensured negligible fines/dust generation. But, keeping our stockyard environment almost dust free more so because our stockyard area is well ventilated having open doors for cross ventilation. Photos of Pulverizer attached as ANNEXURE-13 .
viii.	Rain water harvesting shall be implemented to recharge/harvest water as per the action plan submitted in the EIA/EMP report.	Rain water harvesting already implemented to recharge/harvest water as per the action plan submitted in the EIA/EMP report. Report is attached as ANNEXURE-14 .
5. Noise monitoring and prevention		
i.	Noise pollution shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and amendments	Noise pollution already complied as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and amendments thereof, and report in this regard shall be submitted to Regional





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	thereof, and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Officer of the Ministry as a part of six-monthly compliance report. Report attached as ANNEXURE – 15 .
ii.	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 will be conformed to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
6. Energy Conservation measures		
i.	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.	Will be complied
ii.	Provide LED lights in their offices and residential areas.	Street Lighting (Solar) provision at suitable public places in and around the nearby villages will be provided.
7. Waste management		
i.	Oil Collection pits shall be provided in oil cellars to collect and reuse/recycle spilled oil.	Oil Collection pits will be provided and rest used oil will be send to authorized recycler.
ii.	Kitchen waste shall be composted or converted to biogas for further use.	Kitchen waste will be composted or converted to biogas for further use
iii.	100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.	Not applicable

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iv.	<p>The Plastic Waste Management Rules 2016, inter-alia, mandated banning of identified Single Use Plastic (SUP) items with effect from 01/07/2022. In this regard, CPCB has issued a direction to all the State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs) on 30/06/2022 to ensure the compliance of Notification published by Ministry on 12/08/2021. The technical guidelines issued by the CPCB in this regard is available at https://cpcb.nic.in/technical-guidelines-3/. All the project proponents are hereby requested to sensitize and create awareness among people working within the Project area as well as its surrounding area on the ban of SUP in order to ensure the compliance of Notification published by this Ministry on 12/08/2021. A report, along with photographs, on the measures taken shall also be included in the six-monthly compliance report being submitted by the project proponents.</p>	<p>1MT HDPE bags/packing material that we receive by way of getting our input raw material, gets utilised when we despatch Moly slag and thus we encourage recycling instead of destroying or selling the same to minimise plastic waste generation. Plastic drums are also resold. Other forms of plastic waste for domestic purpose are hugely discouraged and consciously we try to recycle most of these plastic bags and wherever possible, avoid using them like using earthen Khullar instead of plastic glass for Tea distribution, keeping water dispenser instead of plastic mineral water bottles.</p> <p>Plastic Waste Management plan has been done and enclosed as an ANNEXURE-16.</p>
v.	<p>A proper action plan must be implemented to dispose of the electronic waste generated in the industry.</p>	<p>It is being complied. Disposal details attached as ANNEXURE-17.</p>
8. Green Belt		
i.	<p>The project proponent shall</p>	<p>The project proponent will be prepare</p>





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	prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration by trees.	GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration by trees. Attached as ANNEXURE-18 .
ii.	Project proponent shall submit a study report on Decarbonisation program, which would essentially consist of company's carbon emissions, carbon budgeting/balancing, carbon sequestration activities and carbon capture, use and storage and offsetting strategies. Further, the report shall also contain time bound action plan to reduce its carbon intensity of its operations and supply chains, energy transition pathway from fossil fuels to Renewable energy etc. All these activities/ assessments should be measurable and monitor able with defined time frames	Already attached as ANNEXURE-18 .
iii.	Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.	Already complied. Photos of greening already attached as ANNEXURE-3 .
9. Public hearing and Human health issues		
i.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan	Please find enclosed ANNEXURE 19 .





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	shall be implemented.	
ii.	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.	The project proponent will be 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. The report is enclosed as ANNEXURE-20 .
iii.	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	Provision will 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.
iv.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.	It has been complied. Please refer ANNEXURE-21 .

10. Environment Management

i.	<p>The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 30/09/2020. As part of Corporate Environment Responsibility (CER) activity, company shall adopt nearby villages</p> <p>based on the socio-economic survey and undertake community developmental activities in consultation with the village Panchayat and the</p>	The project proponent always maintain their Corporate Environment Responsibility (CER).
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	District Administration as committed.	
ii.	<p>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 MoEFandCC as a part of six-monthly report</p>	<p>It has been complied. Please refer ANNEXURE-22.</p>
iii.	<p>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.</p>	<p>A separate Environmental Cell both at the project and company head quarter level will be complied.</p>
iv.	<p>Performance test shall be conducted on all pollution control systems every year and report shall be submitted</p>	<p>Performance test will be conducted on all pollution control systems every year and report shall be submitted to Integrated Regional Office of the MoEF&CC. The</p>





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	to Integrated Regional Office of the MoEFandCC.	report has been enclosed as ANNEXURE-23 .
11. Miscellaneous		
i.	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.	It has been complied with as required.
ii.	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.	It has been complied with as required.
iii.	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.	It has been complied with as required.
iv.	The project proponent shall monitor the criteria pollutants	The project proponent will monitor the criteria pollutants level namely; PM10,

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	level namely; PM10, SO2, 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.	SO2, 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 six monthly testing reports for air monitoring are attached as Annexure -6 . The six monthly testing reports for Stack monitoring are attached as Annexure -6A .
v.	Action plan for developing connecting and internal road in terms of MSA as per IRC guidelines shall be implemented.	We have already developed all our major internal roads in the existing facilities and all the roads are casted. We will make sure to develop the same as and when required in the upcoming expansion as well.
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.	The project proponent will 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.
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 will 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 puts it up on the website of the company
viii.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final	The project proponent will be inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities,





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	approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	commencing the land development work and start of production operation by the project.
ix.	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 Expert Appraisal Committee.	It will be complied.
x.	The recommendations of the approved Site-Specific Wildlife Management Plan (in case of involvement of Schedule-I species) shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report to the concerned Regional Office of the MoEFandCC.	NA as it is notified industrial estate.
xi.	The PP shall put all the environment related expenditure, expenditure related to Action Plan on the PH issues, and other commitments made in the EIA/EMP Report etc. In the company web site for the information to public/public domain. The PP shall also put the information on the left-over funds allocated to EMP and PH as committed in the earlier ECs and shall be carried out and spent in next three years,	Please find enclosed ANNEXURE 24 .





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	in the company web site for the information to public/public domain.	
xii.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEFandCC).	Already compiled.
xiii.	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.	Already complied with.
xiv.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted and complied with.
xv.	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner will be implement these conditions.
xvi.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	It will be complied.
xvii.	The Regional Office of this	The project authorities would be extend





SATVIK ENTERPRISES LIMITED

	Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports
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ANNEXURE - 6
Ambient Air Quality Monitoring Report
(October, 2024 to March, 2025)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Accrediated by NABL, as per ISO/IEC 17025 :2017
- Laboratory Recognized by WBPCB
- Accredited EIA Consultant by QCI-NABET



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CIN NO : U74210WB1989PTC047403

ANNEXURE-6

AMBIENT AIR QUALITY MONITORING RESULTS (Period: October, 2024 to December, 2024)

Name of Industry	M/s. Satvik Enterprises Limited
Address	A-17, Panagarh Industrial Park, Gate No -2, P.O. & P.S.- Kansa, District- Paschim Bardhaman, Pin-713420, West Bengal

TABLE: - I Onsite Ambient Air Quality Monitoring Results Location Ijjatganj Village (Period: October' 2024 To December,2024)				
DATE	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
03.10.2024	59	24	8	15
07.10.2024	63	28	7	21
07.11.2024	73	34	9	16
11.11.2024	67	29	12	20
05.12.2024	61	25	8	17
09.12.2024	80	37	14	26

TABLE: - 2 Onsite Ambient Air Quality Monitoring Results Location Kota Gram Village (Period: October' 2024 To December,2024)				
DATE	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
03.10.2024	52	20	6	16
07.10.2024	64	28	7	13
07.11.2024	57	22	10	17
11.11.2024	68	31	9	12
05.12.2024	72	34	8	22
09.12.2024	65	29	7	16

For ENVIROTECH EAST (P) LTD.

(Authorized Signatory)

Envirotech East Pvt. Limited

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CIN NO : U74210WB1989PTC047403

TABLE: - 3				
Onsite Ambient Air Quality Monitoring Results				
Location		Sonai Village		
(Period: October' 2024 To December,2024)				
DATE	PM ₁₀	PM _{2.5}	SO ₂	NO ₂
	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)
04.10.2024	55	21	8	18
08.10.2024	63	28	5	14
08.11.2024	68	31	9	25
12.11.2024	62	29	8	17
06.12.2024	75	35	5	18
10.12.2024	69	29	9	21

TABLE: - 4				
Onsite Ambient Air Quality Monitoring Results				
Location		Anandapur Village		
(Period: October' 2024 To December,2024)				
DATE	PM ₁₀	PM _{2.5}	SO ₂	NO ₂
	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)
04.10.2024	50	19	4	10
08.10.2024	57	26	5	15
08.11.2024	60	23	7	14
12.11.2024	65	28	8	17
06.12.2024	58	23	6	15
10.12.2024	70	32	8	21

For ENVIROTECH EAST (P) LTD.

(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

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CIN NO : U74210WB1989PTC047403

Name of Industry	M/s. Satvik Enterprises Limited
Address	A-17, Panagarh Industrial Park, Gate No -2, P.O. & P.S.- Kansa, District- Paschim Bardhaman, Pin-713420, West Bengal

		Statistical Analysis of Pollutants Preioid: October,2024 To December,2024			
Pollutants	Locations	MES	Min	Max	A.M.
PM ₁₀ (µg/m3)	Ijjatganj Village	6	59	80	67.2
	Kota Gram Village	6	52	72	63.0
	Sonai Village	6	55	75	65.3
	Anandapur Village	6	50	70	60.0
	Overall	24	50	80	63.9
PM _{2.5} (µg/m3)	Ijjatganj Village	6	24	37	29.5
	Kota Gram Village	6	20	34	27.4
	Sonai Village	6	21	35	29.0
	Anandapur Village	6	19	32	25.1
	Overall	24	19	37	27.7
SO ₂ (µg/m3)	Ijjatganj Village	6	7	14	9.7
	Kota Gram Village	6	6	10	7.8
	Sonai Village	6	5	9	7.3
	Anandapur Village	6	4	8	6.3
	Overall	24	4	14	7.8
NO ₂ (µg/m3)	Ijjatganj Village	6	15	26	19.2
	Kota Gram Village	6	12	22	16.0
	Sonai Village	6	14	25	18.8
	Anandapur Village	6	10	21	15.3
	Overall	24	10	26	17.3

For ENVIROTECH EAST (P) LTD.


(Authorized Signatory)

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CIN NO : U74210WB1989PTC047403

ANNEXURE-3

AMBIENT AIR QUALITY MONITORING RESULTS (Period: January, 2025 to March, 2025)

Name of Industry	M/s. Satvik Enterprises Limited
Address	A-17, Panagarh Industrial Park, Gate No -2, P.O. & P.S.- Kansa, District- Paschim Bardhaman, Pin-713420, West Bengal

TABLE: - I Onsite Ambient Air Quality Monitoring Results Location Ijjatganj Village (Period: January, 2025 To March,2025)				
DATE	PM ₁₀ (µg/ m ³)	PM _{2.5} (µg/ m ³)	SO ₂ (µg/ m ³)	NO ₂ (µg/ m ³)
06.01.2025	70	32	13	28
09.01.2025	86	40	9	35
06.02.2025	72	31	13	27
10.02.2025	87	42	10	33
06.03.2025	83	39	17	38
10.03.2025	89	44	11	28

TABLE: - 2 Onsite Ambient Air Quality Monitoring Results Location Kota Gram Village (Period: January, 2025 To March,2025)				
DATE	PM ₁₀ (µg/ m ³)	PM _{2.5} (µg/ m ³)	SO ₂ (µg/ m ³)	NO ₂ (µg/ m ³)
06.01.2025	60	26	8	26
09.01.2025	72	32	12	30
06.02.2025	57	23	9	26
10.02.2025	74	35	12	31
06.03.2025	80	38	12	17
10.03.2025	64	28	14	21

For ENVIROTECH EAST (P) LTD.

(Authorized Signatory)

Envirotech East Pvt. Limited

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CIN NO : U74210WB1989PTC047403

TABLE: - 3				
Onsite Ambient Air Quality Monitoring Results				
Location		Sonai Village		
(Period: January, 2025 To March,2025)				
DATE	PM ₁₀	PM _{2.5}	SO ₂	NO ₂
	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)
07.01.2025	67	29	7	26
10.01.2025	62	28	9	21
07.02.2025	80	33	10	25
11.02.2025	76	30	9	35
07.03.2025	66	28	8	22
11.03.2025	83	40	14	19

TABLE: - 4				
Onsite Ambient Air Quality Monitoring Results				
Location		Anandapur Village		
(Period: January, 2025 To March,2025)				
DATE	PM ₁₀	PM _{2.5}	SO ₂	NO ₂
	(µg/ m ³)	(µg/ m ³)	(µg/ m ³)	(µg/ m ³)
07.01.2025	67	29	6	26
10.01.2025	56	22	9	33
07.02.2025	69	32	8	27
11.02.2025	77	37	10	16
07.03.2025	67	31	8	26
11.03.2025	70	33	12	21

For ENVIROTECH EAST (P) LTD.

(Authorized Signatory)

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CIN NO : U74210WB1989PTC047403

Name of Industry	M/s. Satvik Enterprises Limited
Address	A-17, Panagarh Industrial Park, Gate No -2, P.O. & P.S.- Kansa, District- Paschim Bardhaman, Pin-713420, West Bengal

		Statistical Analysis of Pollutants Period: January,2025 To March,2025			
Pollutants	Locations	MES	Min	Max	A.M.
PM ₁₀ (µg/m3)	Ijjatganj Village	6	59	80	67.2
	Kota Gram Village	6	52	72	63.0
	Sonai Village	6	55	75	65.3
	Anandapur Village	6	50	70	60.0
	Overall	24	50	80	-
PM _{2.5} (µg/m3)	Ijjatganj Village	6	24	37	29.5
	Kota Gram Village	6	20	34	27.4
	Sonai Village	6	21	35	29.0
	Anandapur Village	6	19	32	25.1
	Overall	24	19	37	-
SO ₂ (µg/m3)	Ijjatganj Village	6	7	14	9.7
	Kota Gram Village	6	6	10	7.8
	Sonai Village	6	5	9	7.3
	Anandapur Village	6	4	8	6.3
	Overall	24	4	14	-
NO ₂ (µg/m3)	Ijjatganj Village	6	15	26	19.2
	Kota Gram Village	6	12	22	16.0
	Sonai Village	6	14	25	18.8
	Anandapur Village	6	10	21	15.3
	Overall	24	10	26	-

For ENVIROTECH EAST (P) LTD.


(Authorized Signatory)

ANNEXURE-6A

Stack Emission Monitoring Report (October - 2024 to March - 2025)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Accredited by NABL, as per ISO/IEC 17025 :2017
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CIN NO : U74210WB1989PTC047403

ANNEXURE-I

ANALYSIS REPORT OF FLUE GAS

Name of Industry	M/s. Satvik Enterprises Limited
Address	A-17, Panagarh Industrial Park, Gate No -2, P.O. & P.S.- Kansa, District- Paschim Bardhaman, Pin-713420, West Bengal
Date of Sampling	10.10.2024
Time of Sampling	11.00

A.	General Information about stack		
1	Stack connected to	1 No. Reactive Vessel	
2	Emission due to	Reaction Process	
3	Material of Construction of Stack	M.S.	
4	Shape of Stack	Circular	
5	Whether Stack is provided with Permanent Platform & Ladders	Permanent	
6	Capacity	5 Ton/hr	
B.	Physical Characteristics of Stack		
1	Height of the stack		
	(a) from Ground Level (m)	30.0	
	(b) from Roof Level (m)	-	
2	Diameter of the stack		
	(a) at bottom (m)	-	
	(b) at top (m)	0.8	
3	Diameter of the stack at sampling point (m)	0.8	
4	Height of the sampling point from GL (m)	9.6	
C.	Analysis/Characteristics of Stack		
1	Fuel used	-	
2	Fuel consumption	-	
D	Field Study of Stack(s)	Reference Method	Concentration
1	Temperature of emission (°C)	IS 11255 (Part 1)	66
2	Barometric Pressure (mmHg)	-	755
3	Velocity of gas in duct (M/sec)	IS 11255 (Part 3)	11.02
4	Quantity of gas flow (Nm ³ /hr)	IS 11255 (Part 3)	17175
5	Concentration of CO (% V/V)	IS 13270	<0.2
6	Concentration of CO ₂ (% V/V)	IS 13270	1.8
E	Laboratory Test Result(s)		
7	Concentration of SO ₂ (mg/Nm ³)	IS 11255 (Part 2)	-
8	Concentration of NO _x (mg/Nm ³)	US EPA, Method 7	-
9	Concentration of PM (mg/Nm ³)	IS 11255 (Part 1)	24
10	Concentration of PM (mg/Nm ³) at 12% CO ₂		-
E	Pollution Control Device		
	Details of pollution control device attached with the stack	Bag Filter	
F	Note:-* Both Induction Furnace connected with a Common Chimney		

Note : -
- Contents of this report are meant for your guidance and should not be used for Advertisement, Evidence or Litigation
- The Physical information about stack details (viz. height, diameter etc.) were provided by respective Industry/Party

For ENVIROTECH EAST (P) LTD.

(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Accredited by NABL, as per ISO/IEC 17025 :2017
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CIN NO : U74210WB1989PTC047403

ANNEXURE-I

ANALYSIS REPORT OF FLUE GAS

Name of Industry	M/s. Satvik Enterprises Limited
Address	A-17, Panagarh Industrial Park, Gate No -2, P.O. & P.S.- Kansa, District- Paschim Bardhaman, Pin-713420, West Bengal
Date of Sampling	10.02.2025
Time of Sampling	12.00

A.	General Information about stack		
1	Stack connected to	1 No. Reactive Vessel	
2	Emission due to	Reaction Process	
3	Material of Construction of Stack	M.S.	
4	Shape of Stack	Circular	
5	Whether Stack is provided with Permanent Platform & Ladders	Permanent	
6	Capacity	5 Ton/hr	
B.	Physical Characteristics of Stack		
1	Height of the stack		
	(a) from Ground Level (m)	30.0	
	(b) from Roof Level (m)	-	
2	Diameter of the stack		
	(a) at bottom (m)	-	
	(b) at top (m)	0.8	
3	Diameter of the stack at sampling point (m)	0.8	
4	Height of the sampling point from GL (m)	9.6	
C.	Analysis/Characteristics of Stack		
1	Fuel used	-	
2	Fuel consumption	-	
D	Field Study of Stack(s)	Reference Method	Concentration
1	Temperature of emission (°C)	IS 11255 (Part 1)	88
2	Barometric Pressure (mmHg)	-	758
3	Velocity of gas in duct (M/sec)	IS 11255 (Part 3)	12.3
4	Quantity of gas flow (Nm³/hr)	IS 11255 (Part 3)	17809
5	Concentration of CO (% V/V)	IS 13270	<0.2
6	Concentration of CO ₂ (% V/V)	IS 13270	2.2
E	Laboratory Test Result(s)		
7	Concentration of SO ₂ (mg/Nm³)	IS 11255 (Part 2)	-
8	Concentration of NO _x (mg/Nm³)	US EPA, Method 7	-
9	Concentration of PM (mg/Nm³)	IS 11255 (Part 1)	21
10	Concentration of PM (mg/Nm³) at 12% CO ₂		-
E	Pollution Control Device		
	Details of pollution control device attached with the stack	Bag Filter	
F	Note:-* Both Induction Furnace connected with a Common Chimney		

Note : - Contents of this report are meant for your guidance and should not be used for Advertisement, Evidence or Litigation
- The Physical information about stack details (viz. height, diameter etc.) were provided by respective Industry/Party

For ENVIROTECH EAST (P) LTD.


(Authorized Signatory)

ANNEXURE-7
Fugitive Emission Monitoring Report
(October - 2024 to March - 2025)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

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CIN NO : U74210WB1989PTC047403

ANNEXURE-7

FUGITIVE EMISSION MONITORING RESULTS
(Period: October, 2024 to December, 2024)

Name of Industry	M/s. Satvik Enterprises Limited
Address	A-17, Panagarh Industrial Park, Gate No -2, P.O. & P.S.- Kansa, District- Paschim Bardhaman, Pin-713420, West Bengal

TABLE: - I Fugitive Emission Monitoring Results Location Near Production Area (Period: October, 2024 To December, 2024)				
DATE	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
05.10.2024	103	43	11	20
09.10.2024	98	37	9	25
06.11.2024	109	45	12	20
09.11.2024	105	43	9	26
04.12.2024	118	54	13	36
07.12.2024	102	41	10	32

TABLE: - 2 Fugitive Emission Monitoring Results Location Near Raw Materials Handleing Area (Period: October, 2024 To December, 2024)				
DATE	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
05.10.2024	92	33	6	25
09.10.2024	104	48	9	23
06.11.2024	97	40	7	16
09.11.2024	103	45	10	18
04.12.2024	132	62	8	23
07.12.2024	124	53	7	28

For ENVIROTECH EAST (P) LTD.

(Authorized Signatory)

Envirotech East Pvt. Limited

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CIN NO : U74210WB1989PTC047403

TABLE: - 3				
Fugutive Emission Monitoring Results				
Location		Near Pulverizing Area		
(Period: October, 2024 To December, 2024)				
DATE	PM ₁₀	PM _{2.5}	SO ₂	NO ₂
	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)
05.10.2024	101	39	8	30
09.10.2024	113	46	10	25
06.11.2024	124	56	13	21
09.11.2024	114	49	9	18
04.12.2024	143	67	14	28
07.12.2024	131	58	12	23

Name of Industry	M/s. Satvik Enterprises Limited
Address	A-17, Panagarh Industrial Park, Gate No -2, P.O. & P.S.- Kansa, District- Paschim Bardhaman, Pin-713420, West Bengal

TABLE: - 4		Statistical Analysis of Pollutants			
		Period: October,2024 To December,2024			
Pollutants	Locations	MES	Min	Max	A.M.
PM ₁₀ (µg/m3)	Near Raw material Yards	3	165	302	229.3
	Near North side of boundari wall	3	146	218	186.3
	Near East side of boundari wall	3	108	202	157.3
	Overall	9	108	302	191.0
PM _{2.5} (µg/m3)	Near Raw material Yards	3	79	142	107.6
	Near North side of boundari wall	3	66	102	87.3
	Near East side of boundari wall	3	52	93	72.6
	Overall	9	52	142	89.1
SO ₂ (µg/m3)	Near Raw material Yards	3	17	25	19.7
	Near North side of boundari wall	3	15	23	18.0
	Near East side of boundari wall	3	13	19	15.7
	Overall	9	13	25	17.8
NO ₂ (µg/m3)	Near Raw material Yards	3	29	40	34.7
	Near North side of boundari wall	3	24	36	30.0
	Near East side of boundari wall	3	28	34	30.3
	Overall	9	24	40	31.7

For ENVIROTECH EAST (P) LTD.

(Authorized Signatory)

Envirotech East Pvt. Limited

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CIN NO : U74210WB1989PTC047403

ANNEXURE-4

FUGITIVE EMISSION MONITORING RESULTS
(Period: January, 2025 to March, 2025)

Name of Industry	M/s. Satvik Enterprises Limited
Address	A-17, Panagarh Industrial Park, Gate No -2, P.O. & P.S.- Kansa, District- Paschim Bardhaman, Pin-713420, West Bengal

TABLE: - I Fugitive Emission Monitoring Results Location Near Production Area (Period: January, 2025 To March, 2025)				
DATE	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
08.01.2025	120	56	20	29
11.01.2025	134	62	16	34
08.02.2025	162	73	16	32
12.02.2025	187	90	19	34
08.03.2025	153	72	17	32
12.03.2025	178	82	21	31

TABLE: - 2 Fugitive Emission Monitoring Results Location Near Raw Materials Handling Area (Period: January, 2025 To March, 2025)				
DATE	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
08.01.2025	115	51	15	30
11.01.2025	125	58	16	27
08.02.2025	144	71	14	25
12.02.2025	175	84	9	29
08.03.2025	144	66	14	27
12.03.2025	168	79	9	33

For ENVIROTECH EAST (P) LTD.

(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

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CIN NO : U74210WB1989PTC047403

TABLE: - 3				
Fugitive Emission Monitoring Results				
Location		Near Pulverizing Area		
(Period: January, 2025 To March, 2025)				
DATE	PM ₁₀	PM _{2.5}	SO ₂	NO ₂
	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)
08.01.2025	195	94	17	32
11.01.2025	175	72	18	33
08.02.2025	187	88	13	36
12.02.2025	220	106	16	30
08.03.2025	171	79	12	28
12.03.2025	163	75	14	32

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CIN NO : U74210WB1989PTC047403

Name of Industry	M/s. Satvik Enterprises Limited
Address	A-17, Panagarh Industrial Park, Gate No -2, P.O. & P.S.- Kansa, District- Paschim Bardhaman, Pin-713420, West Bengal

TABLE: - 4		Statistical Analysis of Pollutants Period: October,2024 To December,2024			
Pollutants	Locations	MES	Min	Max	A.M.
PM ₁₀ (µg/m3)	Near Raw material Yards	6	120	187	155.7
	Near North side of boundari wall	6	115	175	145.2
	Near East side of boundari wall	6	163	220	185.2
	Overall	18	115	220	162.0
PM _{2.5} (µg/m3)	Near Raw material Yards	6	56	90	72.4
	Near North side of boundari wall	6	51	84	68.0
	Near East side of boundari wall	6	72	106	85.4
	Overall	18	51	106	75.3
SO ₂ (µg/m3)	Near Raw material Yards	6	16	21	18.2
	Near North side of boundari wall	6	9	16	12.8
	Near East side of boundari wall	6	12	18	15.0
	Overall	18	9	21	15.3
NO ₂ (µg/m3)	Near Raw material Yards	6	29	34	32.0
	Near North side of boundari wall	6	25	33	28.5
	Near East side of boundari wall	6	28	36	31.8
	Overall	18	25	36	30.8

For ENVIROTECH EAST (P) LTD.



(Authorized Signatory)

ANNEXURE-10

Ground Water Analysis Report (October - 2024 to March - 2025)

Envirotech East Pvt. Limited

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CIN NO : U74210WB1989PTC047403


ANNEXURE 10

Name of Industry	M/s. Satvik Enterprises Limited
Address :	A-17, Panagarh Industrial Park, Gate No -2, P.O. & P.S.- Kansa, District- Paschim Bardhaman, Pin-713420, West Bengal
Date of Sampling	10.10.2024
Location	(A) Borewell water (from Inside the Plant) (B) Borewell water (from Ijjatganj Village)

GROUND WATER ANALYSIS REPORT

Code	Sampling Location	Sampling date			
GW1	Borewell water (from Inside the Plant)	October, 2024			
GW2	Borewell water (from Ijjatganj Village)				
ANALYSIS RESULTS					Acceptable Limit as per IS:10500
Sl.No.	Parameter	Unit	Sample Code		
			GW1	GW2	
1	Colour		Colourless	Colourless	5
2	Odour		Unobj.	Unobj.	Agreeable
3	Taste		Agreeable	Agreeable	Agreeable
4	Turbidity	NTU	<1	<1	1
5	pH		6.8	7.1	6.5-8.5
6	Conductivity	µmhos/cm	476	510	-
7	Total Hardness (as CaCO ₃)	mg/L	182	198	200
8	Iron (as Fe)	mg/L	0.46	0.38	1
9	Chloride (as Cl)	mg/L	27	30	250
10	Residual Free Chlorine	mg/L	nil	nil	0.2
11	Fluride (as F)	mg/L	0.34	0.38	1
12	Total Dissolved Solids	mg/L	272	296	500
13	Calcium (as Ca)	mg/L	63	66	75
14	Magnessium (as Mg)	mg/L	6	8	30
15	Copper (as Cu)	mg/L	<0.05	<0.05	0.05
16	Manganese (as Mn)	mg/L	<0.05	<0.05	0.1
17	Sulphate (as SO ₄)	mg/L	40	35	200
18	Nitrate (as NO ₃)	mg/L	3.2	3.7	45
19	Phenol Compounds (as C ₆ H ₅ OH)	mg/L	<0.001	<0.001	0.001
20	Mercury (as Hg)	mg/L	<0.001	<0.001	0.001
21	Cadmium (as Cd)	mg/L	<0.01	<0.01	0.003
22	Arsenic (as As)	mg/L	<0.002	<0.002	0.01
23	Cyanide (as CN)	mg/L	<0.05	<0.05	0.05
24	Lead (as Pb)	mg/L	<0.05	<0.05	0.01
25	Zinc (as Zn)	mg/L	<0.05	<0.05	5
26	Hexavalent Chromium (as Cr ⁺⁶)	mg/L	<0.05	<0.05	5
27	Alkalinity (as CaCO ₃)	mg/L	180	209	200
28	Boron (as B)	mg/L	<0.02	<0.02	
29	Total Coliforms	MPN/100	absent	absent	Shall not be detectable in any 100 ml sample

For ENVIROTECH EAST (P) LTD.



(Authorized Signatory)

Envirotech East Pvt. Limited

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CIN NO : U74210WB1989PTC047403

ANNEXURE-10

Name of Industry	M/s. Satvik Enterprises Limited
Address :	A-17, Panagarh Industrial Park, Gate No -2, P.O. & P.S.- Kansa, District- Paschim Bardhaman, Pin-713420, West Bengal
Date of Sampling	13.02.2025
Location	(A) Borewell water (from Inside the Plant) (B) Borewell water (from Ijjatganj Village)

GROUND WATER ANALYSIS REPORT

Code	Sampling Location	Sampling date			
GW1	Borewell water (from Inside the Plant)	February, 2025			
GW2	Borewell water (from Ijjatganj Village)				
ANALYSIS RESULTS					Acceptable Limit as per IS:10500
Sl.No.	Parameter	Unit	Sample Code		
			GW1	GW2	
1	Colour		Colourless	Colourless	5
2	Odour		Unobj.	Unobj.	Agreeable
3	Taste		Agreeable	Agreeable	Agreeable
4	Turbidity	NTU	<1	<1	1
5	pH		7.0	6.8	6.5-8.5
6	Conductivity	µmhos	444	523	-
7	Total Hardness (as CaCO ₃)	mg/L	175	192	200
8	Iron (as Fe)	mg/L	0.43	0.48	1
9	Chloride (as Cl)	mg/L	31	43	250
10	Residual Free Chlorine	mg/L	nil	nil	0.2
11	Fluride (as F)	mg/L	0.27	0.35	1
12	Total Dissolved Solids	mg/L	254	298	500
13	Calcium (as Ca)	mg/L	57	62	75
14	Magnessium (as Mg)	mg/L	8	9	30
15	Copper (as Cu)	mg/L	<0.05	<0.05	0.05
16	Manganese (as Mn)	mg/L	<0.05	<0.05	0.1
17	Sulphate (as SO ₄)	mg/L	30	38	200
18	Nitrate (as NO ₃)	mg/L	2.7	3.2	45
19	Phenol Compounds (as C ₆ H ₅ OH)	mg/L	<0.001	<0.001	0.001
20	Mercury (as Hg)	mg/L	<0.001	<0.001	0.001
21	Cadmium (as Cd)	mg/L	<0.01	<0.01	0.003
22	Arsenic (as As)	mg/L	<0.002	<0.002	0.01
23	Cyanide (as CN)	mg/L	<0.05	<0.05	0.05
24	Lead (as Pb)	mg/L	<0.05	<0.05	0.01
25	Zinc (as Zn)	mg/L	<0.05	<0.05	5
26	Hexavalent Chromium (as Cr ⁺⁶)	mg/L	<0.05	<0.05	5
27	Alkalinity (as CaCO ₃)	mg/L	181	195	200
28	Boron (as B)	mg/L	<0.02	<0.02	
29	Total Coliforms	MPN/100	absent	absent	Shall not be detectable in any 100 ml sample

For ENVIROTECH EAST (P) LTD.



(Authorized Signatory)

ANNEXURE 15

Noise Level Monitoring Report (October 2024 - Marh 2025)

Envirotech East Pvt. Limited

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CIN NO : U74210WB1989PTC047403

ANNEXURE 15

AMBIENT NOISE MONITORING RESULTS

Name of Industry	M/s. Satvik Enterprises Limited
Address	A-17, Panagarh Industrial Park, Gate No -2, P.O. & P.S.- Kansa, District- Paschim Bardhaman, Pin-713420, West Bengal

Equivalent Noise Level in the Study Area, in dB(A)

Date: 10.10.2024

SL.NO.	Location	DAY TIME	NIGHT TIME
		Leq- dB (A)	Leq- dB (A)
1	Near Main Gate	63.8	56.6
2	Near West Side of Boundary wall	65.8	54.5
3	Near Pit bay Unit east side	68.9	57.5
4	Near Alcograin Distillers Pvt. Ltd	64.7	55.7
5	Near Haattola Primary School	53.8	43.7
6	Sonai Village	60.6	45.4

For ENVIROTECH EAST (P) LTD.

(Authorized Signatory)

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CIN NO : U74210WB1989PTC047403

ANNEXURE-15

AMBIENT NOISE MONITORING RESULTS

Name of Industry	M/s. Satvik Enterprises Limited
Address	A-17, Panagarh Industrial Park, Gate No -2, P.O. & P.S.- Kansa, District- Paschim Bardhaman, Pin-713420, West Bengal

Equivalent Noise Level in the Study Area, in dB(A)

Date: 13.02.2025

SL.NO.	Location	DAY TIME	NIGHT TIME
		Leq- dB (A)	Leq- dB (A)
1	Near Main Gate	66.7	57.0
2	Near West Side of Boundary wall	64.1	55.2
3	Near Pit bay Unit east side	70.4	56.8
4	Near Alcograin Distillers Pvt. Ltd	68.2	59.1
5	Near Haattola Primary School	54.2	42.0
6	Sonai Village	62.4	44.8

For ENVIROTECH EAST (P) LTD.

(Authorized Signatory)

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CIN NO : U74210WB1989PTC047403

ANNEXURE 23

PERFORMANCE REPORT OF AIR POLLUTION CONTROL DEVICE

Name of the client	M/s. Satvik Enterprises Limited
Address	A-17, Panagarh Industrial Park, Gate No -2, P.O. & P.S.- Kansa, District- Paschim Bardhaman, Pin-713420, West Bengal
Study Period	February, 2025

ANALYSIS REPORT

Sl. No.	Stack	Pollution Control Device Attached	Particulate Matter (mg/Nm ³)	Efficiency (%)
1.	Reactive Vessel – Before Bag Filter	-	680	96.91
	Reactive Vessel – After Bag Filter	Bag Filter	21	

Note: Contents of this report are meant for your guidance and should not be used for Advertisement, Evidence or Litigation.

For ENVIROTECH EAST PVT. LTD.



(Authorized Signatory)