Ref: -SPS-II /SMC/MOEFCC/OCT-2025 TO MAR-2026 Date- 10.06.2026

To,
The Dy. Director General of Forest (DDGF)
GOI, MoEF&CC, Sub Office, Kolkata
IB-198, Salt Lake City, Sector-III, Kolkata - 700106

SUB: Six Monthly Compliance report (Oct-2025 to March-2026) to Environmental Clearance conditions issued vide MoEF&CC EC File No. IA-J-11011/150/2022-II(IND-I) dated-26.02.2024 by M/s SPS Steels Rolling Mills Limited, Vill-Poradiha, PO-Pachhandapur, Dist.-Purulia (WB)-722153.

Respected Sir/Ma'am,
With reference to above subject, we are submitting herewith the six-monthly compliance report (Oct-2025 to March-2026) for existing project of M/s SPS Steels Rolling Mills Limited, Vill-Poradiha, PO-Pachhandapur, Dist.-Purulia (WB) as per the directives of Ministry of Environment Forest and Climate Change, Government of India. Point wise compliance status report along with latest environmental monitoring data is enclosed for your kind perusal.

We would like to apprise your good office that expansion project activities against the EC granted from MoEFCC vide File No. IA-J-11011/150/2022-II (IND-I) dated-26.02.2024 has not been started yet.

Kindly acknowledge our submission.

Thanking you & with regards,

Yours faithfully,

For **SPS Steels Rolling Mills Limited, Unit-II**

(Authorized Signatory)

SPS Steels Rolling Mills Ltd. Poradiha Purulia

Encl: as above

Copy to,
The Environmental Engineer, West Bengal Pollution Control Board, Asansol Regional Office, Kalyanpur Satellite Township Project, Dr. B.C. Roy Road, PO- Dakshin Dhadka, Asansol-713302 Dist.- Paschim Bardhaman (WB)

SPS STEELS ROLLING MILLS LIMITED

SIX MONTHLY COMPLIANCE RPORT

COMPLIANCE STATUS OF ENVIRONMENTAL CLEARANCE

MoEF & CC EC File No: IA-J-11011/150/2022-II (IND-I) Date Date-26/02/2024

COMPLIANCE PERIOD:

OCTOBER-2025 TO MARCH-2026

PROJECT LOCATION:

Village- Poradiha, Chandurdi & Shunurhi, PO–Pachhandapur, PS–Santuri,
Tehsil-Raghunathpur, Dist.-Purulia, West Bengal-722153

SPS Steels Rolling Mills Ltd.
Poradih
Purulia

Name of the Project	:	**SPS STEELS ROLLING MILLS LIMITED** Vill-Poradiha, PO-Pachhandapur, PS-Santuri, Dist.- Purulia (WB)-722153.
Environmental Clearance Reference	:	File No. IA-J-11011/150/2022-II (IND-I) dated 26th February, 2024
Period of Compliance Report	:	October-2025 to March-2026

Sl.No.	CONDITIONS	COMPLIANCE STATUS
A.	**SPECIFIC CONDITIONS: -**	
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.	Noted.
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.	It is being/shall be complied. Expansion of existing project not started yet. SPS steels is committed to comply with EMP measures outlined in documents submitted to the ministry. Company has taken environment protection measures in term of installing air pollution control devices like ESPs, bag filters, dust extraction system, fixed water sprinkling system and these are efficiently operated. Risk assessment and disaster management measures has been adopted and being implemented under supervision of safety department. Greenbelt development around plant boundary has been done that works as carbon sequestration tool. Mobile water tanker has been deployed for dust suppression inside plant premises as well as surrounding roads during non-rainy seasons. Photographs of water sprinkling are attached in **Annexure-1**.
iii.	The project proponent shall utilize modern technologies for capturing of carbon emitted and shall also develop carbon sink/carbon sequestration resources capable of capturing more than emitted. The implementation report shall be submitted to the IRO, MoEF&CC in this regard.	Noted. It shall be complied. SPS shall ensure to adapt best available technologies available in the market. Efforts are being/shall be made to reduce carbon emission with best possible adoption in very initial stage of project with necessary discussions with technology providers. Dense afforestation had been done and shall be maintained in future which works as an important carbon sequestration resource.
iv.	The PP shall complete the process of land acquisition and conversion for industrial use.	Noted. It shall be complied.
v.	There is dense habitation along with other sensitive areas 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. PP 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.	Noted. It shall be complied with expansion of the project. As a part of environment management plan, dense afforestation has been made to prevent soil erosion and dust pollution remediation in project area and nearby villages. Surrounding villages are considered for environmental monitoring to asses ground level conditions. Latest ambient air monitoring reports are attached in **Annexure-2**.
vi.	There is a seasonal nala inside the plant premises and a stream is flowing adjacent to the plant. Damodar River	Noted.

	is at a distance of 1 km with other water bodies near the project site within the study area. A robust and full proof Drainage Conservation scheme to protect the natural drainage and its flow parameters; along with Soil conservation scheme and multiple Erosion control measures shall be implemented.	Natural drainage program has been adopted by taking into account nearby water bodies. Industrial activities have been operated considering the stream flowing adjacent to the plant, Damodar River and other water bodies. Dense plantation has been developed with indigenous species to protect soil and natural habitats.
vii.	Total water requirement after proposed expansion of 15560 KLD shall be sourced from Damodar River. PP shall obtain necessary permission from the Competent Authority in this regard.	Note and shall be complied with expansion project.
viii.	Three tier Green Belt shall be developed in at least 33% of the project area in a period of two years to the extent possible all along 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 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 & 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 such as schools and villages nearby project site as committed. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&CC.	Noted. It has been/shall be complied. For existing project area, SPS has achieved the desired target of 33% greenbelt development by plantation of total Approx. 12800 plants including old plantations with tree density of approx. 2500 plants per hectare. post plantation care and maintenance being carried out survival and growth of the plants. Some photographs of Greenbelt/Green cover development attached as **Annexurte-3** The construction for the proposed project units has still not started yet and will proceed as per the approved plan for the new project.
ix.	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. 50 Crores shall be strictly implemented and progress shall be submitted to the Regional Office of MoEF&CC.	Noted. It will be complied with implementation of expansion project. Though, socioeconomic developmental activities are taking place in nearby villages as per requirement.
x.	PP shall undertake village adoption programme and prepare and implement the action plan to develop them into a model village.	SPS Steels has started welfare activities in villages proposed to be adopted. It has dedicated team to carry forward developmental activities. Implementation of expansion project has not started yet. However, it shall be followed as per direction.
xi.	PP shall carry out the periodical monitoring of soil quality in nearby villages as a part of post project compliance monitoring work.	Noted and shall be complied with expansion of the project.
B. General Conditions		
I.	**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.	Noted. It shall be followed.
II.	**Air quality monitoring and preservation**	

i.	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as 06 Nos. Continuous Ambient Air Quality Station (CAAQMS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and 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.	Noted. 24x7 continuous emission monitoring system (CEMS) has been installed in every major process stack in existing plant. Emission data is being transmitted to CPCB new server. Continuous Ambient Air Quality Station (CAAQMS) shall be installed with expansion project at suitable place. NABL accredited laboratory has been engaged for monitoring of Ambient air quality and stack emission on periodic basis. Reports of stack monitoring & AAQ monitoring are enclosed in **Annexure- 2 & 4.**
ii.	The project proponent shall carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.	Complied. Ambient air quality monitoring is being done on regular interval. Latest reports are pinned in **Annexure- 2.**
iii.	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. Fugitive emission reports are enclosed in **Annexure- 5.**
iv.	Sampling facility at process stacks shall be provided as per CPCB guidelines for manual monitoring of emissions.	It has been complied in existing project. All the stacks are equipped with sampling facility like port holes, stair case, monkey ladder and platform. Shall be complied with expansion project too.
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 like ESPs and bag filters has been provided in all dust generating points. Water sprinklers have been installed at transfer points and other dust prone areas to control the fugitive dust emission. This shall be also followed in expansion project too. Stack emission and Fugitive air is being monitored by authorized vendors. Reports are pinned in **Annexure- 4 & 5.**
vi.	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	It is being complied. Dedicated team handles the bag filter operation with close data monitoring is being done. Accordingly, preventive maintenance is done. It shall be adhered in expansion project also.
vii.	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.	Internal road, shop floors and roofs are being cleaned on daily basis. Mobile or stationary vacuum cleaner will be furnished with implementation of expansion project.
viii.	Ensure covered transportation and conveying of raw material to prevent spillage and dust generation. The project proponent use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.	It is being complied with. SPS steels ensures all the vehicles used in transportation of raw materials are covered with tarpaulins to prevent material spillage and dust generation.

ix.	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.	Optimal usage of raw materials through recycling and reusing practice is adapted for raw material like iron ore fines and coal fines. Iron ore fines collected from stock yards and pollution control devices are sent to pellet making plant and coal fines are utilized for power generation unit. Briquetting and sinter plant shall be installed in expansion project.
x.	The project proponent shall provide primary and secondary fume extraction system at all heat treatment furnaces.	It shall be installed in expansion project as per direction.
xi.	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.	Tall indigenous species of plants are planted along boundary to make a barrier as wind shelter fence for dust generated in plant. Water spraying is done regularly on stock piles of raw materials.
xii.	Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.	Complied and shall be also followed in expansion project.
xiii.	Pollution control system in the plant shall be provided as per the CREP Guidelines of CPCB.	It is being/shall be adhered.
xiv.	The project proponent shall adopt the Clean Air practices like mechanical collectors, wet 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.	Several clean air practices have been adopted by SPS steels. Likewise, air pollution control devices i.e. bag filters, ESPs and dust extraction system has installed and efficiently operated. Water sprinkling in dust prone points and roads being done to reduce fugitive and ground dust concentration. Adequate greenbelt has been developed and maintained properly. Electronic vehicles have been used for transportation to prioritise alternative fuels. 501 kWp solar panel is also installed for using solar energy.
xv.	Bag filters shall be cleaned regularly and efficiency of bag filter system shall be monitored at regular intervals.	It is being complied. Dedicated team handles the bag filter operation and efficiency monitoring is being done.
xvi.	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.	It is compiled in existing plant and will be complied in expansion project.
xvii.	The particulate matter emissions from the process stacks shall be less than 30 mg/Nm3 and measures shall be undertaken as per the submitted action plan. Efficient Air monitoring equipment shall be installed.	Noted and shall be complied. Existing projects follows emission standard stipulated in consents to operate (CTO) obtained from West Bengal Pollution Control Board. Particulate matter emissions from the process stacks of expansion projects shall be less than 30 mg/Nm^3.
xviii.	Following additional arrangements to control fugitive dust shall be provided: 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. b. Proper covered vehicle shall be used while transport of materials. c. Wheel washing mechanism shall be provided in entry and exit gates with complete recirculation system.	a. Adequate number of fixed type water sprinkler has been installed in dust prone areas like raw materials yards, fly ash storage area etc. b. SPS steels ensures all the vehicles used in transportation of raw materials are covered with tarpaulins to prevent material spillage and dust generation.

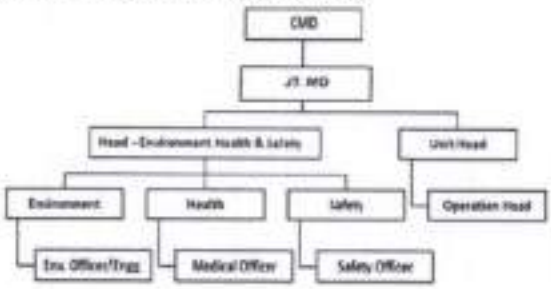
		c. Concreting and paving of major internal road in existing plant has been completed and further in the process of making in leftover area to reduce fugitive dust generation. Wheel washing facility will be provided at entrance/exit of plant with upcoming project. Photographs of RCC and paved road is enclosed in **Annexure-6**.
xix.	Briquetting and Jigging plant shall be installed in Ferro Alloys Plant.	It shall be complied.
xx.	The PP shall minimize the evaporation losses in jigging operation to less than 10% using suitable advanced process.	It shall be complied.
xxi.	The 4th hole extraction system shall be provided in the Sub Merged Arc Furnaces and EAF.	It has been installed in existing project and will be adhered in upcoming project.
xxii.	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/m3 for total dust as per Indian Factories Act. Therefore, it is recommended to monitor personal and area exposures for silica quartz dust in the process plants.	Noted. It shall be complied. Work zone monitoring report through NABL accredited laboratory being periodically carried out and attached as **Annexure-5** The construction for the proposed project has not been started yet.
xxiii.	During operational phase at Captive Power Plant, Action Plan to monitor coke/coal dust exposures in different process plants using personal and area air samplers and to compare with permissible limits as per Indian Factories Act, 1948 shall be implemented.	Fugitive dust emission is being monitored at captive power plant. Report in pinned in **Annexure- 5**.
xxiv.	The coal dust should be monitored at coal unloading, crushing, furnace areas and should be within 2 mg/m3, respirable dust fraction containing less than 5% quartz as per Indian Factories Act, 1948.	It is being/shall be complied. Fugitive emission monitoring being done on regular basis in existing plant operation. To evaluate the status in existing plant operation and it shall also be implemented during upcoming proposed expansion too.
xxv.	Online stack monitoring system for IF and RHF shall be installed and monitoring report shall be submitted to the concerned Regional Office of the MoEF&CC along with the six monthly compliance report.	Noted and will be complied in expansion project.
xxvi.	Low NOx Burners will be installed at Reheating Furnace for control of Gaseous emissions generated while using PNG.	Noted and will be complied in expansion project. As such no reheating furnace is installed.
III.	**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 these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	SPS steels has adopted recycle and reuse practice of waste water and no effluent is being released outside. This shall be adhered in expansion project too.
ii.	The project proponent shall monitor regularly ground water quality at least twice a year (pre- and post-	Ground water is being monitored on pre and post monsoon basis. Report is pinned in **Annexure-7**.

	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.	
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.	Concreting of stocking yard has been furnished and garland drain and collection pit will be constructed.
iv.	Water meters shall be provided at the inlet to all unit processes in the plants.	Complied and shall be followed in expansion project too.
v.	The project proponent shall make efforts to minimise water consumption in the plant complex by segregation of used water, practicing cascade use and by recycling treated water.	It is being complied in existing project. SPS steel has adopted recycling and reutilising practice for effluent water across the plant.
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.	It is being complied for the existing plant. It will be adhered to for the upcoming new project. Septic tanks and soak pits facility are available for treating domestic sewage in the current project. STP shall be installed for treatment of domestic sewage and the treated effluent shall be utilized for the development of greenbelts and green covers. **Annexure- 8** contains Effluent Water analysis report.
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.	Noted and complied in existing plant. It shall be followed in upcoming project as per direction.
viii.	Rain water harvesting shall be implemented to recharge/harvest water as per the action plan submitted in the EIA/EMP report.	Noted. It shall be complied
ix.	The project proponent shall provide the ETP for effluents of rolling mills to meet the standards prescribed in G.S.R 277 (E) 31st March 2012 (applicable to IF/EAF) as amended from time to time.	Noted. It shall be complied
x.	Air Cooled condensers shall be used in the captive power plant.	Noted. It shall be complied
IV.	**Noise monitoring and prevention**	
i.	Noise pollution shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and amendments thereof, and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Ambient and fugitive noise pollution is being monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000. Reports are enclosed in **Annexure- 9A & 9B**.
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.	Complied in existing plant and shall be adhere in expansion project also. Latest ambient noise reports are attached in **Annexure- 9A**.
iii.	PP shall identify extreme hot areas through heat stress survey as well as noise monitoring within process plants to ensure that workers not exposed above 90 dBA levels as per Factories Act, 1948.	Heat stress monitoring will be conducted on periodic basis. Workers are provided necessary PPEs like apron, face shield and heat-resistant shoes while working in hot zone.
V.	**Energy Conservation measures**	

i.	Use torpedo ladle for hot metal transfer as far as possible. If ladles not used, provide covers for open top ladles.	Noted and shall be complied in expansion project.
ii.	Restrict Gas flaring to < 1%.	Noted and shall be complied in expansion project.
iii.	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;	Complied. Company has installed 501 kWp solar panel to utilise solar energy. Also, street and avenue lighting shall be done with project expansion.
iv.	Provide LED lights in their offices and residential areas.	Complied and shall be also followed in expansion project.
v.	The project proponent shall provide waste heat recovery system (pre-heating of combustion air) at the flue gases of reheating furnaces.	It shall be complied. At present no reheating furnace installed.
vi.	Practice hot charging of slabs and billets/blooms as far as possible.	It shall be complied with best possible efforts after SMS and rolling mills project.
vii.	Ensure installation of regenerative type burners on all reheating furnaces.	Noted. Installation of regenerative type burners for reheating furnaces shall be ensured.
viii.	The project proponent shall provide waste heat recovery system on the DRI Kilns.	WHRBs are installed in existing project with DRI Kilns and will be adhered in upcoming project.
ix.	The dolochar generated shall be used for power generation.	It has been complied in existing project and will be adhered in upcoming project. Dolochar is used for power generation.
x.	Tar shall be recovered from producer gas and shall be sold to registered processors and phenolic water shall be incinerated in After Burn Chamber (ABC) of DRI kilns.	Noted and shall be complied with producer gas plant installation.
xi.	The PP shall implement the guidelines on sponge iron plants issued by the CPCB/SPCB in this regard.	It is being compiled for existing plant. As per direction, it will also be followed for upcoming projects.
VI.	**Waste management**	
i.	Oil Collection pits shall be provided in oil cellars to collect and reuse/recycle spilled oil.	Noted. It is being complied in existing plant and shall be followed in upcoming project also.
ii.	Kitchen waste shall be composted or converted to biogas for further use.	Kitchen wastes are used to make bio compost and utilised in horticulture related work.
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.	Being complied. Company utilised fly ash by handing over to brick making plant. SPS Steels has come into agreement with ECL regarding landfilling at Bicched Bandh area near Narsamuda colliery of Sodepur area. Both copied are attached in **Annexure- 10A & 10B.**
iv.	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	It is compiled for existing plant. Use of single use plastic is completely prohibited inside the plant premises. Our EHS personnel are regularly creating awareness among people working within the factory premises to avoid the Single Use Plastic (SUP) items. As per direction, it also be followed for coming new expansion project.

	taken shall also be included in the six-monthly compliance report being submitted by the project proponents.	
v.	A proper action plan must be implemented to dispose of the electronic waste generated in the industry.	Electronic was is being generated in small quantity are kept in designated place and handed over to authorized vendors.
vi.	Solid waste utilization a. PP shall install a slag crusher to convert steel slag into aggregate for use in construction industry, fine sand for use as flux in steel plant, sand in brick making and as lime in cement making. b. PP shall recycle/reuse solid waste generated in the plant as far as possible. c. Used refractories shall be recycled as far as possible.	Complied. a. Ferro manganese slag is being used in silico manganese production and silico manganese slag utilised in road making and land filling works. b. Dolochar generated from rotary kilns used in CPP for power generation. c. Used refractories are used in construction and rests handed over to its recyclers.
vii.	SMS slag after metal recovery in waste recycling facility shall be conditioned and used for road making, railway track ballast and other applications. The project proponent shall install a waste recycling facility to recover metallic and flux for recycle to sinter plant. The project proponent shall establish linkage for 100% reuse of rejects from Waste Recycling Plant.	Noted will be complied in project expansion.
viii.	Carbon recovery plant to recover the elemental carbon present in GCP slurries for use in Sinter plant shall be installed.	Noted will be complied in project expansion.
ix.	Waste recycling Plant shall be installed to recover scrap, metallic and flux for recycling to sinter plant and SMS.	Noted will be complied in project expansion.
VII.	**Green Belt**	
i.	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration by trees.	SPS steels has prepared GHG emission inventory report including carbon sequestration by trees for the plant. Report is attached in **Annexure- 11.**
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.	Noted and shall be complied.
iii.	Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.	Noted and it is being complied in existing plant. Some photographs are enclosed in **Annexure-3& 6.**
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.	Complied. Risk Assessment and Disaster Management Plan has been implemented as per different operations under guidance of safety department. Attached in **Annexure- 12.**
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.	Heat stress monitoring will be conducted on periodic basis. Workers are provided with necessary PPEs like apron, face shield and heat-resistant shoes while working in hot zone areas.

SPS Steels Rolling Mills Ltd. Paradip Port

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.	Noted and will be complied in project expansion.
iv.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.	It is being Complied. Occupational health surveillance is being conducted in regular interval and records are properly maintained. Please refer **Annexure- 13.**
IX.	**Environment Management**	
i.	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 based on the socio-economic survey and undertake community developmental activities in consultation with the village Panchayat and the District Administration as committed.	Noted. It shall be complied as per directions. SPS has started the developmental activities in the village proposed to be adapted and it shall be implemented with due priority. Company has dedicated team to look after the welfare and developmental activities in the surrounding of the plant. Some photographs are attached in **Annexure- 14.**
ii.	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 MoEF&CC as a part of six-monthly report.	The company shall have a well laid down environmental policy attached as **Annexure 15.** The environmental policy prescribes 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.
iii.	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.	An environmental cell has been established under the leadership of a senior executive to oversee the company's day-to-day environmental and pollution control actions. The environmental cell's hierarchical system or administrative order is as follows: 
iv.	Performance test shall be conducted on all pollution control systems every year and report shall be submitted to Integrated Regional Office of the MoEF&CC.	It is being/shall be complied. For existing plant regular monitoring of stack emission through NABL accredited third party laboratory being conducted periodically to evaluate the emission level of pollution control systems i.e. ESPs and bag filters. WBPCB also conduct monitoring time to time.

		A technical team has been engaged in performance evolution of control devices. Corrective and preventive actions are taken on abnormal observations if any.
X.	**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.	Complied. Two newspaper advertisements are attached in **Annexure- 16.**
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 is complied. Receiving copies are enclosed in **Annexure- 17.**
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.	Complied. It is compiled and uploaded on company's website (https://www.spsgroup.co.in/) on regular basis as per direction.
iv.	The project proponent shall monitor the criteria pollutants 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.	It is being complied. As per direction, it will also be followed for coming new expansion project. Latest ambient air & stack monitoring reports for existing project are enclosed as **Annexure-2 & Annexure-4.** Photograph of Environmental display board is pinned in **Annexure- 18.**
v.	Action plan for developing connecting and internal road in terms of MSA as per IRC guidelines shall be implemented.	It is being/shall be 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.	Noted. It shall be 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.	The environmental statement for FY 2024-25 of existing plant facilities has already been submitted to WBPCB with copy to MoEF&CC Sub office Kolkata. Copy is pinned in **Annexure- 19.** For FY 2025-26 it shall be adhered in the same order. Report shall be uploaded on the company's website (https://www.spsgroup.co.in/) as per direction.
viii.	The project proponent shall inform the Regional Office as well as the Ministry, 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.	Noted and shall be complied.
ix.	The project proponent shall abide by all the commitments and recommendations made in the	Noted.

	EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	
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 MoEF&CC.	Noted. It shall be complied.
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, in the company web site for the information to public/public domain.	Noted and will be adhered.
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 (MoEF&CC).	Noted. No modification and expansion shall take place without prior approval from Ministry of Environment, Forests and Climate Change (MoEF&CC).
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.	Noted.
xiv.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted.
xv.	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Noted.
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.	Noted. It shall 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.	Noted.

SPS Steels Rolling Mills Ltd.

ANNEXURE- 1

WATER SPRINKLING


WATER TANK


WATER TANK


WATER TANK

ANNEXURE- 2

Eco Care

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Manoj Talkies Basement, Kumarpur
Asansol - 713304
Dist. Paschim Bardhaman (W.B.)

Specialised House on Environmental Monitoring, Analysis, Assessment & Management
ISO 9001:2015 Certified, OHSAS 45001:2018 Certified

ULR NO – TC1513626000000323

TEST REPORT

Report Release Date	: 03.02.2026	Sample Ref. No.(ARF)	: EC/ARF/29/260113
Test Report No	: EC/TR/42/01036	Source of Sample	: Steel Plant
Type of Sample	: Suspended Dust & Gases	Sampling Date	: 28.01.26 to 29.01.26
Sample Collected by	: Mr. Deepak Kr. Singh & Team	Sample Registration Date	: 29.01.2026
Sample Details	: Ambient Air	Period of Analysis	: 29.01.26 to 30.01.26
Customer Name & Address	: **SPS Steels Rolling Mills Ltd** Village - Poradiha P.O – Pachhandapur Dist – Purulia West Bengal Pin No – 722153	Sample Condition	: Sealed & Preserved
		Remarks	: ----
		Sample Drawn By	: ECO CARE
		Sampling Procedure	: EC/QP/02/07
		Testing Location	: At Permanent Lab
		Remarks	: ----
		Deviation if any	: None

1. Sampling Location: Out Side of Boundary Wall Towards Poradiha Village

SL NO	TESTS	PROTOCOL	Limit as per NAAQS	RESULT
1	Particulate Matter PM_{10} µg/m^3	IS 5182:Part 23:2006	100	69.35
2	Particulate Matter $PM_{2.5}$ µg/m^3	EPA CFR40(pt 50), Appendix 1	60	32.31
3	Sulphur Dioxide (SO_2), µg/m^3	IS 5182:Part 2:2001	80	18.02
4	Nitrogen Dioxide (NO_2), µg/m^3	IS 5182:Part 6:2006	80	25.78
5	Ammonia (NH_3), µg/m^3	INDO PHENOL BLUE METHOD	400	< 10
6	Ozone (O_3), µg/m^3	CHEMICAL METHOD	180	< 10

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2. Sample(s) will be destroyed after 7 days from date of issues of the Test Report subject to nature of Preservation. Sample will be preserved as per the standard method.
3. The Test report shall not be reproduced, without the written approval of laboratory.

Authorised Signatory
MADHUSUDAN KARMAKAR
LABORATORY IN-CHARGE
AUTHORISED SIGNATORY

End of Test Report

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TEST REPORT

Report Release Date	: 03.02.2026	Sample Ref. No (ARF)	: EC/ARF/29/260113
Test Report No	: EC/TR/42/01036	Source of Sample	: Steel Plant
Type of Sample	: Suspended Dust & Gases	Sampling Date	: 28.01.26 to 29.01.26
Sample Collected by	: Mr. Sumit Sarkar & Team	Sample Registration	: 29.01.2026
Sample Details	: Ambient Air	Period of Analysis	: 29.01.26 to 30.01.26
Customer Name & Address	: **SPS Steels Rolling Mills Ltd** Village - Poradiha P.O – Pachhandapur Dist – Purulia, West Bengal Pin No – 722153	Sample Condition	: Sealed & Preserved
		Remarks	: ----
		Sample Drawn By	: ECO CARE
		Testing Location	: At Permanent Lab
		Remarks	: ----
		Deviation if any	: None

1. Sampling Location: Out Side of Boundary Wall Towards Poradiha Village

SL NO	TESTS	PROTOCOL	Limit as per NAAQS	RESULT
7	Lead (Pb), $\mu g/m^3$	AAS METHOD AFTER SAMPLING	1.0	< 0.50
8	Arsenic (As), ng/m^3	AAS METHOD AFTER SAMPLING	6	1.48
9	Nickel (Ni), ng/m^3	AAS METHOD AFTER SAMPLING	20	2.63
10	Carbon Monoxide (CO), mg /m3	NDIR SPECTROSCOPY	2	0.36
11	Benzo (Alpha) Pyrene, ng/m^3	ABSORPTION & DESORPTION FOLLOWED BY GC ANALYSIS	1	< 0.2
12	Benzene (C_6H_6), $\mu g/m^3$	ABSORPTION & DESORPTION FOLLOWED BY GC ANALYSIS	5	< 1.0

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ULR NO – TC1513626000000324

TEST REPORT

Report Release Date	: 03.02.2026	Sample Ref. No.(ARF)	: EC/ARF/29/260113
Test Report No	: EC/TR/42/01037	Source of Sample	: Steel Plant
Type of Sample	: Suspended Dust & Gases	Sampling date	: 28.01.26 to 29.01.26
Sample Collected by	: Mr. Deepak Kr. Singh & Team	Sample Registration Date	: 29.01.2026
Sample Details	: Ambient Air	Period of Analysis	: 29.01.26 to 30.01.26
Customer Name & Address	: **SPS Steels Rolling Mills Ltd** Village – Poradiha P.O – Pachhandapur Dist – Purulia West Bengal Pin No – 722153	Sample Condition	: Sealed & Preserved
		Remarks	: ----
		Sample Drawn By	: ECO CARE
		Sampling Procedure	: EC/QP/02/07
		Testing Location	: At Permanent Lab
		Remarks	: ----
		Deviation if any	: None

2. Sampling Location: Eastern of Plant of Boundary outside Coal Shed

SL NO	TESTS	PROTOCOL	Limit as per NAAQS	RESULT
1	Particulate Matter PM_{10} µg/m^3	IS 5182:Part 23:2006	100	69.42
2	Particulate Matter $PM_{2.5}$ µg/m^3	EPA CFR40(pt 50), Appendix 1	60	48.91
3	Sulphur Dioxide (SO_2), µg/m^3	IS 5182:Part 2:2001	80	23.29
4	Nitrogen Dioxide (NO_2), µg/m^3	IS 5182:Part 6:2006	80	30.81
5	Ammonia (NH_3), µg/m^3	INDO PHENOL BLUE METHOD	400	< 10
6	Ozone (O_3), µg/m^3	CHEMICAL METHOD	180	< 10

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TEST REPORT

Report Release Date	: 03.02.2026	Sample Ref. No (ARF)	: EC/ARF/29/260113
Test Report No	: EC/TR/42/01037	Source of Sample	: Steel Plant
Type of Sample	: Suspended Dust & Gases	Sampling Date	: 28.01.26 to 29.01.26
Sample Collected by	: Mr. Deepak Kr. Singh & Team	Sample Registration Date	: 29.01.2026
Sample Details	: Ambient Air	Period of Analysis	: 29.01.26 to 30.01.26
Customer Name & Address	: **SPS Steels Rolling Mills Ltd** Village - Poradiha P.O – Pachhandapur Dist – Purulia, West Bengal Pin No – 722153	Sample Condition	: Sealed & Preserved
		Remarks	: ----
		Sample Drawn By	: ECO CARE
		Testing Location	: At Permanent Lab
		RemarksDeviation if any	: ---- : None

2. Sampling Location: Eastern of Plant of Boundary outside Coal Shed

SL NO	TESTS	PROTOCOL	Limit as per NAAQS	RESULT
7	Lead (Pb), $\mu g/m^3$	AAS METHOD AFTER SAMPLING	1.0	< 0.50
8	Arsenic (As), ng/m^3	AAS METHOD AFTER SAMPLING	6	1.13
9	Nickel (Ni), ng/m^3	AAS METHOD AFTER SAMPLING	20	1.58
10	Carbon Monoxide (CO), mg/m^3	NDIR SPECTROSCOPY	2	0.24
11	Benzo(Alpha) Pyrene, ng/m^3	ABSORPTION & DESORPTION FOLLOWED BY GC ANALYSIS	1	< 0.2
12	Benzene (C_6H_6), $\mu g/m^3$	ABSORPTION & DESORPTION FOLLOWED BY GC ANALYSIS	5	< 1.0

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ULR NO – TC1513626000000325

TEST REPORT

Report Release Date	: 03.02.2026	Sample Ref. No.(ARF)	: EC/ARF/29/260113
Test Report No	: EC/TR/42/01038	Source of Sample	: Steel Plant
Type of Sample	: Suspended Dust & Gases	Sampling Date	: 28.01.26 to 29.01.26
Sample Collected by	: Mr. Deepak Kr. Singh & Team	Sample Registration Date	: 29.01.2026
Sample Details	: Ambient Air	Period of Analysis	: 29.01.26 to 30.01.26
Customer Name & Address	: **SPS Steels Rolling Mills Ltd** Village - Poradiha P.O – Pachhandapur Dist – Purulia West Bengal Pin No – 722153	Sample Condition	: Sealed & Preserved
		Remarks	: ----
		Sample Drawn By	: ECO CARE
		Sampling Procedure	: EC/QP/02/07
		Testing Location	: At Permanent Lab
		Remarks	: ----
		Deviation if any	: None

3. Sampling Location: Western Side of Boundary Wall

SL NO	TESTS	PROTOCOL	Limit as per NAAQS	RESULT
1	Particulate Matter PM_{10} $\mu g/m^3$	IS 5182:Part 23:2006	100	74.53
2	Particulate Matter $PM_{2.5}$ $\mu g/m^3$	EPA CFR40(pt 50), Appendix 1	60	40.98
3	Sulphur Dioxide (SO_2), $\mu g/m^3$	IS 5182:Part 2:2001	80	25.93
4	Nitrogen Dioxide (NO_2), $\mu g/m^3$	IS 5182:Part 6:2006	80	32.49
5	Ammonia (NH_3), $\mu g/m^3$	INDO PHENOL BLUE METHOD	400	< 10
6	Ozone (O_3), $\mu g/m^3$	CHEMICAL METHOD	180	< 10

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TEST REPORT

Report Release Date	: 03.02.2026	Sample Ref. No.(ARF)	: EC/ARF/29/260113
Test Report No	: EC/TR/42/01038	Source of Sample	: Steel Plant
Type of Sample	: Suspended Dust & Gases	Sampling Date	: 28.01.26 to 29.01.26
Sample Collected by	: Mr. Deepak Kr. Singh & Team	Sample Registration Date	: 29.01.2026
Sample Details	: Ambient Air	Period of Analysis	: 29.01.26 to 30.01.26
Customer Name & Address	: **SPS Steels Rolling Mills Ltd** Village - Poradiha P.O – Pachhandapur Dist – Purulia, West Bengal Pin No – 722153	Sample Condition	: Sealed & Preserved
		Remarks	: ----
		Sample Drawn By	: ECO CARE
		Testing Location	: At Permanent Lab
		Remarks	: ----
		Deviation if any	: None

3. Sampling Location: Western Side of Boundary Wall

SL NO	TESTS	PROTOCOL	Limit as per NAAQS	RESULT
7	Lead (Pb), $\mu g/m^3$	AAS METHOD AFTER SAMPLING	1.0	<0.50
8	Arsenic (As), ng/m^3	AAS METHOD AFTER SAMPLING	6	1.13
9	Nickel (Ni), ng/m^3	AAS METHOD AFTER SAMPLING	20	2.30
10	Carbon Monoxide (CO), mg/m^3	NDIR SPECTROSCOPY	2	0.34
11	Benzo(Alpha) Pyrene, ng/m^3	ABSORPTION & DESORPTION FOLLOWED BY GC ANALYSIS	1	<0.2
12	Benzene (C_6H_6), $\mu g/m^3$	ABSORPTION & DESORPTION FOLLOWED BY GC ANALYSIS	5	<1.0

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ULR NO – TC1513626000000326

TEST REPORT

Report Release Date	: 03.02.2026	Sample Ref. No.(ARF)	: EC/ARF/29/260113
Test Report No	: EC/TR/42/01039	Source of Sample	: Steel Plant
Type of Sample	: Suspended Dust & Gases	Sampling Date	: 28.01.26 to 29.01.26
Sample Collected by	: Mr. Deepak Kr. Singh & Team	Sample Registration	: 29.01.2026
Sample Details	: Ambient Air	Period of Analysis	: 29.01.26 to 30.01.26
Customer Name & Address	: **SPS Steels Rolling Mills Ltd** Village - Poradiha P.O – Pachhandapur Dist – Purulia West Bengal Pin No – 722153	Sample Condition	: Sealed & Preserved
		Remarks	: ----
		Sample Drawn By	: ECO CARE
		Sampling Procedure	: EC/QP/02/07
		Testing Location	: At Permanent Lab
		Remarks	: ----
		Deviation if any	: None

4. Sampling Location: North Side of Plant Boundary Near Water Reservoir

SL NO	TESTS	PROTOCOL	Limit as per NAAQS	RESULT
1	Particulate Matter PM_{10} µg/m^3	IS 5182:Part 23:2006	100	77.36
2	Particulate Matter $PM_{2.5}$ µg/m^3	EPA CFR40(pt 50), Appendix 1	60	37.08
3	Sulphur Dioxide (SO_2), µg/m^3	IS 5182:Part 2:2001	80	20.66
4	Nitrogen Dioxide (NO_2), µg/m^3	IS 5182:Part 6:2006	80	26.02
5	Ammonia (NH_3), µg/m^3	INDO PHENOL BLUE METHOD	400	< 10
6	Ozone (O_3), µg/m^3	CHEMICAL METHOD	180	< 10

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TEST REPORT

Report Release Date	: 03.02.2026	Sample Ref. No (ARF)	: EC/ARF/29/260113
Test Report No	: EC/TR/42/01039	Source of Sample	: Steel Plant
Type of Sample	: Suspended Dust & Gases	Sampling Date	: 28.01.26 to 29.01.26
Sample Collected by	: Mr. Deepak Kr. Singh & Team	Sample Registration Date	: 29.01.2026
Sample Details	: Ambient Air	Period of Analysis	: 29.01.26 to 30.01.26
Customer Name & Address	: **SPS Steels Rolling Mills Ltd** Village – Poradiha P.O – Pachhandapur Dist – Purulia, West Bengal Pin No – 722153	Sample Condition	: Sealed& Preserved
		Remarks	: ----
		Sample Drawn By	: ECO CARE
		Testing Location	: At Permanent Lab
		Remarks	: ----
		Deviation if any	: None

4. Sampling Location: North Side of Plant Boundary Near Water Reservoir

SL NO	TESTS	PROTOCOL	Limit as per NAAQS	RESULT
7	Lead (Pb), $\mu g/m^3$	AAS METHOD AFTER SAMPLING	1.0	< 0.50
8	Arsenic (As), ng/m^3	AAS METHOD AFTER SAMPLING	6	1.23
9	Nickel (Ni), ng/m^3	AAS METHOD AFTER SAMPLING	20	2.85
10	Carbon Monoxide (CO), mg/m^3	NDIR SPECTROSCOPY	2	0.21
11	Benzo(Alpha) Pyrene, ng/m^3	ABSORPTION & DESORPTION FOLLOWED BY GC ANALYSIS	1	< 0.2
12	Benzene (C_6H_6), $\mu g/m^3$	ABSORPTION & DESORPTION FOLLOWED BY GC ANALYSIS	5	< 1.0

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ANNEXURE- 3

GREENBELT PHOTOGRAPHS

ANNEXURE- 4

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ULR NO – TC1513626000000314

TEST REPORT

Report Release Date	: 03.02.2026	Sample Ref. No.(ARF)	: EC/ARF/29/260113
Test Report No	: EC/TR/42/01027	Source of Sample	: Steel Plant
Type of Sample	: Dust & Gaseous Emission	Sampling Date	: 28.01.2026
Sample Collected by	: Mr. Deepak Kr. Singh & Team	Sample Registration Date	: 29.01.2026
Sample Details	: Stack Emission	Period of Analysis	: 29.01.2026
Customer Name & Address	: **SPS Steels Rolling Mills Ltd.** Village – Poradiha P.O – Pachhandapur Dist – Purulia West Bengal Pin No – 722153	Sampling Location	: ESP Stack
		Sample Condition	: Sealed & Preserved
		Sample Stamped as	: TH – 72
		Sample Drawn By	: ECO CARE
		Sampling Procedure	: EC/QP/02/07
		Testing Location	: At Permanent Lab
		Remarks	: ----
		Deviation if any	: None

GENERAL INFORMATION PROVIDED BY CUSTOMER

1	Particular of the Plant	: Steel Plant (Captive Power Plant Div.)
2	Emission Due to	: Combustion of Coal
3	Stack Connected to	: AFBC Boiler
4	Material of Construction	: M.S
5	Stack Height from G.L.	: 35.0 m
6	Height of Sampling Port from G.L.	: ----
7	Height of Sampling Port from L.D.Z.	: ----
8	Dimension of Stack at Sampling Port	: 1.0 m
9	Shape of the Stack	: Circular Ø
10	Working Load	: 16 TPH

FUEL CHARACTERISTIC REPORT

1	Source of Energy	: Coal
2	Energy Consumption	: 8.2 MT/hr
3	Calorific Value (K-Cal/Kg)	: ----

RESULTS OF SAMPLING GASEOUS EMISSION ANALYSIS			UNIT	METHOD
1	Flue Gas Temperature	155	^{0}C	IS 11255 : Part 3
2	Barometric Pressure	756	mm Hg	IS 11255 : Part 3
3	Velocity of Flue Gas	14.47	m/sec	IS 11255 : Part 3
4	Flue Gas Quantity	28380	NM^3/ hr	IS 11255 : Part 3
5	Concentration of Particulate Matter	23.67	mg/NM^3	IS 11255 : Part 1
6	Concentration of Particulate Matter (at 6% O_2)	28.07	mg/NM^3	----
7	Concentration of CO_2	11.2	%	IS 13270
8	Concentration of SO_2	76.65	mg/NM^3	IS 11255 : Part 2
9	Concentration of NO_x	82.85	mg/NM^3	IS 11255 : Part 7

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End of Test Report

Eco Care

TC-16126

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ULR NO – TC151362600000315

TEST REPORT

Report Release Date	: 03.02.2026	Sample Ref. No.(ARF)	: EC/ARF/29/260113
Test Report No	: EC/TR/42/01028	Source of Sample	: Steel Plant
Type of Sample	: Dust & Gaseous Emission	Sampling Date	: 28.01.2026
Sample Collected by	: Mr. Deepak Kr. Singh & Team	Sample Registration Date	: 29.01.2026
Sample Details	: Stack Emission	Period of Analysis	: 29.01.2026
Customer Name & Address	: **SPS Steels Rolling Mills Ltd.** Village – Poradiha P.O – Pachhandapur Dist – Purulia West Bengal Pin No – 722153	Sampling Location	: ESP Stack
		Sample Condition	: Sealed & Preserved
		Sample Stamped as	: TH – 73
		Sample Drawn By	: ECO CARE
		Sampling Procedure	: EC/QP/02/07
		Testing Location	: At Permanent Lab
		Remarks	: ----
		Deviation if any	: None

GENERAL INFORMATION PROVIDED BY CUSTOMER

1	Particular of the Plant	: Steel Plant (Sponge Iron Div.)
2	Emission Due to	: Reduction of Iron Ore & Oxidation of Coal
3	Stack Connected to	: Rotary Kiln No 3&4 (100TPD x 2) Both in operation
4	Material of Construction	: M.S
5	Stack Height from G.L.	: 35.0 m
6	Height of Sampling Port from G.L.	: ----
7	Height of Sampling Port from L.D.Z.	: ----
8	Dimension of Stack at Sampling Port	: 2.0 m
9	Shape of the Stack	: Circular Ø
10	Working Load	: Kiln no-3 = 5.3 MT/hr & Kiln no-4 = 5.6 MT/hr

FUEL CHARACTERISTIC REPORT

1	Source of Energy	: Coal
2	Energy Consumption	: 4.7 MT/hr each Kiln
3	Calorific Value (K-Cal/Kg)	: ----

RESULTS OF SAMPLING GASEOUS EMISSION ANALYSIS			UNIT	METHOD
1	Flue Gas Temperature	142	°C	IS 11255 : Part 3
2	Barometric Pressure	756	mm Hg	IS 11255 : Part 3
3	Velocity of Flue Gas	10.05	m/sec	IS 11255 : Part 3
4	Flue Gas Quantity	81330	NM^3/ hr	IS 11255 : Part 3
5	Concentration of Particulate Matter	35.19	mg/NM^3	IS 11255 : Part 1
6	Concentration of CO_2	9.8	%	IS 13270
7	Concentration of SO_2	134.14	mg/NM^3	IS 11255 : Part 2

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3. The Test report shall not be reproduced, without the written approval of laboratory.

Authorised Signatory

End of Test Report

MADHUSUDAN KARMAKAR
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ULR NO – TC151362600000316

TEST REPORT

Report Release Date	: 03.02.2026	Sample Ref. No.(ARF)	: EC/ARF/29/260113
Test Report No	: EC/TR/42/01029	Source of Sample	: Steel Plant
Type of Sample	: Dust & Gaseous Emission	Sampling Date	: 28.01.2026
Sample Collected by	: Mr. Deepak Kr. Singh & Team	Sample Registration Date	: 29.01.2026
Sample Details	: Stack Emission	Period of Analysis	: 29.01.2026
Customer Name & Address	: **SPS Steels Rolling Mills Ltd.** Village – Poradiha P.O – Pachhandapur Dist – Purulia West Bengal Pin No – 722153	Sampling Location	: ESP Stack
		Sample Condition	: Sealed & Preserved
		Sample Stamped as	: TH – 74
		Sample Drawn By	: ECO CARE
		Sampling Procedure	: EC/QP/02/07
		Testing Location	: At Permanent Lab
		Remarks	: ----
		Deviation if any	: None

GENERAL INFORMATION PROVIDED BY CUSTOMER

1	Particular of the Plant	: Steel Plant (Sponge Iron Div.)
2	Emission Due to	: Reduction of Iron Ore & Oxidation of Coal
3	Stack Connected to	: Rotary Kiln No 1&2 (100TPD x 2) Both in operation
4	Material of Construction	: M.S
5	Stack Height from G.L.	: 35.0 m
6	Height of Sampling Port from G.L.	: ----
7	Height of Sampling Port from L.D.Z.	: ----
8	Dimension of Stack at Sampling Port	: 2.0 m
9	Shape of the Stack	: Circular Ø
10	Working Load	: Kiln no-1= 5.7 MT/hr & Kiln no-2 = 5.4 MT/hr

FUEL CHARACTERISTIC REPORT

1	Source of Energy	: Coal
2	Energy Consumption	: 4.2 MT/hr each Kiln
3	Calorific Value (K-Cal/Kg)	: ----

RESULTS OF SAMPLING GASEOUS EMISSION ANALYSIS			UNIT	METHOD
1	Flue Gas Temperature	138	^{0}C	IS 11255 : Part 3
2	Barometric Pressure	756	mm Hg	IS 11255 : Part 3
3	Velocity of Flue Gas	9.69	m/sec	IS 11255 : Part 3
4	Flue Gas Quantity	79123	NM^3/ hr	IS 11255 : Part 3
5	Concentration of Particulate Matter	25.89	mg/NM^3	IS 11255 : Part 1
6	Concentration of CO_2	9.3	%	IS 13270
7	Concentration of SO_2	132.73	mg/NM^3	IS 11255 : Part 2

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3. The Test report shall not be reproduced, without the written approval of laboratory.

Authorised Signatory

End of Test Report

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ULR NO – TC1513626000000317

TEST REPORT

Report Release Date	: 03.02.2026	Sample Ref. No.(ARF)	: EC/ARF/29/260113
Test Report No	: EC/TR/42/01030	Source of Sample	: Steel Plant
Type of Sample	: Dust & Gaseous Emission	Sampling Date	: 28.01.2026
Sample Collected by	: Mr. Deepak Kr. Singh & Team	Sample Registration Date	: 29.01.2026
Sample Details	: Stack Emission	Period of Analysis	: 29.01.2026
Customer Name & Address	: **SPS Steels Rolling Mills Ltd.** Village – Poradiha P.O – Pachhandapur Dist – Purulia West Bengal Pin No – 722153	Sampling Location	: Bag Filter Stack
		Sample Condition	: Sealed & Preserved
		Sample Stamped as	: TH – 75
		Sample Drawn By	: ECO CARE
		Sampling Procedure	: EC/QP/02/07
		Testing Location	: At Permanent Lab
		Remarks	: ----
		Deviation if any	: None

GENERAL INFORMATION PROVIDED BY CUSTOMER

1	Particular of the Plant	: Steel Plant (Ferro Alloys Div.)
2	Emission Due to	: Melting of Mn Ore
3	Stack Connected to	: Submerged Arc Furnace Via Bag Filter
4	Material of Construction	: M.S
5	Stack Height from G.L.	: 30.0 m
6	Height of Sampling Port from G.L.	: ----
7	Height of Sampling Port from L.D.Z.	: ----
8	Dimension of Stack at Sampling Port	: 1.8 m
9	Shape of the Stack	: Circular Ø
10	Working Load	: 9 MVA

FUEL CHARACTERISTIC REPORT

1	Source of Energy	: Electricity
2	Energy Consumption	: ----
3	Calorific Value (K-Cal/Kg)	: ----

RESULTS OF SAMPLING GASEOUS EMISSION ANALYSIS			UNIT	METHOD
1	Flue Gas Temperature	85	°C	IS 11255 : Part 3
2	Barometric Pressure	756	mm Hg	IS 11255 : Part 3
3	Velocity of Flue Gas	7.75	m/sec	IS 11255 : Part 3
4	Flue Gas Quantity	58921	NM^3/ hr	IS 11255 : Part 3
5	Concentration of Particulate Matter	26.65	mg/NM^3	IS 11255 : Part 1
6	Concentration of CO_2	----	%	IS 13270
7	Concentration of SO_2	----	mg/NM^3	IS 11255 : Part 2

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ULR NO – TC151362600000318

TEST REPORT

Report Release Date	: 03.02.2026	Sample Ref. No.(ARF)	: EC/ARF/29/260113
Test Report No	: EC/TR/42/01031	Source of Sample	: Steel Plant
Type of Sample	: Dust & Gaseous Emission	Sampling Date	: 29.01.2026
Sample Collected by	: Mr. Deepak Kr. Singh & Team	Sample Registration Date	: 29.01.2026
Sample Details	: Stack Emission	Period of Analysis	: 29.01.2026
Customer Name & Address	: **SPS Steels Rolling Mills Ltd.** Village – Poradiha P.O – Pachhandapur Dist – Purulia West Bengal Pin No – 722153	Sampling Location	: Bag Filter Stack
		Sample Condition	: Sealed & Preserved
		Sample Stamped as	: TH – 76
		Sample Drawn By	: ECO CARE
		Sampling Procedure	: EC/QP/02/07
		Testing Location	: At Permanent Lab
		Remarks	: ----
		Deviation if any	: None

GENERAL INFORMATION PROVIDED BY CUSTOMER

1	Particular of the Plant	: Steel Plant (Sponge Iron Div.)
2	Emission Due to	: Process Activity
3	Stack Connected to	: Cooler Discharge Via Bag Filter
4	Material of Construction	: M.S
5	Stack Height from G.L.	: 30.0 m
6	Height of Sampling Port from G.L.	: ----
7	Height of Sampling Port from L.D.Z.	: ----
8	Dimension of Stack at Sampling Port	: 0.60 m
9	Shape of the Stack	: Circular Ø
10	Working Load	: ---

FUEL CHARACTERISTIC REPORT

1	Source of Energy	: ----
2	Energy Consumption	: ----
3	Calorific Value (K-Cal/Kg)	: ----

RESULTS OF SAMPLING GASEOUS EMISSION ANALYSIS			UNIT	METHOD
1	Flue Gas Temperature	54	°C	IS 11255 : Part 3
2	Barometric Pressure	756	mm Hg	IS 11255 : Part 3
3	Velocity of Flue Gas	7.78	m/sec	IS 11255 : Part 3
4	Flue Gas Quantity	7177	NM^3/ hr	IS 11255 : Part 3
5	Concentration of Particulate Matter	39.28	mg/NM^3	IS 11255 : Part 1
6	Concentration of CO_2	----	%	IS 13270
7	Concentration of SO_2	----	mg/NM^3	IS 11255 : Part 2

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ULR NO – TC151362600000031 9

TEST REPORT

Report Release Date	: 03.02.2026	Sample Ref. No.(ARF)	: EC/ARF/29/260113
Test Report No	: EC/TR/42/01032	Source of Sample	: Steel Plant
Type of Sample	: Dust & Gaseous Emission	Sampling Date	: 29.01.2026
Sample Collected by	: Mr. Deepak Kr. Singh & Team	Sample Registration Date	: 29.01.2026
Sample Details	: Stack Emission	Period of Analysis	: 29.01.2026
Customer Name & Address	: **SPS Steels Rolling Mills Ltd.** Village – Poradiha P.O – Pachhandapur Dist – Purulia West Bengal Pin No – 722153	Sampling Location	: Bag Filter Stack
		Sample Condition	: Sealed & Preserved
		Sample Stamped as	: TH – 77
		Sample Drawn By	: ECO CARE
		Sampling Procedure	: EC/QP/02/07
		Testing Location	: At Permanent Lab
		Remarks	: ----
		Deviation if any	: None

GENERAL INFORMATION PROVIDED BY CUSTOMER

1	Particular of the Plant	: Steel Plant (Sponge Iron Div.)
2	Emission Due to	: Process Activity
3	Stack Connected to	: Product House Via Bag Filter
4	Material of Construction	: M.S
5	Stack Height from G.L.	: 30.0 m
6	Height of Sampling Port from G.L.	: ----
7	Height of Sampling Port from L.D.Z.	: ----
8	Dimension of Stack at Sampling Port	: 0.60 m
9	Shape of the Stack	: Circular Ø
10	Working Load	: ----

FUEL CHARACTERISTIC REPORT

1	Source of Energy	: ----
2	Energy Consumption	: ----
3	Calorific Value (K-Cal/Kg)	: ----

RESULTS OF SAMPLING GASEOUS EMISSION ANALYSIS			UNIT	METHOD
1	Flue Gas Temperature	40	^{0}C	IS 11255 : Part 3
2	Barometric Pressure	756	mm Hg	IS 11255 : Part 3
3	Velocity of Flue Gas	7.66	m/sec	IS 11255 : Part 3
4	Flue Gas Quantity	7415	NM^3/ hr	IS 11255 : Part 3
5	Concentration of Particulate Matter	43.57	mg/NM^3	IS 11255 : Part 1
6	Concentration of CO_2	----	%	IS 13270
7	Concentration of SO_2	----	mg/NM^3	IS 11255 : Part 2

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ANNEXURE- 5

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ULR NO – TC1513626000000327

TEST REPORT

Report Release Date	: 03.02.2026	Sample Ref. No.(ARF)	: EC/ARF/29/260113
Test Report No	: EC/TR/42/01040	Source of Sample	: Steel Plant
Type of Sample	: Suspended Dust & Gases	Sampling Date	: 28.01.2026
Sample Collected by	: Mr. Deepak Kr. Singh & Team	Sample Receiving Date	: 29.01.2026
Sample Details	: Fugitive Air	Period of Analysis	: 29.01.26 to 30.01.26
Customer Name & Address	: **SPS Steels Rolling Mills Ltd.** Village - Poradiha P.O – Pachhandapur Dist – Purulia West Bengal Pin No – 722153	Sample Condition	: Sealed & Preserved
		Remarks	: ----
		Sample Drawn By	: ECO CARE
		Sampling Procedure	: EC/QP/02/07
		Testing Location	: At Permanent Lab
		Remarks	: ----
		Deviation if any	: None

1	Average Temperature	28°C	2	Barometric Pressure	756 mm of Hg
3	Average Relative Humidity	45%	4	Weather Condition	Clear Day

1. Sampling Location : Near DRI Kiln (No – 3 & 4)

SL NO	TESTS	PROTOCOL	RESULT
1	Concentration of Suspended Particulate Matter, $\mu g/m^3$	IS : 5182 (Part – 4)	1119.02
2	Sulphur Dioxide (SO_2), $\mu g/m^3$	IS 5182 (Part 2): 2001	27.68
3	Nitrogen Dioxide (NO_2), $\mu g/m^3$	IS 5182 (Part 6): 2006	36.09

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ULR NO – TC1513626000000328

TEST REPORT

Report Release Date	: 03.02.2026	Sample Ref. No.(ARF)	: EC/ARF/29/260113
Test Report No	: EC/TR/42/01041	Source of Sample	: Steel Plant
Type of Sample	: Suspended Dust & Gases	Sampling Date	: 25.01.2026
Sample Collected by	: Mr.Dipak Singh & Team	Sample Receiving Date	: 27.01.2026
Sample Details	: Fugitive Air	Period of Analysis	: 29.01.26 to 30.01.26
Customer Name &Address	: **SPS Steels Rolling Mills Ltd.** Village - Poradiha P.O – Pachhandapur Dist – Purulia West Bengal Pin No – 722153	Sample Condition	: Sealed & Preserved
		Remarks	: ----
		Sample Drawn By	: ECO CARE
		Sampling Procedure	: EC/QP/02/07
		Testing Location	: At Permanent Lab
		Remarks	: ----
		Deviation if any	: None

1	Average Temperature	28°C	2	Barometric Pressure	756 mm of Hg
3	Average Relative Humidity	45 %	4	Weather Condition	Clear Day

2. Sampling Location : Near DRI Kiln (No – 1 & 2)

SL NO	TESTS	PROTOCOL	RESULT
1	Concentration of Suspended Particulate Matter, $\mu g/m^3$	IS : 5182 (Part – 4)	1048.72
2	Sulphur Dioxide (SO_2), $\mu g/m^3$	IS 5182 (Part 2): 2001	22.41
3	Nitrogen Dioxide (NO_2), $\mu g/m^3$	IS 5182 (Part 6): 2006	29.61

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End of Test Report

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ULR NO – TC1513626000000329

TEST REPORT

Report Release Date	: 03.01.2026	Sample Ref. No.(ARF)	: EC/ARF/29/260113
Test Report No	: EC/TR/42/01042	Source of Sample	: Steel Plant
Type of Sample	: Suspended Dust & Gases	Sampling Date	: 29.01.2026
		Sample Registration Date	: 29.01.2026
Sample Collected by	: Mr. Dipak Singh & Team	Period of Analysis	: 29.01.26 to 30.01.26
Sample Details	: Fugitive Air	Sample Condition	: Sealed & Preserved
Customer Name & Address	: **SPS Steels Rolling Mills Ltd.** Village - Poradiha P.O – Puchhandapur Dist – Purulia West Bengal Pin No – 722153	Remarks	: ----
		Sample Drawn By	: ECO CARE
		Sampling Procedure	: EC/QP/02/07
		Testing Location	: At Permanent Lab
		Remarks	: ----
		Deviation if any	: None

1	Average Temperature	29 °C	2	Barometric Pressure	755 mm of Hg
3	Average Relative Humidity	45%	4	Weather Condition	Clear Day

3. Sampling Location : Near AFBC boiler

SL NO	TESTS	PROTOCOL	RESULT
1	Concentration of Suspended Particulate Matter, $\mu g/m^3$	IS : 5182 (Part – 4)+	852.58
2	Sulphur Dioxide (SO_2), $\mu g/m^3$	IS 5182 (Part 2): 2001	19.78
3	Nitrogen Dioxide (NO_2), $\mu g/m^3$	IS 5182 (Part 6): 2006	33.93

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ULR NO – TC1513626000000330

TEST REPORT

Report Release Date	: 03.02.2026	Sample Ref. No.(ARF)	: EC/ARF/29/260113
Test Report No	: EC/TR/42/01043	Source of Sample	: Steel Plant
Type of Sample	: Suspended Dust & Gases	Sampling Date	: 28.01.2026
		Sample Receiving Date	: 29.01.2026
Sample Collected by	: Mr. Dipak Singh & Team	Period of Analysis	: 29.01.26 to 30.01.26
Sample Details	: Fugitive Air	Sample Condition	: Sealed & Preserved
Customer Name & Address	: **SPS Steels Rolling Mills Ltd.** Village - Poradiha P.O – Pachhandapur Dist – Purulia West Bengal Pin No – 722153	Remarks	: ----
		Sample Drawn By	: ECO CARE
		Sampling Procedure	: EC/QP/02/07
		Testing Location	: At Permanent Lab
		Remarks	: ----
		Deviation if any	: None

1	Average Temperature	29°C	2	Barometric Pressure	755 mm of Hg
3	Average Relative Humidity	45%	4	Weather Condition	Clear Day

4. Sampling Location : Near SAF Control Room

SL NO	TESTS	PROTOCOL	RESULT
1	Concentration of Suspended Particulate Matter, $\mu g/m^3$	IS : 5182 (Part – 4)	668.67
2	Sulphur Dioxide (SO_2), $\mu g/m^3$	IS 5182 (Part 2): 2001	17.14
3	Nitrogen Dioxide (NO_2), $\mu g/m^3$	IS 5182 (Part 6): 2006	27.46

1. Test values are reported based on the samples received.
2. Sample(s) will be destroyed after 7 days from date of issues of the Test Report subject to nature of Preservation. Sample will be preserved as per the standard method.
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End of Test Report

ANNEXURE- 6

RCC ROAD AND PAVERED BLOCK PHOTOGRAPH

ANNEXURE- 7

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ULR NO – TC1513626000000320F

TEST REPORT

Report Release Date	: 03.02.2026	Sample Ref. No.(ARF)	: EC/ARF/29/260113
Test Report No	: EC/TR/42/01033	Source of Sample	: Steel Plant
Type of Sample	: Water	Sampling Date	: 28.01.2026
Sample Collected by	: Mr. Deepak Kr. Singh	Sample Registration Date	: 29.01.2026
Sample Details	: Ground Water	Period of Analysis	: 29.01.2026
Customer Name & Address	: **SPS Steels Rolling Mills Ltd** Village – Poradiha P.O – Pachhandapur Dist – Purulia, West Bengal Pin No. 722153	Sampling Location	: Hand Pump of Poradiha Village
		Sample Condition	: Sealed & Preserved
		Sample Stamped as	: EC/25/GW/0113/07
		Sample Drawn By	: ECO CARE
		Sampling Procedure	: EC/QP/02/07
		Testing Location	: At Permanent Lab
		Remarks	: ---
		Deviation if any	: None

Sl. No.	Parameters	Unit	Test Method	Standards (IS:10500:2010)	Results
1	pH at 24.1 °C		Apha 24th Ed: 4500-H^+ B	6.5 – 8.5	6.79
2	TDS	mg/l	Apha 24th Ed: 2540 C	500 Max	176.90
3	TSS	mg/l	Apha 24th Ed: 2540 D	----	< 5.00
4	Turbidity	NTU	Apha 24th Ed: 2130 B	1 Max	< 1.00
5	Total Alkalinity (as $CaCO_3$)	mg/l	Apha 24th Ed: 2320 B	200 Max	100.57
6	Chloride (as Cl^-)	mg/l	Apha 24th Ed: 4500 – Cl^- B	250 Max	15.65
7	Calcium (as Ca^{2+})	mg/l	Apha 24th Ed: 3500 – Ca B	75 Max	28.62
8	Total Chromium	mg/l	IS 3025 (Part - 52)	0.05 Max	< 0.03
9	Total Hardness (as $CaCO_3$)	mg/l	Apha 24th Ed: 2340 C	200 Max	83.64
10	Iron (as Fe)	mg/l	Apha 24th Ed: 3500 – Fe B	1 Max	0.08
11	Sulphate (as SO_4^{2-})	mg/l	Apha 24th Ed: 4500 – SO_4^{2-} E	200 Max	42.42
12	Magnesium (as Mg)	mg/l	Apha 24th Ed: 3500 – Mg B	30 Max	2.97
13	Arsenic	mg/l	IS 3025 (Part-37)	0.01 Max	< 0.01
14	Fluoride (as F)	mg/l	Apha 24th Ed: 4500 – F B&D	1.0 Max	0.55
15	Nitrate (asNO_3)	mg/l	Apha 24th Ed: 4500 – NO_3^- B	45.0 Max	2.46
16	Chlorine Residual	mg/l	Apha 24th Ed: 4500 – Cl B	0.2	< 0.50
17	Acidity at pH 8.3	mg/l	IS 3025(Part 22)	---	< 5.00
18	Ammoniacal Nitrogen	mg/l	IS 3025(Part 34)	0.5	< 5.00
19	Phosphate as P	mg/l	Apha 24th Ed: 4500 – P D	---	0.09
20	Settle-able Solide	mg/l	Apha 24th Ed: 2540 F	---	< 5.00
21	Silica as Si	mg/l	Apha 24th Ed: 4500 SiO_2	---	6.21
22	Conductivity	µs/cm	Apha 24th Ed: 2510 B	---	260

1. Test values are reported based on the samples received.
2. Sample(s) will be destroyed after 30 days from date of issues of the Test Report subject to nature of Preservation. Sample will be preserved as per the standard method.
3. The Test report shall not be reproduced, without the written approval of laboratory.

Authorised Signatory
MADHUSUDAN KARMAKAR
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End of Test Report

ANNEXURE- 8

Eco Care

TC-15136

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ULR NO – TC1513626000000322

TEST REPORT

Report Release Date	: 03.02.2026	Sample Ref. No.(ARF)	: EC/ARF/29/260113
Test Report No	: EC/TR/42/01035	Source of Sample	: Steel Plant
Type of Sample	: Water	Sampling Date	: 28.01.2026
Sample Collected by	: Mr. Deepak Kr. Singh	Sample Registration Date	: 29.01.2026
Sample Details	: Effluent Water	Period of Analysis	: 29.01.26 to 02.02.26
Customer Name & Address	: **SPS Steels Rolling Mills Ltd** Village – Poradiha P.O – Pachhandupur Dist – Purulia, West Bengal Pin No. 722153	Sampling Location	: Recycle water tank Inside the Factory
		Sample Condition	: Sealed & Preserved
		Sample Stamped as	: EC/25/WT/0113/09
		Sample Drawn By	: ECO CARE
		Sampling Procedure	: EC/QP/02/07
		Testing Location	: At Permanent Lab
		Remarks	: ----
		Deviation if any	: None

Sl. No.	Parameters	Unit	Test Method	Standards (EPR 1986 & IS 2296:1982)	Results
1	pH at 24.1 °C		Apha 24th Ed: 4500-H⁺ B	5.5 – 9.0	7.43
2	TSS	mg/l	Apha 24th Ed: 2540 D	100 Max	17.40
3	BOD (3 days) at 27.0 °C	mg/l	IS 3025 (Part - 44): 1993	30 Max	9.7
4	COD	mg/l	Apha 24th Ed: 5220 B	250 Max	34.27
5	Oil & Grease	mg/l	Apha 24th Ed: 5520 B	10 Max	2.15

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Authorised Signatory

MADHUSUDAN KARMAKAR
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End of Test Report

ANNEXURE- 9A

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ULR NO – TC15136260000000339

TEST REPORT

Report Release Date	: 03.02.2026	Sample Ref. No. (ARF)	: EC/ARF/29/2602113
Test Report No	: EC/TR/42/01049	Source of Sample	: Steel Plant
Type of Sample	: Noise	Sampling Date	: 28.01.26 to 29.01.26
Sample Collected by	: Mr. Deepak Kr. Singh & Team	Sample Receiving Date	: 29.01.2026
Sample Details	: Ambient Noise	Period of Analysis	: ----
Customer Name & Address	: **SPS Steels Rolling Mills Ltd** Village - Poradiha P.O – Pachhandapur Dist – Purulia West Bengal – 722153	Sample Condition	: ----
		Sample Drawn By	: ECO CARE
		Sampling Procedure	: EC/QP/02/07
		Testing Location	: At Permanent Lab
		Remarks	: ----
		Deviation if any	: None

1. Sampling Location : Outside boundary wall towards Poradiha village

Date of Study	28.01.2026	Day time	06:00 AM to 10:00PM

SL No	Time	Minimum	Leq – Mean	Maximum	Day time Leq – Mean
1	06:00 AM to 07:00 AM	42.3 dB(A)	50.5 dB(A)	56.3 dB(A)	51.4 dB(A)
2	07:00 AM to 08:00 AM	42.5 dB(A)	51.6 dB(A)	57.2 dB(A)	
3	08:00 AM to 09:00 AM	43.2 dB(A)	51.3 dB(A)	56.8 dB(A)	
4	09:00 AM to10:00 AM	45.3 dB(A)	51.4 dB(A)	57.6 dB(A)	
5	10:00 AM to11:00 AM	49.5 dB(A)	51.5 dB(A)	57.2 dB(A)	
6	11:00 AM to12:00 PM	46.2 dB(A)	51.6 dB(A)	57.8 dB(A)	
7	12:00 PM to 01:00 PM	44.9 dB(A)	52.5 dB(A)	57.3 dB(A)	
8	01:00 PM to 02:00 PM	46.3 dB(A)	52.8 dB(A)	59.1 dB(A)	
9	02:00 PM to 03:00 PM	45.4 dB(A)	52.8 dB(A)	58.3 dB(A)	
10	03:00 PM to 04:00 PM	45.8 dB(A)	51.9 dB(A)	58.3 dB(A)	
11	04:00 PM to 05:00 PM	43.8 dB(A)	50.9 dB(A)	56.3 dB(A)	
12	05:00 PM to 06:00 PM	42.2 dB(A)	50.7 dB(A)	55.3 dB(A)	
13	06:00 PM to 07:00 PM	40.1 dB(A)	51.0 dB(A)	56.3 dB(A)	
14	07:00 PM to 08:00 PM	43.1 dB(A)	50.8 dB(A)	55.2 dB(A)	
15	08:00 PM to 09:00 PM	41.6 dB(A)	50.9 dB(A)	52.3 dB(A)	
16	09:00 PM to 10:00 PM	48.1 dB(A)	51.1 dB(A)	56.3 dB(A)	

Date of Study	28.01.2026 to 29.01.2026	Night time	10:00PM to 6:00AM

SL No	Time	Minimum	Leq – Mean	Maximum	Night time Leq – Mean
17	10:00 PM to11:00 PM	37.3 dB(A)	47.4 dB(A)	52.6 dB(A)	44.2 dB(A)
18	11:00 PM to12:00 AM	38.2 dB(A)	46.8 dB(A)	50.3 dB(A)	
19	12:00 AM to01:00 AM	38.5 dB(A)	46.6 dB(A)	50.3 dB(A)	
20	01:00 AM to02:00 AM	38.8 dB(A)	45.1 dB(A)	49.6 dB(A)	
21	02:00 AM to03:00 AM	35.3 dB(A)	43.5 dB(A)	48.3 dB(A)	
22	03:00 AM to04:00 AM	35.8 dB(A)	41.5 dB(A)	46.2 dB(A)	
23	04:00 AM to05:00 AM	32.3. dB(A)	40.6 dB(A)	50.1 dB(A)	
24	05:00 AM to06:00 AM	33.3 dB(A)	42.2 dB(A)	53.1 dB(A)	

1. Test values are reported based on the samples received.
2. The Test report shall not be reproduced, without the written approval of laboratory

Authorised Signatory
MAD[illegible]SUDAN KARMAKAR
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End of Test Report

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ULR NO – TC15136260000000340

TEST REPORT

Report Release Date	: 03.02.2026	Sample Ref. No. (ARF)	: EC/ARF/29/2602113
Test Report No	: EC/TR/42/01050	Source of Sample	: Steel Plant
Type of Sample	: Noise	Sampling Date	: 28.01.26 to 29.01.26
Sample Collected by	: Mr. Deepak Kr. Singh & Team	Sample Receiving Date	: 29.01.2026
Sample Details	: Ambient Noise	Period of Analysis	: ----
Customer Name & Address	: **SPS Steels Rolling Mills Ltd** Village - Poradiha P.O – Pachhandapur Dist – Purulia West Bengal – 722153	Sample Condition	: ----
		Sample Drawn By	: ECO CARE
		Sampling Procedure	: EC/QP/02/07
		Testing Location	: At Permanent Lab
		Remarks	: ----
		Deviation if any	: None

2. Sampling Location : Western side of boundary wall

Date of Study	28.01.2026	Day time	06:00 AM to 10:00PM

SL No	Time	Minimum	Leq – Mean	Maximum	Day time Leq – Mean
1	06:00 AM to 07:00 AM	39.3 dB(A)	46.1 dB(A)	53.4 dB(A)	53.20 dB(A)
2	07:00 AM to 08:00 AM	41.0 dB(A)	47.2 dB(A)	54.8 dB(A)	
3	08:00 AM to 09:00 AM	42.1 dB(A)	47.7 dB(A)	54.8 dB(A)	
4	09:00 AM to10:00 AM	42.8 dB(A)	49.8 dB(A)	58.1 dB(A)	
5	10:00 AM to11:00 AM	43.5 dB(A)	49.4 dB(A)	56.1 dB(A)	
6	11:00 AM to12:00 PM	45.3 dB(A)	49.9 dB(A)	55.3 dB(A)	
7	12:00 PM to 01:00 PM	46.1 dB(A)	50.8 dB(A)	58.6 dB(A)	
8	01:00 PM to 02:00 PM	46.2 dB(A)	49.9 dB(A)	54.8 dB(A)	
9	02:00 PM to 03:00 PM	39.2 dB(A)	49.2 dB(A)	53.3 dB(A)	
10	03:00 PM to 04:00 PM	43.2 dB(A)	49.4 dB(A)	55.1 dB(A)	
11	04:00 PM to 05:00 PM	42.2 dB(A)	48.3 dB(A)	53.1 dB(A)	
12	05:00 PM to 06:00 PM	45.2 dB(A)	49.9 dB(A)	58.3 dB(A)	
13	06:00 PM to 07:00 PM	45.0 dB(A)	48.6 dB(A)	56.5 dB(A)	
14	07:00 PM to 08:00 PM	39.6 dB(A)	44.2 dB(A)	48.5 dB(A)	
15	08:00 PM to 09:00 PM	43.5 dB(A)	50.1 dB(A)	56.1 dB(A)	
16	09:00 PM to 10:00 PM	42.3 dB(A)	47.8 dB(A)	54.6 dB(A)	

Date of Study	28.01.2026 to 29.01.2026	Night time	10:00PM to 6:00AM

SL No	Time	Minimum	Leq – Mean	Maximum	Night time Leq – Mean
17	10:00 PM to11:00 PM	38.3 dB(A)	45.2 dB(A)	47.5 dB(A)	44.35 dB(A)
18	11:00 PM to12:00 AM	35.3 dB(A)	43.5 dB(A)	46.8 dB(A)	
19	12:00 AM to01:00 AM	38.9 dB(A)	43.2 dB(A)	47.2 dB(A)	
20	01:00 AM to02:00 AM	40.3 dB(A)	41.4 dB(A)	42.3dB(A)	
21	02:00 AM to03:00 AM	32.2 dB(A)	35.9 dB(A)	39.6 dB(A)	
22	03:00 AM to04:00 AM	40.9 dB(A)	42.1 dB(A)	43.5 dB(A)	
23	04:00 AM to05:00 AM	41.3 dB(A)	42.3 dB(A)	43.8 dB(A)	
24	05:00 AM to06:00 AM	36.7 dB(A)	38.1 dB(A)	39.8 dB(A)	

1. Test values are reported based on the samples received.
2. The Test report shall not be reproduced, without the written approval of laboratory

Authorized Signatory

MAD[illegible] JOAN KA[illegible]
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End of Test Report

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ULR NO – TC1513626000000341

TEST REPORT

Report Release Date	: 03.02.2026	Sample Ref. No. (ARF)	: EC/ARF/29/2602113
Test Report No	: EC/TR/42/01051	Source of Sample	: Steel Plant
Type of Sample	: Noise	Sampling Date	: 28.01.26 to 29.01.26
Sample Collected by	: Mr. Deepak Kr. Singh & Team	Sample Receiving Date	: 29.01.2026
Sample Details	: Ambient Noise	Period of Analysis	: ----
Customer Name & Address	: **SPS Steels Rolling Mills Ltd** Village - Poradiha P.O – Pachbandapur Dist – Purulia West Bengal Pin No – 722153	Sample Condition	: ----
		Sample Drawn By	: ECO CARE
		Sampling Procedure	: EC/QP/02/07
		Testing Location	: At Permanent Lab
		Remarks	: ----
		Deviation if any	: None

3. Sampling Location : Northern side of plant boundary near water reservoir

Date of Study	28.01.2026	Day time	06:00 AM to 10:00PM

SL No	Time	Unit	Minimum	Leq – Mean	Maximum	Day time Leq – Mean
1	06:00 AM to 07:00 AM	dB(A)	38.1	45.6	52.1	50.92dB(A)
2	07:00 AM to 08:00 AM	dB(A)	40.1	46.5	55.1	
3	08:00 AM to 09:00 AM	dB(A)	41.7	46.8	56.2	
4	09:00 AM to10:00 AM	dB(A)	42.3	47.6	57.1	
5	10:00 AM to11:00 AM	dB(A)	45.1	48.6	50.7	
6	11:00 AM to12:00 PM	dB(A)	42.2	46.4	51.8	
7	12:00 PM to 01:00 PM	dB(A)	40.7	43.8	52.4	
8	01:00 PM to 02:00 PM	dB(A)	40.3	43.5	53.6	
9	02:00 PM to 03:00 PM	dB(A)	42.3	47.4	57.0	
10	03:00 PM to 04:00 PM	dB(A)	38.7	42.2	54.3	
11	04:00 PM to 05:00 PM	dB(A)	41.4	48.7	53.1	
12	05:00 PM to 06:00 PM	dB(A)	38.6	43.2	59.8	
13	06:00 PM to 07:00 PM	dB(A)	35.2	50.2	60.2	
14	07:00 PM to 08:00 PM	dB(A)	42.3	46.1	63.8	
15	08:00 PM to 09:00 PM	dB(A)	41.8	47.3	56.2	
16	09:00 PM to 10:00 PM	dB(A)	40.7	43.8	52.4	

Date of Study	28.01.2026 to 29.01.2026	Night time	10:00PM to 6:00AM

SL No	Time	Unit	Minimum	Leq – Mean	Maximum	Night time Leq – Mean
17	10:00 PM to11:00 PM	dB(A)	38.4	40.3	46.8	42.65 dB(A)
18	11:00 PM to12:00 AM	dB(A)	35.3	41.4	43.3	
19	12:00 AM to01:00 AM	dB(A)	37.6	40.6	42.1	
20	01:00 AM to02:00 AM	dB(A)	40.0	40.0	41.9	
21	02:00 AM to03:00 AM	dB(A)	35.3	37.4	40.5	
22	03:00 AM to04:00 AM	dB(A)	39.7	41.5	43.0	
23	04:00 AM to05:00 AM	dB(A)	38.1	40.7	42.9	
24	05:00 AM to06:00 AM	dB(A)	39.2	40.3	45.2	

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Authorised Signatory

MADHUSUDAN KARMAKAR
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End of Test Report

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ULR NO – TC15136260000000342

TEST REPORT

Report Release Date	: 03.02.2026	Sample Ref. No. (ARF)	: EC/ARF/29/2602113
Test Report No	: EC/TR/42/01052	Source of Sample	: Steel Plant
Type of Sample	: Noise	Sampling Date	: 28.01.26 to 29.01.26
Sample Collected by	: Mr. Deepak Kr. Singh & Team	Sample Receiving Date	: 29.01.2026
Sample Details	: Ambient Noise	Period of Analysis	: ----
Customer Name & Address	: **SPS Steels Rolling Mills Ltd** Village - Poradiha P.O – Pachhandapur Dist – Purulia West Bengal Pin No – 722153	Sample Condition	: ----
		Sample Drawn By	: ECO CARE
		Sampling Procedure	: EC/QP/02/07
		Testing Location	: At Permanent Lab
		Remarks	: ----
		Deviation if any	: None

4. Sampling Location : Eastern side of the plant boundary outside coal shed

Date of Study	28.01.2026	Day time	06:00 AM to 10:00PM

SL No	Time	Unit	Minimum	Leq – Mean	Maximum	Day time Leq – Mean
1	06:00 AM to 07:00 AM	dB(A)	46.2	48.0	52.1	52.72 dB(A)
2	07:00 AM to 08:00 AM	dB(A)	44.3	46.1	48.8	
3	08:00 AM to 09:00 AM	dB(A)	46.3	50.5	53.9	
4	09:00 AM to10:00 AM	dB(A)	41.6	43.3	45.2	
5	10:00 AM to11:00 AM	dB(A)	45.9	47.4	49.9	
6	11:00 AM to12:00 PM	dB(A)	44.6	48.6	52.7	
7	12:00 PM to 01:00 PM	dB(A)	46.3	48.8	50.8	
8	01:00 PM to 02:00 PM	dB(A)	40.7	45.2	48.7	
9	02:00 PM to 03:00 PM	dB(A)	44.9	50.6	52.4	
10	03:00 PM to 04:00 PM	dB(A)	45.6	47.9	50.0	
11	04:00 PM to 05:00 PM	dB(A)	44.1	46.2	47.9	
12	05:00 PM to 06:00 PM	dB(A)	39.3	43.4	46.0	
13	06:00 PM to 07:00 PM	dB(A)	44.1	46.3	48.6	
14	07:00 PM to 08:00 PM	dB(A)	47.2	48.5	50.3	
15	08:00 PM to 09:00 PM	dB(A)	48.4	50.2	53.2	
16	09:00 PM to 10:00 PM	dB(A)	45.7	48.8	52.7	

Date of Study	28.01.2026 to 29.01.2026	Night time	10:00PM to 6:00AM

SL No	Time	Unit	Minimum	Leq – Mean	Maximum	Night time Leq – Mean
17	10:00 PM to11:00 PM	dB(A)	35.8	37.3	39.3	44.38 dB(A)
18	11:00 PM to12:00 AM	dB(A)	40.0	41.2	42.9	
19	12:00 AM to01:00 AM	dB(A)	40.2	40.6	41.2	
20	01:00 AM to02:00 AM	dB(A)	36.9	37.2	42.1	
21	02:00 AM to03:00 AM	dB(A)	41.2	44.7	46.9	
22	03:00 AM to04:00 AM	dB(A)	36.2	37.2	48.4	
23	04:00 AM to05:00 AM	dB(A)	38.0	38.7	47.7	
24	05:00 AM to06:00 AM	dB(A)	40.7	44.2	52.0	

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Authorised Signatory
MADHUSUDAN KARMAKAR
LABORATORY IN-CHARGE
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End of Test Report

ANNEXURE- 9B

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URL NO. – TC1513626000000335F

TEST REPORT

Report Release Date	: 03.02.2026	Sample Ref. No.(ARF)	: EC/ARF/29/260113
Test Report No	: EC/TR/42/01040	Source of Sample	: Steel Plant
Type of Sample	: Noise	Sampling Date	: 28.01.2026
Sample Collected by	: Mr. Deepak Kr. Singh & Team	Period of Analysis	: ----
Sample Details	: Work Zone Noise	Sample Condition	: ----
Customer Name & Address	: **SPS Steels Rolling Mills Ltd.** Village - Poradiha P.O – Pachhandapur Dist – Purulia West Bengal – 722153	Remarks	: ----
		Sample Drawn By	: ECO CARE
		Sampling Procedure	: EC/QP/02/07
		Testing Location	: At Permanent Lab
		Remarks	: ----
		Deviation if any	: None

METEOROLOGICAL INFORMATION

1	Average Temperature (°C)	28
2	Average Relative Humidity (%)	45
3	Barometric Pressure (mm of Hg)	756
4	Weather Condition	Clear Day

WORK ZONE NOISE QUALITY REPORT

Sampling Location	NOISE LEVEL		
	Minimum	Leq – Mean	Maximum
1. Near AFBC Boiler Area	67.30 dB(A)	70.44 dB(A)	72.80 dB(A)

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Authorised Signatory

MADHUSUDAN KARMAKAR
LABORATORY IN-CHARGE
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End of Test Report

Eco Care

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URL NO. – TC1513626000000336

TEST REPORT

Report Release Date	: 03.02.2026	Sample Ref. No.(ARF)	: EC/ARF/29/260113
Test Report No	: EC/TR/42/01041	Source of Sample	: Steel Plant
Type of Sample	: Noise	Sampling Date	: 28.01.2026
Sample Collected by	: Mr. Deepak Kr. Singh & Team	Period of Analysis	: ----
Sample Details	: Work Zone Noise	Sample Condition	: ----
Customer Name & Address	: **SPS Steels Rolling Mills Ltd.** Village - Poradiha P.O – Pachhandapur Dist – Purulia West Bengal – 722153	Remarks	: ----
		Sample Drawn By	: ECO CARE
		Sampling Procedure	: EC/QP/02/07
		Testing Location	: At Permanent Lab
		Remarks	: ----
		Deviation if any	: None

METEOROLOGICAL INFORMATION

1	Average Temperature (°C)	28
2	Average Relative Humidity (%)	45
3	Barometric Pressure (mm of Hg)	756
4	Weather Condition	Clear Day

WORK ZONE NOISE QUALITY REPORT

Sampling Location	NOISE LEVEL		
	Minimum	Leq – Mean	Maximum
2. Near Rotary Kiln No. 1 & 2	69.90 dB(A)	74.06 dB(A)	76.60 dB(A)

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Authorised Signatory

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URL NO. – TC1513626000000337

TEST REPORT

Report Release Date	: 03.02.2026	Sample Ref. No.(ARF)	: EC/ARF/29/260113
Test Report No	: EC/TR/42/01042	Source of Sample	: Steel Plant
Type of Sample	: Noise	Sampling Date	: 28.01.2026
Sample Collected by	: Mr. Deepak Kr. Singh & Team	Period of Analysis	: ----
Sample Details	: Work Zone Noise	Sample Condition	: ----
Customer Name & Address	: **SPS Steels Rolling Mills Ltd.** Village - Poradiha P.O – Pachhandapur Dist – Purulia West Bengal – 722153	Remarks	: ----
		Sample Drawn By	: ECO CARE
		Sampling Procedure	: EC/QP/02/07
		Testing Location	: At Permanent Lab
		Remarks	: ----
		Deviation if any	: None

METEOROLOGICAL INFORMATION

1	Average Temperature (°C)	28
2	Average Relative Humidity (%)	45
3	Barometric Pressure (mm of Hg)	756
4	Weather Condition	Clear Day

WORK ZONE NOISE QUALITY REPORT

Sampling Location	NOISE LEVEL		
	Minimum	Leq – Mean	Maximum
3. Near Rotary Kiln No. 3 & 4	68.30 dB(A)	72.38 dB(A)	75.20 dB(A)

1. Test values are reported based on the samples received.
2. The Test report shall not be reproduced, without the written approval of laboratory

Authorised Signatory

MADHUSUDAN KARMAKAR
LABORATORY IN-CHARGE
AUTHORISED SIGNATORY

End of Test Report

Eco Care

Phone : (0341) 3580061

Email : ecocareasansol@rediffmail.com
Manoj Talkies Basement, Kumarpur
Asansol - 713304
Dist. Paschim Bardhaman (W.B.)

Specialised House on Environmental Monitoring, Analysis, Assessment & Management
ISO 9001:2015 Certified, OHSAS 45001:2018 Certified

URL NO. – TC1513626000000338

TEST REPORT

Report Release Date	: 03.02.2026	Sample Ref. No.(ARF)	: EC/ARF/29/260113
Test Report No	: EC/TR/42/01043	Source of Sample	: Steel Plant
Type of Sample	: Noise	Sampling Date	: 28.01.2026
Sample Collected by	: Mr. Deepak Kr. Singh & Team	Period of Analysis	: ----
Sample Details	: Work Zone Noise	Sample Condition	: ----
Customer Name & Address	: **SPS Steels Rolling Mills Ltd.** Village - Poradiha P.O – Pachhandapur Dist – Purulia West Bengal – 722153	Remarks	: ----
		Sample Drawn By	: ECO CARE
		Sampling Procedure	: EC/QP/02/07
		Testing Location	: At Permanent Lab
		Remarks	: ----
		Deviation if any	: None

METEOROLOGICAL INFORMATION

1	Average Temperature (°C)	28
2	Average Relative Humidity (%)	44
3	Barometric Pressure (mm of Hg)	756
4	Weather Condition	Clear Day

WORK ZONE NOISE QUALITY REPORT

Sampling Location	NOISE LEVEL		
	Minimum	Leq – Mean	Maximum
4. Near SEAF Control Room	64.20 dB(A)	69.01 dB(A)	71.60 dB(A)

1. Test values are reported based on the samples received.
2. The Test report shall not be reproduced, without the written approval of laboratory

Authorised Signatory
MADHUSUDAN KARMAKAR
LABORATORY IN-CHARGE
AUTHORISED SIGNATORY

End of Test Report

ANNEXURE- 10A

BINAYAK PAUL

VILL + P.O.-Jhantipahari, Dist-Bankura-722137
GSTIN: 19ALGPP8374B1ZT
Mob: - 9474000006 / 9434000050

Bank Details:
Kotak Mahindra Bank,
Current Account No: 3045658045
Durgapur Branch
IFSC CODE: KKBK0006747

Civil, Mechanical Contractor and Fly ash Bricks Manufacturer

Date: 04/04/2022

AGREEMENT

This Agreement hereafter referred to as ("the Agreement") made on this the first day of April 2022 by **M/s SPS Steels Rolling Mills Ltd.** a company incorporated under the companies Act,1956 and having its unit at Vill-Poradiha, PO-Pachhandapur, PS-Santuri, Dist.- Purulia-722153, hereafter referred to as **SPS** (with expression shall unless excluded by or repugnant to the subject or context be deemed to mean and include its successor or successors and permitted assigns) of the **PARTY-1.**

AND

Binayak Paul, a proprietorship firm and having its factory at Jhantipahari, Dist-Bankura-722137 (with expression shall unless excluded by or repugnant to the subject or context be deemed to mean and include its successor or successors and permitted assigns) of the **PARTY-2**.

Whereas, the First Party offered "Fly Ash" to **Binayak Paul**, generated from the Boiler(s) at the captive power plant & ESPs from DRI at SPS. The rate of the Fly Ash will be decided mutually on fortnightly basis.

Whereas, **Binayak Paul** shall arrange to place vehicle for lifting of the Fly ash, Bed ash and Ash from PGP of future expansion project on daily basis and will pay the freight to the transporter/truck driver as per lorry receipt and at actual being the charges from unit of SPS, at Poradiha to the unit of **Binayak Paul**. Vehicle carrying Fly ash shall be emptied and release at earliest.

Binayak Paul will utilize the Fly ash towards manufacturing of Fly ash Bricks at its factory at Jhantipahari, Dist-Bankura-722137.

Period of Agreement: This agreement shall remain in force for a period of 10 (ten) years.

Dispute Resolution. That in the event of any dispute of difference between the parties in respect to this Agreement shall be settled by amicable negotiation between the parties failing which the same shall be decided by Arbitration in accordance with provision of Arbitration and conciliation Act,1966.

In witness thereof, the parties here to have executed this above written on the first day of April'2022.

Signed and Delivered by the above

For Binayak Paul

Name: Binayak Paul
Degn: Proprietor
Date: 04-04-2022

Signed and Delivered by the above

For M/s SPS Steels Rolling Mills Ltd.

SPS STEELS ROLLING MILLS LTD. Poradiha Purulia

Name: Raj Kumar Lodia
Degn: AGM-Commercial

ANNEXURE- 10B

ECL

EASTERN COALFIELDS LIMITED
(A Subsidiary of Coal India Ltd.)
Office of the General Manager, Sodepur Area
P.O. – Sunderchak, P.S - Kulti,
Dt. Paschim Bardhhaman (W.B), Pin-713 360
Website – www.easternicoal.gov.in

Dated: - 24.02.2022

To
The Authority of SPS Steels Rolling Mills Ltd.
Vill: Poradiha
P.O: Pachhandapur,
Dist: Purulia
Pin: 722153

Dear Sir,

In response to your letter dated: 18.02.2022, as per discussion with you, you are hereby requested to fill up an illegally Mined place at Bicched Bandh area near Narsamuda Colliery of Sodepur Area, ECL with fly ash, with active help of State Administration.

Yours faithfully

24/02/2022

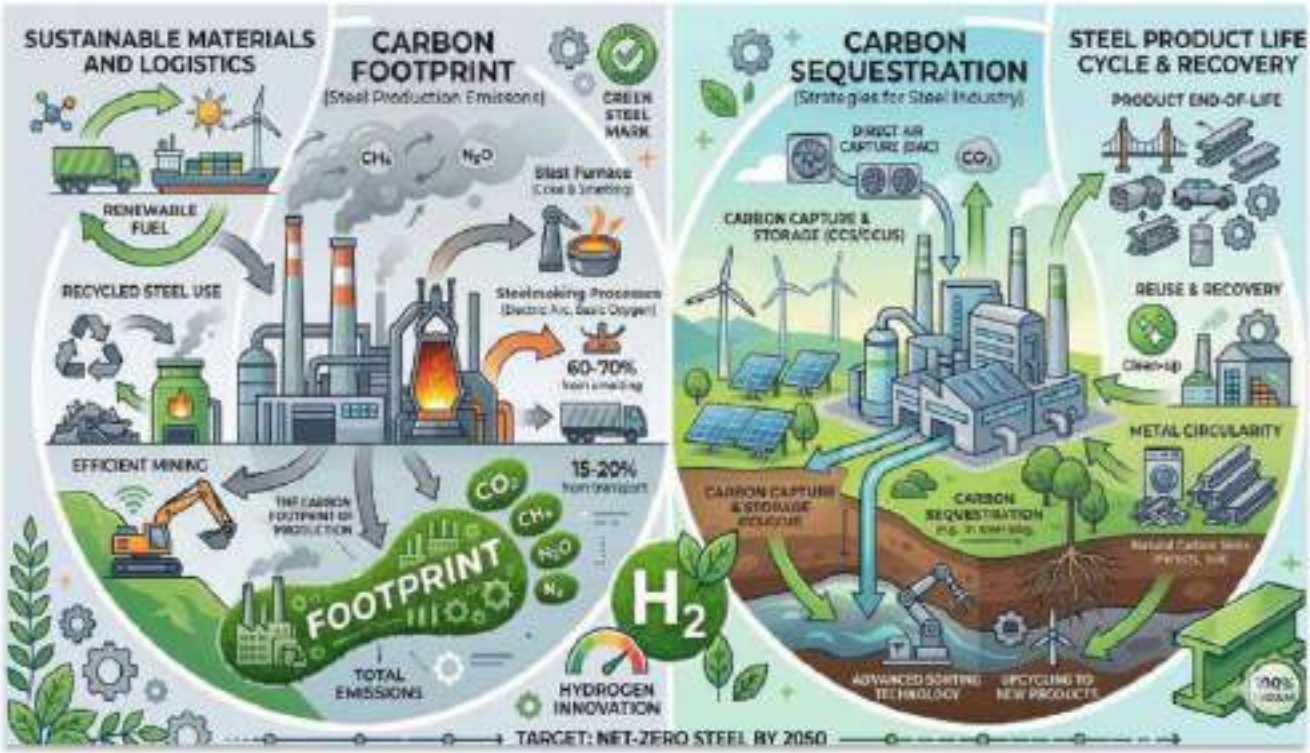
Area Personnel Manager
Sodepur Area

ANNEXURE-11

SPS STEELS ROLLING MILLS LTD.

Village – Poradiha, P.O – Pachhandapur, Dist. – Purulia, West Bengal

ASSESSMENT OF CARBON FOOTPRINT & CARBON SEQUESTRATION STUDY



For
Production of 0.120 MTPA Crude Steel/Stainless Steel and 0.1560 MTPA (Max.) Ferro-Alloys, Including All Allied Facilities.

INTRODUCTION

In 2015, the global response to the threat of climate change took a step forward when 190 nations adopted the Paris Agreement. In 2019, the United Nations announced that over 60 countries including the United Kingdom and the European Union (with the exception of Poland) had committed to carbon neutrality by 2050. Moreover, some nations have pledged to work toward earlier dates. Together, these agreements have led to growing pressure to pursue decarbonization across all industrial sectors.

India's Nationally Determined Contribution (NDC's) primarily targets by 2030 a reduction in the emissions intensity of Gross Domestic Product (GDP) by 33 to 35 percent; achieving about 40 percent installed power capacity from non-fossil fuel-based energy resources; energy efficiency; and creating an additional carbon sink of 2.5-3 billion tons of carbon dioxide equivalent through additional forest and tree cover.

Steel is one of the core pillars of today's society and, as one of the most important engineering and construction materials, it is present in many aspects of our lives. However, the industry now needs to cope with pressure to reduce its carbon footprint from both environmental and economic perspectives. Currently the steel industry is among the three biggest producers of carbon dioxide, with emissions being produced by a limited number of locations; steel plants are therefore a good candidate for decarbonization. While the industry must adapt to these new circumstances, it can also use them as a chance to safeguard its license to continue operating in the long term.

The direct CO_2 intensity of crude steel production has been relatively constant in the past few years. In contrast, in the Net Zero Emissions by 2050 Scenario it falls an average 4% annually between 2020 and 2030. Achieving this reduction and maintaining it after 2030 will not be easy. Potential for energy efficiency improvements will likely soon be exhausted. Thus, innovation in the upcoming decade will be crucial to commercialize new low-emissions processes, including those that integrate CCUS and hydrogen, to realize the long-term transformational change required. Governments can help by providing RD&D funding, creating a market for near-zero, Emissions steel, adopting policies for mandatory CO_2 emissions reductions, expanding international co-operation and developing supporting infrastructure.

In this report, the carbon footprints from different factors of ***SPS Steels Rolling Mills Limited*** will be determined and the carbon sequestration data from the unit will be accessed to have an insight on annual carbon emissions from the unit. This report also provides measures to further reduce the carbon emissions from the unit through implementation of new cleaner technological advances and sustainable environment methods.

CARBON FOOTPRINT

Carbon footprint (CF) is used to measure the impact of human activities on natural ecosystems, the relative size of human consumption on ecosystems, and it emphasizes on the effect of carbon emission of human energy activities on atmospheric environment. Based on different industries, different levels have been formulated and different greenhouse gases have been considered. Six kinds of greenhouse gas emissions such as CO_2, CH_4 and N_20 etc. produced by human activities in the country have been estimated. The carbon footprint is characterized in three levels:

- ⇒ The first level comes from the direct carbon emissions of the institution itself.
- ⇒ The second level expands the boundary to the direct carbon emissions of the Department that provides the energy sector.
- ⇒ The third level includes the direct and indirect carbon emissions of the whole life cycle of the supply chain.

Based on production data of ***SPS Steels Rolling Mills Limited*** and CO_2 Emission Factors for steel industry *(Source: Report on Greenhouse Gas Emissions from Major Industrial Sources -III Iron and Steel Production by International Energy Agency and USEPA)* the CO_2 emissions are calculated and carbon footprints are tracked in the unit. Following is the envisaged carbon emission calculations from *SPS Steels Rolling Mills Limited based on the emission factors.*

FACILITIES UNDER OPERATION:

- ⇒ Sponge Iron Division: Dri Kiln 4x100 TPD
- ⇒ Ferro Alloys Division: SEAF 1x9MVA
- ⇒ CPP Division: 10 MW (AFBC+WHRB)

OVERALL, CARBON FOOTPRINT OF EXISTING PROJECT:

Emission Factor based on 2006 IPCC Guidelines for National Greenhouse Gas Inventories. Following table shows the CO_2 emissions

1. **Sponge Iron Division (DRI Plant)**

Plant	Product	Production (T)	Emission factor	CO_2e emission (T)
DRI Division	Sponge Iron	58794	0.7	**41156**

Table 1: CO_2e Emission from DRI Division

2. **Captive Power Plant**

Plant	Required Fuel	Quantity (T)	Carbon Content (W/W)	Combustion Rate	CO_2e Emissions (T)
CPP	Dolochar	16710	0.25	95%	**14564**

Table 2: CO_2e Emission from CPP Division

3. Ferro Alloy Division

Plant	Product	Production Capacity (T)	Emission Factor	CO_2e Emissions (T)
Ferro Division	Si. Mn	6902	1.40	**9663**

Table 3: CO_2e Emission from Ferro alloys Division

Thus, the cumulative CO2e emitted from the Operational Facilities (Sum of Table 1 to 3) is 65,383 tons CO2e.

(Reference Point: Source: Report on Greenhouse Gas Emissions from Major Industrial Sources –III Iron and Steel Production by International Energy Agency and USEPA; Technical Support Document for the Ferroalloy Production Sector: Proposed Rule for Mandatory Reporting of Greenhouse Gases).

MITIGATION MEASURES TO REDUCE CARBON FOOTPRINTS

With the growing concern over climate change, steel makers are faced with the challenge of finding ways of lowering CO2 emissions without seriously undermining process efficiency or considerably adding to costs. The iron and steel industry are the largest industrial source of CO2 emissions due to the energy intensity of steel production, its reliance on carbon-based fuels and reductants.

The technological compendium of industries suggests the need to shift from traditional carbon intensive technologies for iron and steel production to low-carbon environment friendly technologies. Following are the measures which shall be adopted in coming years by the industries to reduce the overall carbon footprints-

- ⇒ Energy Monitoring & Management System
- ⇒ Adoption of Variable Voltage Variable Frequency (VVVF) Drives for high-capacity electric motors
- ⇒ Minimizing energy consumption and improving the energy efficiency of the process
- ⇒ Changing to a fuel and/or reducing agent with a lower CO2 emission factor;
- ⇒ Renewable energy sources like solar system shall be implemented in the industry up to a possible extent
- ⇒ Installing state of art cleaner technologies
- ⇒ Afforestation/Plantation and its maintenance.
- ⇒ Metallurgical wastes (Slag, Sludge, fines, dust) into Sintering contributes significantly for reducing carbon dioxide emissions
- ⇒ Supporting the deployment of Digital Product Passports (DPPs) in the downstream products and applications of steel (e.g., in construction and transportation industries) can improve the process of steel recovery and reuse. The design of DPPs usually contains product related information by manufacturers, including instructions on disassembly and dismantling. If followed correctly during the recycling or end- of-life phase of steel products, steel recovery rates can be enhanced.
- ⇒ The continuation and reinforcement of the promotion of sustainable means of transport for commuters, such as bicycles, public transport and, car-pooling would contribute to reducing carbon emissions.

MEASURES BEING TAKEN BY SPS STEELS ROLLING MILLS LIMITED, UNIT-II

- ⇒ The Company has taken some plan under this expansion proposal, which shall be considered as attempts towards clean technology.
- ⇒ Promoting minimum use of vehicles during plant visit.
- ⇒ Installation solar light system on the roof top of administrative building for office lighting purpose.
- ⇒ Increasing afforestation in and around the factory premises.
- ⇒ Installation of waste heat recovery boilers (WHRBs) and its optimum operations which contributes to reduce fossil fuel burning for power generation.
- ⇒ The most important and considerable point here is that SPS shall be generating 40 TPH power as green as cogeneration source of power by using sensible heat through Waste Heat Recovery Boilers (WHRBs) installed individual DRI Kilns (existing 4x100TPD)
- ⇒ The use of sensible heat generated during the sponge-iron-making process for power generation falls under criteria of green energy generation.
- ⇒ Thus, by using the green energy through WHRB SPS shall contribute in carbon sequestration with restricting the CO2 e Emission of 2,96,479.38 TPA. The United Nations Framework Convention on Climate Change also considers electricity generated through WHR System as green, therefore, such projects are eligible for earning carbon credits.
- ⇒ The continuation and reinforcement of the promotion of sustainable means of transport for commuters, such as bicycles, public transport and, most of all car-pooling would contribute to reducing carbon emissions.

ATTEMPTS TO REDUCE CARBON EMISSION/TO BRING DOWN CARBON INTENSITY

- ➢ Installation of waste heat recovery boilers (WHRBs) and its optimum operations which contributes to reduce fossil fuel burning for power generation.

These moves should be considered as its positive attempts to bring down Carbon intensity.

Moreover, the company proposes uses of Variable Frequency Drive ID Fans, Energy Monitoring & Management System, Regenerative Burners in Re-heating Furnace of Rolling Mills, Adoption of Variable Voltage Variable Frequency (VVVF) Drives for high-capacity electric motors, Installing state of art cleaner technologies.

CARBON SEQUESTRATION

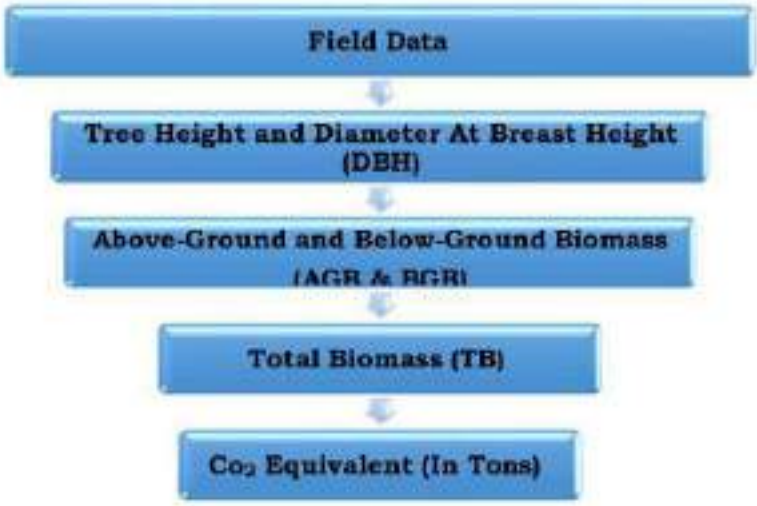
Carbon sequestration is defined as the removal of carbon dioxide from the atmosphere and storage in a system. Carbon sequestration is gaining its importance in carbon credit and trading. Identification of many CDM (Clean Development Mechanism) projects has offered special flexibility and relevance in the carbon reduction and has helped improve the national economy. These projects have estimated the quantity of carbon in various systems and their dynamics associated with it. With these estimations, several strategies and formulations have evolved quantifying and reducing the carbon foot print.

No doubt, carbon sequestration can be achieved through various systems, but trees form to be the largest terrestrial sink of carbon dioxide. Therefore, the plantation is granted as the most efficient and biggest terrestrial carbon sequestration method. Out of the five most important terrestrial carbon sequestration system (above ground biomass, below ground biomass, litter, wood debris, and soil organic carbon), the above and below ground biomass are the top two in the pool.

Biomass of trees develops when plants take in carbon dioxide from the atmosphere in the presence of sunlight and convert them into starch in their tissues. Several studies have revealed that the carbon content in these tissues is half their biomass. So, with their growth and development, trees go on sequestering CO2 from the atmosphere and store in their tissues as carbohydrates. This continues until the death of the tree. The rate of carbon sequestration is however maximum during the early stages of growth in trees when trees try to produce more and more amount of food to grow, meet the energy required by them and to stabilize in their respective environmental conditions.

ESTIMATION OF CARBON SEQUESTRATION POTENTIAL OF TREES

There are generally two methods to estimate carbon sequestration in plant biomass. Direct method that involves cutting of the tree and Indirect method that is calculated through the above ground biomass and below ground biomass method without slashing the tree. Being ethically and ecologically sound, the second method was preferred for the present study.



METHODOLOGY FOR CARBON SEQUESTRATION FROM TREES

The Girth at Breast Height (GBH) of the trees was measured using a measuring tape at a height of 1.96 m from the ground surface. The height of the trees was measured using reference method (referring to the height of a nearby building or tower), pencil method and angle method as per the convenience. The Above Ground Biomass (AGB) and Below Ground Biomass (BGB) were then calculated as per the formula is given below.

- Basal area (m2) = (GBH)2/4π
- Bio-volume (m3) = Basal area x Height of the tree
- AGB (kg) = Bio-volume x Wood density (kg/m3)
- BGB (kg) = AGB x 0.26 (Where 0.26 = Root to Shoot ratio)
- Total Biomass (TB) in kg/tree = AGB + BGB
- Total Carbon Sequestered (TC) in kg/tree = TB/2

The Carbon content in trees was taken on an average as 50% of the tree biomass. The wood density of the individual tree species was derived from secondary sources. The CO2 equivalent was calculated using the following formula:

- CO2e = (TC x 44)/12
- Where, 44 and 12 are the molecular and atomic weight of CO2 and C, respectively.

SPS Steels Rolling Mills Limited, Unit-II has planted 12500 trees covering the entire land.

The carbon sequestration by plantation shown in the following table -4:

Table: 4 Carbon Sequestration through greenbelt development in and around the plant premises of SPS Steels Rolling Mills Limited, UNIT-II

Sl. No.	Plant Species	Local Name	Periphery (cm.)	Basal Area (M2)	Height (M)	Basal Volume (M3)	Density (Kg/M3)	AGB (Kg)	BGB (Kg)	TB (Kg)	TC (Kg)	CO2e (Kg)	No. Tree	Total CO2e (Kg)
1	Azadirachta indica	Neem	68	0.037	5.5	0.202	900	182.24	47.38	229.62	114.81	420.96	150	63,145
2	Polyalthia longifolia	Debdaru	30	0.007	4	0.029	875	25.08	6.52	31.60	15.80	57.93	250	14,483
3	Acacia auriculiformis	Sonajhuri	48	0.018	5	0.092	625	57.32	14.90	72.23	36.11	132.42	800	1,05,936
4	Dalbergia sissoo	Shishu	59	0.028	6	0.166	800	133.03	34.59	167.62	83.81	307.30	250	76,826
5	Ficus benghalensis	Bot	78	0.048	7	0.339	700	237.35	61.71	299.07	149.53	548.29	200	1,09,657
6	Ficus religiosa	Peepal	95	0.072	7	0.503	700	352.09	91.54	443.63	221.82	813.33	200	1,62,666
7	Anthocephalus cadamba	Kadam	59	0.028	5	0.139	600	83.14	21.62	104.76	52.38	192.06	200	38,413
8	Mimusops elengi	Bakul	58	0.027	3	0.080	1008	80.99	21.06	102.05	51.03	187.00	300	56,128
9	Albizzia lebbeck	Sirsesh	85	0.058	8	0.460	630	289.92	75.38	365.30	182.65	669.72	1300	8,70,631
10	Cono Carpus	Cono Carpus	54	0.023	5	0.116	580	67.33	17.51	84.83	42.42	155.53	1800	2,79,950
11	Caesalpinia pulcherrima	Radhachura	64	0.033	4.5	0.147	530	77.78	20.22	98.00	49.00	179.67	1350	2,42,552
12	Delonix regia	Krishnachura	54	0.023	4.5	0.104	510	53.28	13.85	67.14	33.57	123.08	800	98,465
13	Lagerstroemia speciosa	Jarul	45	0.016	1.5	0.024	700	16.93	4.40	21.33	10.67	39.11	350	13,687
14	Millettia pinnata	Karanj	61	0.030	3.5	0.104	680	70.51	18.33	88.84	44.42	162.88	1300	2,11,740
15	Eucalyptus globulus	Eucalyptus	48	0.018	8	0.147	582	85.41	22.21	107.62	53.81	197.30	250	49,324
16	Bombax malvaceae	Simul	55	0.024	5	0.120	580	69.84	18.16	88.00	44.00	161.34	250	40,335
17	Alstonia scholaris	Chhatim	72	0.041	4	0.165	700	115.57	30.05	145.61	72.81	266.96	250	66,740
18	Wodyetiabi furcata	Fox Tail Palm	45	0.016	2.8	0.045	540	24.38	6.34	30.72	15.36	56.31	300	16,894
19	Artocarpus heterophyllus	Kathal	68	0.037	4.5	0.166	600	99.40	25.84	125.25	62.62	229.62	300	68,885
20	Syzgiumcumini	Jamun	68	0.037	4.2	0.155	700	108.24	28.14	136.38	68.19	250.03	250	62,507
21	Terminalia arjuna	Arjun	68	0.037	7	0.258	750	193.28	50.25	243.53	121.77	446.48	200	89,295
22	Areca catechu	Areca	68	0.037	3	0.110	880	97.19	25.27	122.46	61.23	224.51	250	56,129
23	Tecoma stans	Trikorna	68	0.037	3	0.110	580	64.06	16.66	80.71	40.36	147.98	300	44,393
24	Swietenia	Mehguni	68	0.037	4	0.147	750	110.45	28.72	139.16	69.58	255.13	300	76,539
25	Hibiscus rosa-sinensis	Hibiscus	38	0.011	2.5	0.029	700	20.12	5.23	25.35	12.68	46.48	300	13,943
26	Hyophorbe lagenicaulis	Bottle palm	68	0.037	3	0.110	900	99.40	25.84	125.25	62.62	229.62	300	68,885
							TOTAL						12,500	29,98,147

The total carbon sequestration by plantation is 1499 tons CO_2e.

Table - 04 shows that the total CO_2e sequestration potential from greenbelt development (12500 nos. trees) is estimated to be 1499 tons CO_2e. This number is aimed to be maintained on a yearly basis target by plantations & gap filling to reduce & sequestrate CO_2 e emissions.

INSTALLATION OF SOLAR FACILITIES:

M/s SPS Steels Rolling Mills Limited, Unit-II, has proposed to install 501 Kwp Solar panels to produce non-conventional green energy for office & auxiliary usage. It will be helpful in carbon sequestration as follows shown in Table 5(a) & 5(b). Installation solar panel is under progress.

Table - 5 (a)

The capacity of Solar Panel	501 Kwp
Av. Power Generation	0.09 MWh
Power generation in 24 hours (per day)	2.16 MW
Power generation in a yea	393.12 MW

Table - 5 (b)

CARBON SEQUESTRATION	
Av Coal consumption per MW	0.90 T
Total Coal consumption for 393.12 MW	353.81 T
Total Carbon as FC	237.05 T
Total CO_2e emission Sequestration	869.19 T

In addition to afforestation, installation of the solar panel shall contribute carbon sequestration up to 869.19 T CO2e i.e. more than 4 Ton/day as shown in table-05(a) & 05(b)

Thus, through various small-scale & large-scale methodologies, the organization aims to minimize its carbon footprint.

CONCLUSION

M/s SPS Steels Rolling Mills Limited, Unit-II is committed to reducing the overall Green House Gases and Ambient pollution levels by adopting cleaner technologies and carrying out ecological development activities. The company aims to reduce carbon emissions by introducing different energy-efficient technologies with usages of renewable energy resources,

Further, with the implementation of Carbon capture and storage (CCS) plants in steel industries, steel plants could progress to become near-zero emitters of CO_2. The commercial viability of CCS partly depends on the price of carbon emissions which is set by government policy. Developing new technologies, such as the HIsarna process, that are designed to generate a nitrogen-free and CO_2-rich off gas which will make CO_2 capture & control easier and cheaper.

To conclude, no single option can yield the necessary CO_2 emission reductions but a combination of technologies available can be retrofitted to achieve significant reductions, which is possible after commercial deployment of the same by the Government of India.

****

ANNEXURE-12

INTRODUCTION:

The project site of M/s SPS Steels Rolling Mills Limited, Unit-II is located at Vill - Poradiha PO-Pachhandapur, PS-Santuri, Tehsil Raghunathpur, District Purulia West Bengal having Latitude: 23°36'54.70"N to 23°37'35.38"N & Longitude: 86°52'49.06"E to 86°53'48.19"E.

Project site of SPS is well connected by road and rail. The nearest railway station is Madhukunda Railway Station which about 2.0 km in NW direction from project site

The last two decades have seen many technological innovations that have contributed to automated, more reliable and cost-effective safety management techniques, equipment and systems. Responsiveness & competence needs to be created among the Indian industry about tools & methodologies of safety techniques to understand and mitigate the hazards they are dealing with on a day-to-day basis, and create a safe working environment, for its own machinery, employees and community around. The code of practice on safety management system will be very useful for engineering industries in order to eliminate hazards and for providing safe work environment to employees.

The safety and protection of people, equipment and the environment is a serious concern in the engineering industries. Many industries have recognized the advantages of Safe Work Environment and are progressively adopting Safety Management System to prevent hazardous events, avoid production & manpower losses and other fallouts associated with industrial accidents. Safety management system also assists industries to enhance employee knowledge of operations, improve technical procedures, maintain accurate process safety information and increase overall facility productivity.

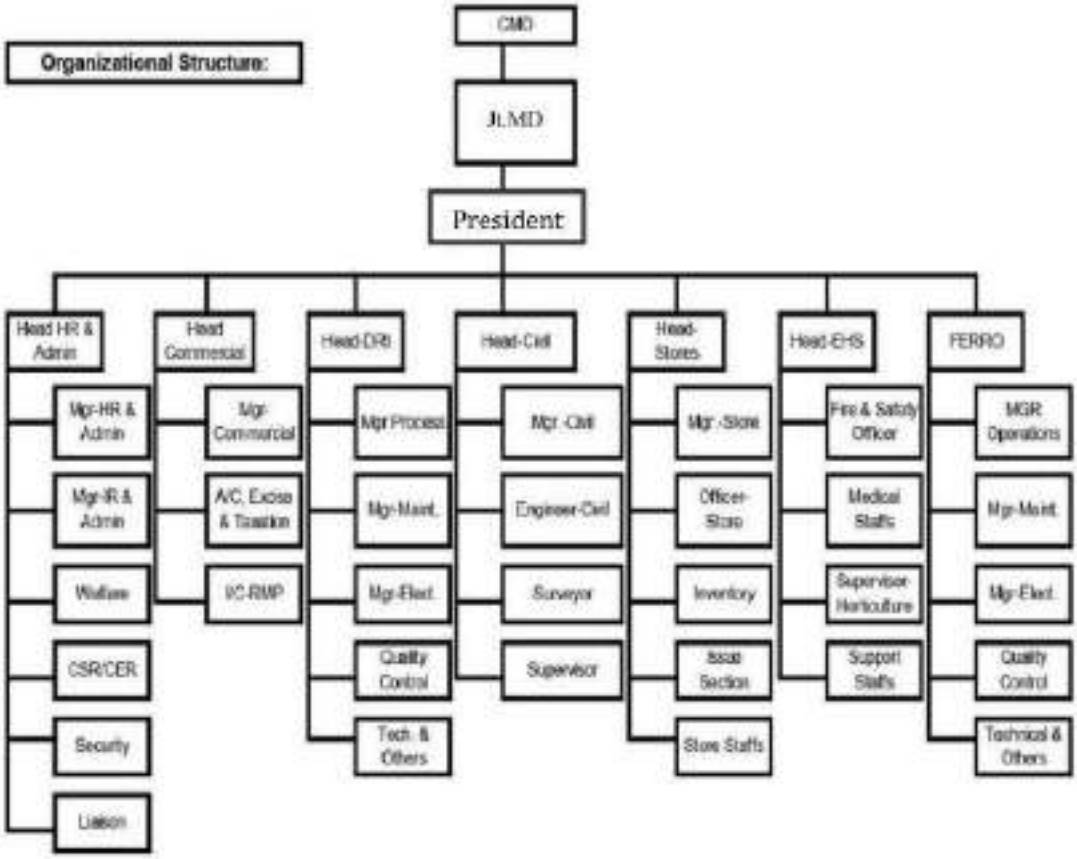
GENERAL INFORMATION ABOUT THE FACTORY:

M/s. SPS Steels Rolling Mills Limited (Unit II) is presently operating 4x100 TPD DRI Plant (10,000 TPM), CPP (10 MW) SAF (1x9MVA) on the basis of Consent to Operate from West Bengal Pollution Control Board at Village Poradiha, PO – Pachhandapur, PS – Santuri, Tehsil Raghunathpur, District Purulia, West Bengal. This plant has been taken over by The Shakambhari group from M/s Vikash Metal & Power Limited in the name of SPS Steels Rolling Mills Limited, vide Hon'ble Calcutta High Court order dated 07th October, 2021 and with completion of process of acquisition taken over the possession on 29th October, 2021. Shakambhari group, incorporated in the year 1996 by Mr. Deepak Kumar Agarwal, is one of the fastest growing integrated steel manufacturing company in Eastern India with its headquarter in Kolkata.

Presently, the company is having following facilities in operations

- DRI Kiln 4 x 100 TPD
- SAF 1 x 9 MVA
- CPP 1x10MW

ORGANIZATIONAL STRUCTURE OF THE COMPANY



Man Power

Maximum number of persons available in the plant at any point of time is as follows:

Persons working under various shifts

Sl. No.	Shift	Period	Average Employment/Day
1.	A	06:00-14:00 Hrs.	120
2.	B	14:00-22:00 Hrs.	120
3.	C	22:00-06:00 Hrs.	120
4.	G	09:00-18:00 Hrs. (Lunch Break: 13:00-14:00 Hrs.)	150
Total			**510**

Depending on requirements employees are called in different shifts and few employees are called on duty during national/festival holidays and off days.

Nature of Hazards in SPS

A steel industry is hazardous by its very nature. The nature of various hazards in SPS Plant is detailed below:

Hazards	Source
Fire Hazard	Spillage of Fuel Oil,
Explosion due to spillage of hot metal coming in contact with water	Spillage/Transfer of hot metal, or liquid steel
Heat radiation due to hot metal handling	Spillage of liquid metal, hot metal and hot slag
Accidents due to failure of Material Handling (lifting & carrying) Equipment	Connected with all Material Handling Equipment through EOT cranes

PROCESS DESCRIPTION (in brief)

- **DRI**

Sponge iron is manufactured through the coal-based route in which iron ore in converted into Sponge Iron or directly reduced iron in a rotary kiln using coal both as reductant and fuel.

Rotary kiln unit comprises of raw materials storage bins, rotary kiln, rotary cooler, product screening and magnetic separation units, After Burning Chamber and in-plant dedusting system.

Iron ore and coal, after proper sizing in the respective crushing and screening stations as well as sized dolomites are fed to the raw material day bins for kiln.

With the rotation of the kiln, the charge moves down the slope and the surface of material is exposed to heat and reducing atmosphere. The reduction from iron oxide to iron occurs by a gradual removal of oxygen at various temperatures under the controlled reducing atmosphere giving rise to various intermediate oxides.

Hot sponge iron is discharged from the kiln-discharge end and taken into the rotary cooler. The sponge iron after cooling is discharged through the cooler discharged chute into a heat resistant belt conveyor and carried into the product processing building. The product (Magnetic in nature) is screened and separated from char, which is not magnetic.

The gas generated, during the process, contains fine dust particles, which are captured and separated in ESP and clean gas discharged through stack.

- **Ferro Alloys Plant**

Generally, Ferro Alloys are used for making steels to improve the performance of steel as industrial product.

The Ferro alloys division is comprising of following five types of alloys:

- Ferro-Manganese
- Silico-manganese
- Ferro-silicon

The facilities within the ferro alloy plant is comprise of the following major units:

- Raw material handling system
- Furnace feeding system
- Submerged Arc Furnace
- Furnace tapping and casting
- Product handling system
- Electrical system
- Air Pollution Control System

Conveyor system is provided to feed the day bins for different Ferro Alloys Product. Vibrating feeders are located below each ground hopper, which transport the material on a vibratory screen through conveyor. In order to store the materials in individual bunker a reversible shuttle conveyor is provided on top of bunker.

Furnace feeding system

A conveyor is provided to collect the screened mixture of material from surge hopper on ground level and dump the same in to a feed hopper. The material from this hopper is being collected by a conveyor and transported to the telpher. By way of rotation this

telpher get aligned with charging bins and correction bins, which are located around the circumference of this rotation. Pneumatically operated slide gates are provided in each chute. These gates are operated from the central control desk.

Submerged arc furnace

One submerged arc furnaces of capacity 1x9 MVA have been considered. The furnaces are equipped with charge feeding hoppers, chutes, transformer, electrodes and Air pollution control system.

Furnace tapping and casting

The furnaces are tapped at an interval of about two and half hours considering eight numbers of heats per day. The tap hole is opened by oxygen lancing. Skimmer tapping arrangement provided to separate slag and metal. The liquid metal is being cast in moulds or in sand bed. The slag from the furnace is collected, cooled and disposed at suitable area allocated for slag disposal.

Product handling system

The solid cakes are broken in to smaller pieces manually in to required sizes. Suitable adjustment of breaking can change the product sizes to suit customer's requirement.

The products, classified according to sizes and grades of different Ferro Alloys will be stored in the dedicated storage areas. Sized product will be weighted, packed and kept ready for dispatch.

INVENTORY OF RAW MATERIALS

The inventories of raw materials used in the process are listed in the table below, which gives details of material stored. It contains maximum one- month storage for each substance in process and transferred to day tanks to meet daily consumption, it is because day tanks are connected to unit where it is consumed.

Maximum storage of capacity of raw materials

Sl. No.	Operating Unit	Raw Materials	Max. Storage Capacity (Metric Tons/Month)
1.	Sponge Iron Plant	Iron Ore	20000
		Coal	10000
		Dolomite	1000
2.	Sub Merged Arc Furnace (SAF)	Manganese Ore	3500
		Coke	600
3	Captive Power Plant	Coal Fines	1100
		Dolochar	2000

INVENTORY OF HAZARDOUS SUBSTANCES:

The inventory of Hazardous materials is mentioned below:

Sl No	Name Of Hazardous Substances	Maximum Storage Capacity
1	HSD for DRI kiln cold startup (Above Ground, fenced as per norms of explosive Authority)	1 X 20 KL

ONSITE EMERGENCY PLAN

Onsite and Offsite disaster preparedness and emergency management plan including risk assessment and damage control.

In a steel plant, the steel making process involves a number of hazardous processes starting from raw material handling, melting of iron ore, and converting iron into steel till the finished products. Also, the by-product plants, captive power plant, utilities & other auxiliary plants use considerable amount of combustible materials and these materials are stored in bulk storages like tanks, cylinders, drums, and gas holders etc., installed in the plant posing major risks.

The detailed study with concern to various possible hazards and their associated processes & equipment's has been identified. The list of these identified hazardous equipment in the plant is given in the following pages. The potential hazards from the above identified equipment and from the various hazardous operations/processes in the plant have been analyzed and the possible causes for occurrence of such hazards, likely consequences and the remedial action required are recommended.

Emergency Action Plan:

Emergency Planning begins with the identification and assessment of the principal hazards which are normally fire, explosion and toxic release. With the growing complexity of the process plants, more systematic and searching methods for risk identification and quantification have been developed over the years. Generally, the emergencies that occur in process plants are classified into two categories. The one whose effects remain within the boundary limits of the plant is known as On-Site Emergency and the one where the effects go beyond the boundary limits is known as Off-Site Emergency. In SPS, the requirements of the On-Site Emergency Plan are addressed due to fire hazard only.

This On-Site Emergency Plan is prepared for SPS Steels Rolling Mills Limited in accordance with the guidelines provided by the Ministry of Environment & Forests& Climate Change (MoEF&CC), Govt. of India, covering the various hazardous processes and the bulk storages of hazardous materials, toxic gases etc., in different departments.

HAZARD IDENTIFICATION AND DETAILS OF PROPOSED SAFETY SYSTEMS

Identification of Hazards

Hazard is in fact the characteristics of a system/plant/storage that presents potential for an accident and risk is the probability of occurrence of hazard. Hence hazard identification is of prime significance for the quantification of risk and for cost - effective control of accidents in any industrial installation. Various techniques of predictive hazard evaluation and quantitative risk analysis suggest identification of hazard has very important role in estimation of probability of an undesired event and its consequences on the basis of risk quantification in terms of damage to personnel, property and environment.

Hazards are mostly manifested in the form of fire/ explosion/ toxic release. Each anticipated hazard scenario associated in the unit is described along with its assessment of impact on plant and locality in the following table:

ANTICIPATED HAZARD SCENARIO:

Type of Hazard	Areas	Preventive / Mitigation measures
Pool fire/ ball fire	HSD Storage Tank	Dyke wall is provided around the tank. Regular monitoring being done to check out the leakage/spillage if any. Fire protection measures (Foam Trolley, DCP cylinder and hydrant system) are provided. Area is as "No Smoking Zone "
Dust	Raw material handling & storage yard	Raw materials are transported in the trucks with tarpaulin covers. Raw materials are kept on concreted land with tarpaulin cover. Water sprinkling facility is provided for dust suppression during material handling in the yard. Conveyor belts used for raw material feeding and carrying finished goods are properly covered. PPEs like nose mask, safety helmet, safety shoes and safety goggles are provided to persons, deployed for working in this area.
Noise	Turbine Generator hall, Blower house, Air compressor house, DG & Pump houses.	Equipment's are suitably covered in building with adequate ventilation to attenuate the noise level against outside exposure and area keeps generally unmanned, however working personnel are provided with ear plugs and ear muffs during inspections
Heat Exposure	DRI, SAF & CPP	Providing proper PPE like leg guards with shoes, Face shield, leather hand gloves, Leather Aprons, helmets etc. Thermal insulation for steam line. Providing fans, air blower and showers etc.
Acid exposure	DM Plant/ Laboratory	Acid and Base used are being kept on isolated place with proper leveling. Personnel handling these chemicals being well equipped with PPEs like rubber hand gloves, apron, nose mask, face shield/safety goggles, safety shoes etc. Once any person gets exposed to acid or base the affected parts are thoroughly washed with cold water and necessary first/medical aid is given to the victim.

IDENTIFICATION OF MOST CREDIBLE HAZARD SCENARIOS

All the anticipated hazard scenarios associated with the factory (as listed above) are critically analyzed and identified credible scenario is pool fire/ball fire if the HSD if comes in contact with flame or it may auto ignite at 225°C. Flash point of HSD is 32°C. Tank fire spreads vertically taking a conical shape due to rush of air from all directions.

Since the suitable firefighting system are provided to control emergency situations. On the basis of above consideration, the pool fire due to fire hazard in the storage tank is not considered as most credible scenario and risk of fire hazard is considered low because of safe operating practices.

Tank fire may be caused by lightening, but when tank leaks or overflows due to mal operation of instruments or negligence of operator and liquid gets ignited by chance; then this may be treated as a large pool fire and dealt as a common fire.

But in case of disaster due to natural calamities a disaster management team will come to action.

KEY PERSONNEL

Key personnel are the directed and nominated people, each having specified responsibilities as a part of a coordinated plan.

The main key personnel are:

- Works Incident Controller.
- Site Incident Controller.
- Works Main Controller.
- Other key personnel who have the key Role to play are senior personnel from all sections e.g. production, maintenance, laboratory, medical, transport, safety, security etc.

Role of Key Persons

Works Incident Controller (WIC)

The Works Incident Controllers are the departmental heads of respective divisions for DRI, CPP and SAF whose duties include the direction of the efforts and lead to onsite emergency response team to control the situation.

Since in the initial stages of emergency, the Works Incident Controller may be called on to take decisions involving the operations of other plants, it is necessary for the person selected to have a thorough knowledge of the overall works situation.

The person working as shift in-charge/manager i. e., an individual having overall control of the works processes for a shift shall work in the authority of WIC when the Works Incident Controller (WIC) may be off-site or affected by the emergency.

Site Incident Controller (SIC)

He will be available at the factory or in the colony nearby. At any point of time and on being informed about an accident, he has to:

- Intimate the Works Main Controller (WMC) and proceed to the emergency site.
- Take the necessary information from Combat Team Leader (CTL), assess the situation and call Rescue Team Leader (RTL) and Auxiliary Team Leader (ATL).
- Inform Works Main Controller (WMC) regarding the situation.
- Take necessary steps and provide guidance to Combat Team, Rescue Team, and

Auxiliary Team Leaders to mitigate the emergency situation.

- Examine for major emergency shutdown operation activities, decide safe escape route and announce for evacuation to Assembly Point.
- Inform Works Main Controller (WMC) about the status of the situation at regular intervals.

Works Main Controller (WMC)

The Works Main Controller is the GM-Commercial of the unit and is generally available in the factory or reside in the nearby except on tours. On emergency, he can reach work site at any odd hour within 30minutes time. In his absence, GM at Plant shall take up his charge as Works Main Controller (WMC)

In the major situation, decisions will have to be taken by Works Main Controller (WMC) by collaboration with the senior managers at works which may affect the whole or a substantial part of the works and senior officers of the outside services as per site situation.

After getting informed of an emergency situation WMC will rush to the emergency site, collect all information from SIC and

- Decide if emergency is to be declared and advise Site Incident Controller (SIC) accordingly and reach Emergency Control Room (ECR).
- Take decision to shut-down the plant if necessary to take up repair and other combating measures.
- Advise Rescue Team Leader (RTL)/Security Gate to blow the siren with appropriate code for declaration of emergency.

Emergency Siren

Twenty Seconds with a pause of Five Seconds for 5 times

- Advice (Auxiliary Team Leader) ATL for communication to statutory authorities and for mutual aid as required.
- Through Auxiliary Team Leader (ATL) shall ensure constant communication to statutory authorities and to mutual aid partners as required.
- Maintain continuous communication with Site Incident Controller (SIC) to review the situation and assess the possible course of action for emergency operations.
- To declare normalcy at the end of operation and advise Rescue Team Leader (RTL)/Security Gate to blow **"all clear siren"**

All Clear Siren will be blown for 1 minute continuously.

- Ensure the record keeping of emergency operations chronologically.

ESSENTIAL PERSONNEL

The Works Incident Controller/Main Controller will be supported by a Task Force of suitably trained people. The nature of essential works to be performed is:

- Shutdown of Plants
- Isolation, repairing of the affected equipment /pipeline etc.
- First Aid and removal of the injured persons to hospital.

COMBAT TEAM LEADER

He is the leader to attend to the emergency and is available in the factory or in the colony at any instant.

On being informed about an accident, he has to:

- Immediately rush to the site and lead the rescue team to control the situation.
- Inform Site incident controller (SIC) about the incident and request him to rush to the spot.
- Give the necessary instructions to the rescue team to combat the situation
- Co-ordinate the activities of team members and combat the emergency, so as to eliminate the root cause of the hazard.
- To arrest the leakage and spillage from various equipment, shut down the concerned equipment.
- Take necessary action to remove unwanted persons from the site of the incident.
- Keep informed about the developments to Site Incident Controller (SIC).

RESCUE TEAM LEADER

He is the person who conducts rescue operations and should be available at any instant. On receiving the information about the incident, he has to:

- Rush to site of emergency through safe route.
- Ensure presence of all his team members, availability of firefighting facilities and take necessary action to arrest the fires/leakage of gas.
- Arrange for safe escape of entrapped persons.
- Make necessary arrangements to send the affected persons for immediately medical attention through the medical officer.
- Search for the missing persons on the basis of roll call taken by Auxiliary team leader (ATL).

- Give the feedback to the site incident controller (SIC) about the developments.

AUXILIARY TEAM LEADER

He is the communication manager for the crisis management. On being informed of the emergency, he should proceed to Emergency Control Room (ECR) and:

- Keep in constant touch with works main controller (WMC) and Site Incident Controller (SIC).
- Inform the Statutory Authorities and District Administration.
- Communicate to mutual Aid Partners, Fire service stations at Asansol & Raghunathpur
- Send communications to Govt. Hospital and ESIC at Asansol for rendering services.
- Inform the relatives of causalities and send them to their residence or hospital as the case maybe.
- Take care of visit of the authorities to the Emergency site.
- Give feed back to work main controller (WMC) about the status with respect to his areas of activities.

Action Plan for Risk and Disaster Management

STEP NO	INITIATOR	ACTION TO TAKE
1.	The person noticing the emergency	• Inform the Security Gate and concerned Shift-in —charge immediately. Shift-in-charge will inform immediately to Combat Team Leader of concerned area.
2.	Combat team Leader (CTL)	• Inform Site Incident Controller (SIC) and rush to spot and organize his team. • Take charge of the situation, arrange for firefighting and medical first-aid available at site. • To start combating, shut-down equipments, arrest the leakage of gas/fire.
3.	Site Incident Controller (SIC	• Inform works Main Controller (WMC) and rush to emergency site. • Discuss with Combat Team Leader (CTL), assesses the situation and call the Rescue Team Leader (RTL) & Auxiliary Team Leade (ATL). • Organize the Rescue Team and Auxiliary Team and send the rescue Team to site.

		• Arrange to evacuate the unwanted persons and call for additional help. • Pass information to the works main controller (WMC) periodically about the position at site.
4.	Works main Controller (WMC)	• Rush to emergency site and observe the ongoing activities. • Take stock of the situation in consultation with the SIC. • Move to Emergency Control Room. • Take decision on declaration of emergency. • Advise Auxiliary Team Leader to inform the statutory authorities and seek help of mutual aid from partners as required. • Decide on declaration of cessation of emergency. • Ensure that the emergency operations are recorded chronologically.
5.	Rescue Team Leader (RTL)	• Consult with Site incident controller (SIC) and organize his team with amenities to arrest firefighting and medical treatment. • Rush to Emergency Site through safe route along with the team members. • Arrange to set off the fire by firefighting equipments and hydrant points to arrest the fire or to evacuate the area. • Shift the injured persons to hospital by ambulance after providing necessary first aid. • To inform the auxiliary team Leader for necessary help from mutual aid Partners.
6.	Auxiliary Team (ATL)	• On being directed by works main Controller (WMC) informs about the emergency to statutory authorities. • Seek help of Mutual Aid partners and Coordinate with Mutual Aid partners to render their services. • Arrange to inform the relatives of casualties. • Take care of visit of the authorities to the Emergency site.
7.	Team members	Each of the team members should follow the instruction of concerned team leader to mitigate the emergency.

Salient Hour Command Structure

- The Senior Officers/ Key Persons of the plant remain during day time i.e. 8 A.M. to 8 P.M. Hence the timing of 8P.M. to 8A.M. is considered as silent hour that to 10P.M. to 8A.M. is the crucial time. Still each and every unit/section of the plant is headed by shift in charge in the rank of Officer, Engineer or Sr. Engineer or Asst.

Manager, who shall be responsible for handling the emergency. The other supporting/services and emergency sections like Fire Service, Ambulance, Security, Personnel, Water Supply, Transport departments etc. are also running for 24 hours shift wise with shift in charge and crew to handle emergency during the silent hour till main command personnel arrives. However, most of the key persons of the main command structure reside in nearby area and can reach within minimum time.

- The command structure of the silent hour shall be same as during normal hour, however, during the silent hour, the operation Shift-in charge of the concerned area where the fire or leakage of gas has taken place, shall act as SIC-in-charge, till the arrival of actual designation members.

ACTIVATION & CLOSING PROCEDURE FOR ON-SITEEMERGENCYACTIVATION PROCEDURE

The person noticing the incident of fire or leakage of gas, shall inform about the location & nature of fire to the combat team Leader (CTL), security Gate and concerned Shift-in-charge.

Combat team Leader (CTL) shall inform site incident controller (SIC) and shall rush to the site immediately. He shall arrange for firefighting and first aid available at site. He shall arrange to take necessary steps to eliminate the root cause of fire.

Site incident controller (SIC) on getting information shall inform the WMC and reach the site at the earliest. He shall take over the charge and shall direct Rescue Team Leader (RTL)) to carry out rescue operations including firefighting and medical attention. Site incident controller (SIC) shall co-ordinate with Combat team leader (CTL) to eliminate the root cause of fire.

- Work main controller (WMC), on arrival at site shall take stock of the situation from site incident controller (SIC) and then rush to emergency control room (ECR) to declare emergency on the basis of assessment made by (Site incident controller (SIC). He shall give direction to the security gate/ (Rescue Team Leader) RTL to activate siren.
- Twenty seconds with a pause of five seconds for 5 times for fire Accident.
- 30 Seconds with a pause of five seconds for 5 times for leakage of gas.
- Rescue Team Leader (RTL) shall mobilize fire-fighting and medical resources to site and shall assist (Site incident Controller) SIC.
- Auxiliary Team Leader (ATL) shall take charge of Emergency Control Room (ECR), shall ensure smooth operation of ECR and shall inform relatives of casualties. Informs mutual Aid partners and ensures their arrival at site if required.
- Auxiliary Team Leader (ATL) informs statutory authorities and district

administration regarding emergency suitably and coordinates their visit at site.

- Works main controller (WMC) coordinates and keeps the track of all the activities at site and off the site and arranges the recording of the activities in a chronological manner for review of the Onsite emergency Plan.

Facilities Available For On-Site Emergency Plan:

Assembly Point

In any emergency it will be necessary to evacuate people from affected zones or the zones likely to be affected, to a safer place. Safer places are identified and designated as Assembly Points. Taking the area and hazard zones into consideration four assembly points have been marked in four different areas these are:

1- Near Administrative Building (Assembly Point-1)

2- Near DRI-RMP Area (Assembly Point-2)

3- Near CPP Area (Assembly Point-3)

4- Near SAF Division (Assembly Point-4)

Above the points are well connectable to the plant road and facilities like drinking water, temporary shelter and first aid is available there. These points are displayed at different places inside plant and near administrative building.

(a) Escape routes:

Escape routes are those that, allow reasonably safe passage of persons from the work area to assembly point during emergency situation. These routes would be different depending on wind direction, Fire and explosion scenario. Escape routes are ear marked on the drawings as well as on the routes, which will facilitate all for safe evacuation.

(b) Emergency Control Room (ECR):

The emergency Control Room is a place from which all emergency management operation are directed and coordinated. Also it is the place from where all communication will be established, with outside agencies and district authority also.

Facilities Available at ECR:

- Plant general Layout, ear marked with hazard zone, Assembly points and escape routes.
- List of working personnel in various shifts and general shift.
- Mobile telephone Nos., of emergency command structure personnel.
- Emergency command structure.
- Rhythmical siren code for different emergency situation.
- Relevant material safety data sheet.

- Emergency Control Room Register.
- First Aid Box with antidotes.
- Required personal protective equipment's with self-carrying breathing apparatus.

Facilities Available

Fire Hydrant System

Fire hydrant system is proposed with fire pumps to maintain the pressure of 7Kg/cm^2. In case of power failure, fire pumps are operated through DG set connection. Diesel pump will also be in place to operate hydrant system as per requirement. Pumps are connected with water storage tank to mitigate the water requirement for firefighting.

Fire Extinguishers

Required types of fire extinguishers are provided at different locations of the plant.

Fire Buckets

Fire buckets filled with dry sand are provided in different locations of the plant.

Siren

Company Has Siren/ hooter arrangement, which can be activated manually during fire related emergency.

Communication

For an effective communication inside the plant and public address, communication facilities are available. Telephone directory has been placed in all the departments.

Dispensary

An organized First-aid center with ambulance, stretchers, oxygen cylinder etc. is placed inside the factory. The First-aid Centre is manned by one Doctor/pharmacists, and one attendant. SPS has its own ambulance facility for any emergency situations. The first-aid center is manned round the clock. In the case of emergency, affected employees are being referred to nearby ESIC, Govt. hospital at Asansol or as required, and in serious case to the hospital tied up with the company.

First Aid Box

Company has provided First Aid boxes with required first aid medicines at different locations inside the plant to address minor injuries. First aid boxes are checked by the pharmacists once in a month & and medicines are filled/replaced. The first aid boxes are provided in the following locations:

DRI, CPP, Administrative building, SAF and Security Office.

DISASTER MANAGENENTPLAN

Introduction:

Disaster may be defined as a sudden occurrence of incidence in such a magnitude as to affect the normal pattern of life inside or in the vicinity of plant which has the potential of causing extensive injury of loss of life or damage to property and tend to cause disruption inside/outside the site.

Hazardous substances are being handled, generated and stored in increasing quantities a various manufacturing facility in recent years. This has posed a serious risk for the plant, persons and the environment encompassing thereof. The disasters following incidents in some industrial units handling hazardous substances in the last 2 to 3 decades has made it imperative for all concerned to device measures and implement them immediately and effectively to mitigate their adverse effects, if not, to totally eliminate them. The need to protect human being, the flora and fauna as well as our bio-diversity against these potential dangers has prompted the government for promulgation of various statutory provisions for preparation of hazard mitigation plans based on their risk impacts.

The Factories (Amendment) Act 1987 and manufacture storage and Import of Hazardous Chemical Rules- 1989 has provided regulation making mandatory for all owners of hazardous undertakings to prepare for their Onsite Emergency Plan in a pragmatic way and keep those well re-harassed for rapid action in actual crisis situation.

The goal of DMP is the effective containment of the emergency situation by proper mitigative action at the place of occurrence, cautioning people in adjoining affected localities; prompt rescue and provisions of medical aid to affected persons and communication to civil authorities for rushing in help from outside.

This objective being achieved by defining the functions and responsibilities of all concerned managerial, operational and supporting services department personnel with respect to detection and effective implementation of emergency action plan.

Objectives of Disaster Management Plan (DMP):

The objectives of DMP is to describe and spell out industry's emergency response actions that requires to be initiated to deal with various emergencies that could occur at the facility, with the response organization structure deployed in the shortest possible time. Thus, the objective of emergency response plan can be summarized as:

- ✓ Rapid control and containment of the hazardous situation. ✓

Minimization of the risk and impact of event / accident.

- ✓ Effective rehabilitation of the affected persons and prevention of damage to property.

Elements of DMP:

In order to effectively achieve the above-mentioned objectives, the critical elements of the DMP are:

- Reliable and early detection of an emergency and careful planning.
- The command, co-ordination, and response organization structure along with clearly demarcated line and staff function.
- The availability of resources for handling emergencies.
- Appropriate emergency response actions forecasted with least margin of error.
- Effective notification and communication facilities.
- Proper training of the concerned personnel.
- Regular review and updating of the DMP.

The DMP has been opened up with a foreword duly signed by the plant-in-charge.

Responsibility of Implementation of DMP:

Responsibility for establishing and maintaining an Emergency Preparedness Plan/DMP belongs to the Plant-in-charge. He is responsible for the control of the plan, and for ensuring that the plan is applicable and implementing procedures are operated during emergency situation and are reviewed and revised annually.

As a member of top management, he is responsible for the training of personnel to ensure that adequate emergency response capabilities are maintained in accordance with the plan. He is also responsible for ensuring the regular conduct of drills and other measures, as outlined in the DMP.

EMERGENCY COMMAND STRUCTURE

Works Main Controller (WMC)
Mr. Y. Sampath Kumar (Unit Head)

⇩

Works Incident Controller (WIC)
Mr. Sandeep Yadav(AGM-CPP)

⇩

Site Incident Controller (SIC)
1. Mr. Deepak Singh (GM-DRI)
2. Mr. Lalchand Ghorui (AGM-FERRO)
3. Mr. Santosh Jha (Manager-DRI QC)

⇩

Auxiliary Team Leader (ATL)	Combat Team Leader (CTL)	Rescue Team Leader (RTL)
1. Mr. R.K. Singh (AVP-HR, IR & Admin)	1. Mr. Shiv Shankar Das (Manager- CPP Electrical)	1. Mr. Ranjeet pal (Sr. Officer- Safety)
2. Mr. Indrajit Mukherjee (DGM-HR, IR & Admin)	2. Mr. Maidul Islam (DY. Manager-Ferro Production)	2. Mr. Mukesh Soni (Assistant Manager- CPP E & I)
3. Mr. Raj Kumar Ladia (AGM-Commercial)	3. Mr. Biswajit Das (Assistant Manager- DRI E&I)	3. Mr. Gourav Roy (DY. Manager-Ferro Electrical)
4. Mr. Partha Goswami (CSO-Security)	4. Mr. Bandan Mandal (AGM- land & Acquisition)	4. Mr. Deb Sagar Tiwari (Sr. Officer-Security)

Members	Members	Members
1. Mr. Mithlesh Singh (AGM-DRI Mechanical)	1. Mr. Shailendra Kumar Pathak (DY. Manager- CPP Mechanical)	1. Mr. Aloke Sarkar (Foreman- DRI Mechanical)
2. Mr. Fadrick Sanjay Asna (Manager- Store)	2. Mr. Tapas Roy (Sr. Supervisor-Housekeeping)	2. Mr. Nobin Kr. Mandal (Assistant Officer -Safety)
3. Mr. Batal Judhistir (DY. Manager-Ferro QC)	3. Mr. Sanuraga Somya Natha (Sr. Shift In-charge-DRI Electrical)	3. Mr. Sudhansu Sekhar Das (Jr. Supervisor-Safety)
4. Mr. Arup Mukherjee (Executive-Store)	4. Mr. Subhajeet Chatterjee (Assistant Manager -FERRO Mechanical)	4. Mr. Bhagaban Das (Sr. shift in charge-DRI Process)

TELEPHONE NUMBERS OF EMERGENCY COMMAND TEAM

Sl. No.	Name	Position in Team	Mob. Number	PAX. No.
1	Mr. Y. Sampath Kumar	Works Main Controller (WMC)	9163295511	
2	Mr. Sandeep Yadav	Works Incident Controller (WIC)	7067656075	
3	Mr. Lalchand Ghorui	Site Incident Controller (SIC)	9732087679	
4	Mr. Deepak Singh		9832607243	
5	Mr. Santosh Jha		9993505195	
6	Mr. R.K. Singh	Auxiliary Team Leader (ATL)	9147010378	
7	Mr. Indrajit Mukherjee		9564616725	
8	Mr. Raj Kumar Ladia		7596056380	
9	Mr. Partha Goswami		9348531048	
9	Mr. Shiv Shankar Das	Combat Team Leader (CTL)	7597055327	
10	Mr. Maidul Islam		8509613534	
11	Mr. Biswajit Das		9382850656	
12	Mr. Bandan Mandal		8250227478	
13	Mr. Ranjeet pal	Rescue Team Leader (RTL)	9575568793	
14	Mr. Mukesh Soni		9918173650	
15	Mr. Gourav Roy		9635780250	
16	Mr. Deb Sagar Tiwari		7542849981	

EMERGENCY CONTACT NUMBERS: SPS-II

Sl. No.	Name	Mob. No.	PAX No.
1	Factory Chief Security Officer	9348531048	
2	Factory Security Officer	7542849981	
3	Factory Medical Unit/OHC	8768609599	
4	Factory Ambulance	8981116036	
5	Govt. Ambulance Service	8170827589 / 9547536995	
6	Factory Safety Officer	9051355045	
7	District Magistrate	03252-222302	
8	Superintendent of Police	03252-222304	
9	Chief Medical Officer	03252-222480	
10	ADM (G),	03252-222120	
11	OC Disaster Management	7872488802	
12	Dy. Chief Inspector of Factories	0341-2252644	
13	Dist. Controller F & S	03252-222201	
14	Sub Divisional Office (Raghunathpur)	02351-255270	
15	Fire Station, Raghunathpur	8584027313/03251-203550	
16	Fire Station Asansol	0341-2304506	
17	Govt. Hospital	03251-255208	
18	Police Station (Santuri P.S.)	03251-282040	

ANNEXURE-13

SPS STEELS ROLLING MILLS LTD. (UNIT-II)

(A UNIT OF SHAKAMBHARI GROUP)

VILL. PORADIHA, POST- PACHANDAPUR, DIST - PURULIA, WEST BENGAL-723153

Health Checkup Details Of Employees

Date: 02-05-2025

Sl. No.	Employee Name (Mr.)	Father's Name (Shri)	Designation	D. O. B.	Parameters												
					Weight	PR	BP	CBG	Blood Group	RH Factor	ECG	X-Ray	Audiometry	Eye Vision (Distance)	Eye Vision (Near)	Colour Vision (Near)	Remarks
92	KRISHNA CH. BAURI	MUCHIRAM BAURI	HELPER	30-10-1980	48	80	118/85	85	O+	POSITIVE	NAD	NAD	RT-3000,LF-3000	6/6	N/6	NORMAL	
93	BHARAT SINGH	MOTILAL SINGH	HELPER	01-01-1970	82	88	107/66	110	A+	POSITIVE	NAD	NAD	RT-3000,LF-3000	6/6	N/6	NORMAL	
94	SANDEEP KR. YADAV	SRI SUDIBAR SINGH	AGM	27-10-1982	54	82	118/83	109	A+	POSITIVE	NAD	NAD	RT-2500,LF-2500	6/6	N/6	NORMAL	
95	MUKESH SONI	LATE PARESH NATH SONI	ASST. MANAGER	20/16/78	76	106	117/84	98	B-	NAGATIVE	NAD	NAD	RT-2500,LF-3000	6/6	N/6	NORMAL	
96	SHIV SHANKAR DAS	SATYA NARAYAN DAS	MANAGER	27-08-1987	72	98	127/94	99	B+	POSITIVE	NAD	NAD	RT-2500,LF-3000	6/6	N/6	NORMAL	
97	CHUNARAM MANDI	HAPRA MANDI	HELPER	31-07-1984	45	85	138/90	78	O+	POSITIVE	NAD	NAD	RT-3500,LF-3500	6/6	N/6	NORMAL	
98	ACHINTA TUDU	BANALAL TUDU	HELPER	29-08-1987	48	74	110/77	68	O+	POSITIVE	NAD	NAD	RT-2500,LF-3000	6/6	N/6	NORMAL	
99	BABON BASKEY	NUNULAL BASKEY	HELPER	31-05-2002	69	70	124/75	65	A+	POSITIVE	NAD	NAD	RT-3000,LF-3000	6/6	N/6	NORMAL	
100	ROHAN HEMBRAM	MASA HEMBRAM	HELPER	28-04-2001	47	70	124/75	82	O+	POSITIVE	NAD	NAD	RT-3000,LF-3000	6/6	N/6	NORMAL	
101	JYOTI PRAKASH BHAKTA	MANORANJAN BHAKTA	ELECTRICIAN	01-03-2004	72	112	121/77	78	O+	POSITIVE	NAD	NAD	RT-2500,LF-3000	6/6	N/6	NORMAL	
102	SOUMEN MAJI	GOUTAM MAJI	ASST. ENGINEER	23-11-1996	64	94	131/85	77	B+	POSITIVE	NAD	NAD	RT-3000,LF-3000	6/6	N/6	NORMAL	
103	BABLU BAURI	RAMPADA BAURI	CUTTER/WELDER	10-11-1996	65	102	121/77	68	AB-	NAGATIVE	NAD	NAD	RT-3000,LF-3000	6/6	N/6	NORMAL	
104	RAJA BAURI	LATE LAXMI NARAYAN BAURI	ENGINEER	10-09-1997	62	74	132/82	65	B+	POSITIVE	NAD	NAD	RT-2500,LF-2500	6/6	N/6	NORMAL	

DR. NIRAJ KUMAR KALOTIA
MD (Med)
Reg. No.- WBMC71665

SPS STEELS ROLLING MILLS LTD. (UNIT-II)

(A UNIT OF SHAKAMBHARI GROUP)

VILL. PORADIHA, POST- PACHANDAPUR, DIST.- PURULIA, WEST BENGAL-722153

Health Checkup Details Of Employees

Date: 10-05-2025

Sl. No.	Employees Name (Mr.)	Fathers Name (Shri)	Designation	D. O. B.	Parameters												
					Weight	Ht	BP	CBG	Blood Group	RH Factor	ECG	X-Ray	Audiometry	Eye Vision (Distance)	Eye Vision (Near)	Colour Vision (Test)	Remarks
105	ALOK SARKAR	KANAI SARKAR	FOREMEN	13-06-1987	68	78	129/88	70	B+	POSITIVE	NAD	NAD	RT-250B,LF-250B	6/6	N/6	NORMAL	
106	SAUEN MONDAL	BHAGIRAT MONDAL	JR.ENGINEER	02-04-2000	54	80	101/61	68	AB+	POSITIVE	NAD	NAD	RT-250B,LF-300B	6/6	N/6	NORMAL	
107	JAGDISH MAHATO	GURUPADA MAHATO	ASH. H. OPR.	03-01-2001	57	09	134/86	82	A+	POSITIVE	NAD	NAD	RT-250B,LF-250B	6/6	N/6	NORMAL	
108	PAWAN PANDIT	SR. SANJU PANDIT	ELECTRICIAN	16-01-1997	67	08	111/87	74	B+	POSITIVE	NAD	NAD	RT-250B,LF-250B	6/6	N/6	NORMAL	
109	DIPTI RANJAN JENA	NURUL JENA	SR.SI	25-02-1990	60	78	128/90	76	A-	NAGATIVE	NAD	NAD	RT-300B,LF-350B	6/6	N/6	NORMAL	
110	LAVLESH KR. YADAV	SRI MATADAS YADAV	2nd CLASS BOILER OPERATOR	18-07-1993	63	88	118/71	80	O+	POSITIVE	NAD	NAD	RT-300A,LF-300B	6/6	N/6	NORMAL	
111	ARVIND MONDAL	VIKASH KUMAR	A.S.I	02-01-2000	75	96	132/90	85	B+	POSITIVE	NAD	NAD	RT-300B,LF-300B	6/6	N/6	NORMAL	
112	NANDAN MONDAL	RAMANAND MONDAL	HR ASST.	06-12-1999	58	82	130/80	71	A+	POSITIVE	NAD	NAD	RT-300B,LF-300B	6/6	N/6	NORMAL	
113	AVISHEK SARKAR	N.G. SARKAR	AGM	04-09-1979	77	102	132/90	68	A+	POSITIVE	NAD	NAD	RT-300B,LF-300B	6/6	N/6	NORMAL	
114	MD. MAJIUL ISLAM	AZARUL ISLAM	ASST. MANAGER	25-04-1989	74	95	114/70	74	O+	POSITIVE	NAD	NAD	RT-300B,LF-300B	6/6	N/6	NORMAL	
115	ASHOK SHARMA	LATE SRI GANGA SAHAI	COMM. HEAD	19-04-1968	91	85	158/92	95	A+	POSITIVE	NAD	NAD	RT-300B,LF-250B	6/6	N/6	NORMAL	
116	ANKAJ KUMAR	SANJAY SINGH	ASST. OFFICER	30-12-1990	53	85	128/77	72	AB+	POSITIVE	NAD	NAD	RT-250B,LF-250B	6/6	N/6	NORMAL	
117	RAMA SHANKAR SINGH	SRI JAGANATH SINGH	GM	08-08-1969	100	70	140/90	78	O+	POSITIVE	NAD	NAD	RT-250B,LF-300B	6/2	N/12	NORMAL	

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SPS STEELS ROLLING MILLS LTD. (UNIT-II)

(A UNIT OF SHAKAMBHARI GROUP)

VILL. PORADIHA, POST - FACHANDIAPUR, DIST. - PURULIA, WEST BENGAL-722153

Health Checkup Details Of Employees

Date-[illegible]

Sl. No.	Employees Name (Mr.)	Fathers Name (Shri)	Designation	D. O. B.	Parameters												
					Weight	Ht	BP	CBG	Blood Group	HIV Factor	HBS	X-Ray	Audiometry	Eye Vision (Distance)	Eye Vision (Near)	Colour Vision (Test)	Remarks
118	LEMAN PENDRO	LATE B. PENDRO	AGM	05-07-1977	48	78	110/72	102	A+	POSITIVE	NAD	NAD	RT-3000,LF-3105	6/9	N/5	NORMAL	
119	SUPAL HANSDA	MANGAL HANSDA	WELDER/CUTTER	01-01-1988	56	88	130/90	98	O+	POSITIVE	NAD	NAD	RT-3100,LF-2100	6/9	N/5	NORMAL	
120	SANGRAM RAJBHAR	SHRI RAJBHAR	ASST. FITTER	01-01-1988	75	90	135/85	73	B+	POSITIVE	NAD	NAD	RT-3000,LF-3000	6/6	N/5	NORMAL	
121	MANOJ MAJI	HARADHAN MAJI	WELDER/CUTTER	15-08-2003	53	76	137/81	75	B+	POSITIVE	NAD	NAD	RT-3000,LF-3000	6/6	N/5	NORMAL	
122	RANJIT GHOSH	PARESH GHOSH	JR.ENGINEER	10-05-1997	44	72	127/67	63	B+	POSITIVE	NAD	NAD	RT-2500,LF-3000	6/6	N/5	NORMAL	
123	ROKY HAR	LAB HARI	ADMIN ASSISTANT	11-06-2002	58	85	114/71	65	O+	POSITIVE	NAD	NAD	RT-3000,LF-3000	6/6	N/5	NORMAL	
124	LALTU MONDAL	LATE SADHAN MONDAL	CHF OPR.	07-02-1980	64	91	138/91	78	O+	POSITIVE	NAD	NAD	RT-3000,LF-3000	6/6	N/5	NORMAL	
125	PRADYUMAN PARADA	JUTARAM PARADA	FOREMEN	31-01-1988	74	106	139/89	81	B+	POSITIVE	NAD	NAD	RT-3000,LF-3000	6/6	N/5	NORMAL	
126	TARUN JANA	NIRANJAN JANA	WELDER/CUTTER	18-12-2003	72	94	137/78	89	A+	POSITIVE	NAD	NAD	RT-3000,LF-3000	6/6	N/5	NORMAL	
127	KRISHNA PAL KARMAKAR	NIRUNJA KARMAKAR	HELPER	06-04-1997	60	88	135/77	74	AB+	POSITIVE	NAD	NAD	RT-3000,LF-3000	6/6	N/5	NORMAL	
128	ASHISH NANDI	MADHAB NANDI	HELPER	27-09-1995	77	82	140/81	78	O+	POSITIVE	NAD	NAD	RT-2500,LF-3000	6/6	N/5	NORMAL	
129	ANJAN VERMA	LATE R.N.C VERMA	SR. EXCUTIVE	26-04-1971	76	85	140/85	110	AB+	POSITIVE	NAD	NAD	RT-3000,LF-2000	6/6	N/5	NORMAL	
130	SUVANKAR DAS	DILIP DAS	OFFICER	16-04-1993	84	78	132/82	98	A+	POSITIVE	NAD	NAD	RT-2500,LF-2000	6/6	N/5	NORMAL	

DR. NIRAJ KUMAR KALOTIA
MD (Med)
Reg. No.- WBMC 71665

SPS STEELS ROLLING MILLS LTD. (UNIT-II)

(A UNIT OF SHAKAMBHARI GROUP)

VILL. PORADIHA, POST- PACHANDAPUR, DIST.- PURULIA, WEST BENGAL-723203

Health Checkup Details Of Employees

Date: 10.06.2024

Sl. No.	Employees Name (Mr.)	Fathers Name (Shri)	Designation	D. O. B.	Parameters												
					Weight	PR	BP	CBG	Blood Group	RH Factor	SOB	X-Ray	Audiometry	Eye Vision (Distance)	Eye Vision (Near)	Colour Vision (Test)	Remarks
131	MITHLESH PANDEY	RAMKIPAL PANDEY	OFFICER	01-12-1971	75	74	142/83	136	B+	POSITIVE	NAD	NAD	RT-2509,LF-3009	6/6	N/12	NORMAL	
132	MALOY NANDI	KHOKON CH. NANDI	EXCUTIVE	10-04-1980	74	92	123/82	89	A+	POSITIVE	NAD	NAD	RT-2509,LF-2509	6/6	N/6	NORMAL	
133	RAHUL KUMAR	ANUJ YADAV	SUPERVISOR	21-01-1994	72	85	121/78	73	B+	POSITIVE	NAD	NAD	RT-2509,LF-3009	6/6	N/6	NORMAL	
134	SUNNY VERMA	AKSHAY VERMA	TAIPURI	10-01-1996	50	94	115/80	76	O+	POSITIVE	NAD	NAD	RT-3009,LF-3009	6/6	N/6	NORMAL	
135	RIJU GORAI	BINANDA GORAI	DATE ENTRY OPR.	26-09-1998	52	76	125/71	70	O+	POSITIVE	NAD	NAD	RT-2509,LF-3009	6/6	N/6	NORMAL	
136	DEEPAK RAO	LATE RANJIT RAO	JR. OFFICER	19-10-1996	64	80	110/71	64	O+	POSITIVE	NAD	NAD	RT-3009,LF-3009	6/6	N/6	NORMAL	
137	AWANTAWANGO RAGHIT	LATE SUDHIR RAGHIT	ASST. MANAGER	07-02-1983	74	96	131/81	79	B+	POSITIVE	NAD	NAD	RT-2509,LF-2509	6/6	N/6	NORMAL	
138	VIVEKANANDA KAIBARTTA	SUDHADHAR KAIBARTTA	JR. FITTER	13-01-1989	58	75	118/79	74	B+	POSITIVE	NAD	NAD	RT-3009,LF-3009	6/6	N/6	NORMAL	
139	TAPAS CHAR	UJJWAL CHAR	DATE ENTRY OPR.	17-02-1986	58	72	112/76	76	O+	POSITIVE	NAD	NAD	RT-3009,LF-3009	6/6	N/6	NORMAL	
140	LALIN BAURI	SURESH BAURI	HELPER	28-12-1996	58	74	123/74	81	AB+	POSITIVE	NAD	NAD	RT-2509,LF-2509	6/6	N/6	NORMAL	
141	BAHUDHAR BAURI	DURJODHAR BAURI	HELPER	10-01-1982	45	96	126/75	79	A+	POSITIVE	NAD	NAD	RT-3509,LF-3509	6/6	N/6	NORMAL	
142	DEBASAGAR TIWARY	SWAPAN KR. TIWARY	OFFICER	02-01-1978	62	87	141/87	81	B+	POSITIVE	NAD	NAD	RT-2509,LF-3009	6/6	N/6	NORMAL	
143	PARTHA GOSWAMI	JAYANTA GOSWAMI	CSO	07-02-1977	71	95	141/92	98	O+	POSITIVE	NAD	NAD	RT-2509,LF-3009	6/6	N/6	NORMAL	

DR. NIRAJ KUMAR KALOTIA
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Reg. No.- WBMC 71665

SPS STEELS ROLLING MILLS LTD. (UNIT-II)

(A UNIT OF SHAKAMBHARI GROUP)

VILL. PORADIHA, POST- PACHAMBAPUR, DIST.- PURULIA, WEST BENGAL-723153

Health Checkup Details Of Employees

Date-10-05-2025

Sl.No.	Employees Name (Mr.)	Fathers Name (Shri)	Designation	D.O.B.	Parameters												
					Weight	PR	BP	CBG	Blood Group	RH Factor	ECG	X-Ray	Audiometry	Eye Vision (Distance)	Eye Vision (Near)	Colour Vision (Near)	Remarks
144	PRADIP KR. MAHATO	SUBODH CH. MAHATO	JR. ELECTRICIAN	08-03-1996	62	104	137/96	75	O+	POSITIVE	NAD	NAD	RT-30DB,LF-30DB	6/6	N/6	NORMAL	
145	INDRAJEET YADAV	SH ATMARAM YADAV	2nd CLASS BOILER OPERATOR	08-07-1989	57	112	141/90	71	O+	POSITIVE	NAD	NAD	RT-35DB,LF-30DB	6/6	N/6	NORMAL	
146	SUKUMAR HEMBRAM	LATE NABIN HEMBRAM	HELPER	02-02-1995	64	79	131/79	88	B+	POSITIVE	NAD	NAD	RT-30DB,LF-30DB	6/6	N/6	NORMAL	
147	TAHIR HUSSAIN	DAUT ANSARI	RAWM. SUPER.	10-03-1994	64	76	113/68	67	O+	POSITIVE	NAD	NAD	RT-30DB,LF-30DB	6/6	N/6	NORMAL	
148	ABINASH POREL	SITAL CH. POREL	SR. SAFETY OFFICER	06-08-1991	74	82	111/69	72	A+	POSITIVE	NAD	NAD	RT-25DB,LF-25DB	6/6	N/6	NORMAL	
149	SUKHARANJAN NANDI	MEGNATH NANDI	JR. SUPERVISOR	30-05-1997	58	82	105/61	85	B+	POSITIVE	NAD	NAD	RT-30DB,LF-30DB	6/6	N/6	NORMAL	
150	NOBIN KR. MONDAL	NARAHARI MONDAL	ASST. OFFICER	12-11-2001	69	81	113/74	76	A+	POSITIVE	NAD	NAD	RT-25DB,LF-25DB	6/6	N/6	NORMAL	

DR. NIRAJ KUMAR KALOTIA
MD (Med)
Reg. No.- WBMC71665

ANNEXURE-14

SPS STEELS ROLLING MILLS LTD.

Village – Poradiha, P.O – Pachhandapur, Dist. – Purulia, West Bengal

ELEGANT CARE FOUNDATION

REPORT ON CSR ACTIVITIES: SEPT.-25 TO MARCH -26.

Project	Segment	Activities	Villages Covered	Expected Outcome	Photographs
Women Sewing Training Institute	**Livelihood.**	we have started tailoring training institute at Beljuhpa and Poradiha since November 2023.	Poradiha Beljupa Chandurdih Manjhupra	Thirty-four trainees completed their sewing courses at this time. We will now start the second phase of our efforts to support women entrepreneurs. The primary goal is to empower financially disadvantaged women. Our future plan among the successful trainee we will form (Mahila Swanirvar Dal) from among the trainees who successfully passed our tailoring course. We provide cash as a "revolving fund" to support all groups that are buying fabrics and other raw materials, starting commercial production of blouses, petticoats, nighties and school dresses as ordered, and selling these items at local stores. This initiative aims to provide women with the skills and resources necessary to establish their own businesses, thereby promoting economic independence and improving their overall quality of life.	 

Tarpaulin Distribution Program	**Health, Drinking water & Sanitation.**	Following consultations with various regional stakeholders regarding flood relief efforts, we initiated a **Tarpaulin Distribution Program** in the Balitora Gram Panchayat to provide essential shelter support to affected communities.	Villagers Balitora Gram panchayat.	Around 76 numbers of Tarpaulin have been distributed among flood affected people in Balitora Gram Panchayet.	
Drinking Water Supply	**Health, Drinking water & Sanitation**	Drinking water distribution through water tankers in two villages. Supply of drinking water to beneficiaries during social rituals.	**Poradiha Beljhupa**	Through this initiative we have eradicate Drinking water scarcity of nearby village.	 
Construction work of Boundary wall of Poradiha Sonai Chandi Temple.	**Infrastructure Development**	As requested by different stakeholder of Poradiha we have been taken an initiative to construct a boundary wall around the famous Sonai Chandi Worship place.	**Poradiha**	First phase of boundary wall construction work has become finished.	

Construction work of Boundary wall of Poradiha Sonai Chandi Temple	**Infrastructure Development**	As requested by different stakeholder of Poradiha we have been taken an initiative to construct a boundary wall around the famous Sonai Chandi Worship place.	**Poradiha**	Second phase of boundary wall construction work has become work in progress. Now second phase of said work is still continuing.	
Renovation of Poradiha Community Centre	**Infrastructure Development**	We are utilizing their three-number room for our Women Sewing Training Institute Project. In this context, we are proposing to support this activity under our Infrastructure Development segment.	**Poradiha**	We have completed this activity on eve of their festival. In this medium we renovate our sewing Center, Poradiha.	  
Police naka checking at poradiha make a shed for on duty police rest purposes.	**Infrastructure Development**	As requested by different stakeholder of Poradiha police naka check post we have been taken an initiative to construct a shed & surrounding area development for civil construction.	**Poradiha**	A shed has been constructed for the on-duty police officer to rest at the naka check post & the area has also been developed.	

Drawing competition up to 5th class children at our sewing training centre .	**Livelihood.**	we have started drawing competition for children brain development & grooth for future improvement at Poradiha tailoring center.	**Poradiha**	We have completed this activity on children drawing competition & prize ceremony for development for another side for children	 
Women Sewing Training Institute surrounding area cleaning for development	**Health, safety & Sanitation.**	we have started tailoring training institute surrounding area cleaning & spray carbolic acid Beljuhpa and Poradiha since November 2024 to countinue.	**Poradiha** **Beljhupa**	The area around the tailoring centre has been cleaned, & this work is carried out every 3-4 moths to keep the area clean & prevent any overgrowth or bush formation.	 
Construction statue of Sidhu-Kanoo & Tilka Murmu with erection of stage.	**Infrastructure Development**	During a meeting with villagers & club members it was requested to construction statue of Sidhu-Kanoo & Tilka Murmu with stage at Beljhupa village near Sidhu-Kanoo Adivasi club.	**Beljhupa**	It was planned that the Elegant Care Foundation will look after the project under CSR, as this is related to preservation of culture of the tribal community. It was decided mutually agreed on meeting with club members the following work will be done in three phases.	

ANNEXURE-15

CORPORATE ENVIRONMENT POLICY

M/s SPS Steels Rolling Mills Limited, engaged in production of steel products, is committed towards sustainable development. The mission of **M/s SPS Steels Rolling Mills Limited** is to produce steel in an environment friendly manner and strive to:

- Integrate sound environmental management practices in all the activities.
- Conduct the operations in environmentally responsible manner to minimise pollution and its impact on environment.
- Comply with all applicable legal and other requirements related to environmental aspects of the operations and strive to go beyond. The Environmental Management Cell will be headed by EHS-HEAD.
- The company shall ensure that deviations from this policy and cases of violations/non-compliances of Environmental laws, if any, shall immediately be reported to the Board of Directors through Jt. Managing Director and shall identify and designate responsible person promptly for ensuring compliance with the Environmental laws and regulation.
- Conserve Energy, and other natural resources, minimize waste generation by promoting recovery, recycle and reuse practices.
- Increase greenery in and around the plant.
- Ensure continual improvement in environmental performance by setting and reviewing objectives & targets.
- Encourage environmental awareness amongst employees and general populace around the plant.
- Maintain transparency in the matters of Environmental Compliance.

The hierarchical system/administrative order to deal with the issues related to environmental Compliance shall be as follows:

For **M/S SPS Steels Rolling Mills Ltd.**

Director

ANNEXURE-16

নতুন রূপে সাজল গুপ্তপল্লি

Arrival April March 1, 2024

National Science Day celebrated

SHILLONG, FEB 28(--) The State Council of Science Technology and Environment (SCSTE), Meghalaya in Collaboration with the Meghalaya Science and the Meghalaya Department of Building Construction celebrated the National Science Day 2024 under the theme "Indigenous Technologies for Viksit Bharat" at the Inter Communities Cricket Shillong Stadium. Education minister cum minister cum parliamentary Chief Guest, Sanbor Shullai, Principal Secretary to Development Commissioner and head of Department of Science and Technology, T. D. Joint Secretary, Planning Department & Member Secretary SCSTE, Meghalaya and others.

Addressing the gathering Sanbor A Shullai said that it is good to see the enthusiasm of students and students for science and technology and information of Chief Ministers in science and technology. The minister cum of the government and cooperation of Science Education Indeed play a crucial role in motivating students and encouraging the next high. Keeping in mind the latest technologies and having a global standard in the society of society and technology be added.

The minister said the science is to and could lead but also equally important. Especially in science and technology. We have to make Innovation upon engaging and measurable. He said that supporting initiatives that make science accessible to everyone and promote a culture of curiosity and innovation. Addressing and promoting science which can be a long way in solving the challenges and facilities science. Emphasized the importance of interdisciplinary research and collaboration between different disciplines and technologies.

He also said that the government is committed to supporting initiatives that foster innovation and technological growth.

(UNI)

The Sentinel of India, March 1, 2024

ANNEXURE-17

SHAKAMBHARI GROUP
SPS STEELS ROLLING MILLS LIMITED
ELEGANT
CIN: L51909WB1981PLC034409 LEI No.: 335800Z2NC16VIDUE53 GSTIN: 19AAHCS8719G1ZW

O/C

To,
The District Magistrate,
Dist-Purulia, Govt. of West Bengal

Date: 04.03.2024

Sub: Information on grant of Environment Clearance (EC) for the Expansion of Sponge Iron Plant (1,20,000 to 15,84,000 TPA), Captive Power Plant (10 MW to 145 MW–WHRB, AFBC & CFBC Boiler), Ferro Alloy (1x9 MVA to 8x9 MVA), along with New Installation of Steel Melting Shop (10,05,000 TPA), Rolling Mill (9,97,500 TPA), Pellet Plant (2x2.4 MTPA), Sinter Plant (1,00,000 TPA), Jigging plant (1,65,000 TPA), Briquetting plant (3,00,000 TPA), Oxygen Plant (170 TPD) & Railway Siding by M/s SPS Steels Rolling Mills Limited at Vill-Poradiha, Chandurdi & Shunurhi, PO–Pachhandapur, PS–Santuri, Tehsil-Raghunathpur, Dist-Purulia, West Bengal

Ref: EC Letter vide File No. IA-J-11011/150/2022-II (IND-I) dated 26.02.2024

Dear Sir,

With respect to the subject and above cited reference this to inform that we have obtained Environmental Clearance (EC) from Ministry of Environment, Forest and Climate Change, Govt. of India, vide File No. IA-J-11011/150/2022-II(IND-I) date-26.02.2024 the Expansion of Sponge Iron Plant (1,20,000 to 15,84,000 TPA), Captive Power Plant (10 MW to 145 MW–WHRB, AFBC & CFBC Boiler), Ferro Alloy (1x9 MVA to 8x9 MVA), along with New Installation of Steel Melting Shop (10,05,000 TPA), Rolling Mill (9,97,500 TPA), Pellet Plant (2x2.4 MTPA), Sinter Plant (1,00,000 TPA), Jigging plant (1,65,000 TPA), Briquetting plant (3,00,000 TPA), Oxygen Plant (170 TPD) & Railway Siding by M/s SPS Steels Rolling Mills Limited at Village-Poradiha, Chandurdi & Shunurhi, PO– Pachhandapur, PS–Santuri, Tehsil-Raghunathpur, District-Purulia, West Bengal

In compliance of the 'Miscellaneous Condition No. ii' of the granted Environmental Clearance a copy of EC is attached herewith for your kind information and necessary consideration please.

Thanking you and with regards,

***For* M/s SPS Steels Rolling Mills Limited**

(Mrityunjoy Chattopadhyay)
Group HR Head (Shakambhari Group)

Encl: As above

SPS Steels Rolling Mills Ltd. Poradiha Purulia

Office of the Dist. Magistrate PURULIA (W.B.) RECEIVED - 7 MAR 2024 7/03/24

O/C

Date: 04.03.2024

To,
The Additional District Magistrate & DL and LRO
Dist-Purulia, Govt. of West Bengal

Sub: Information on grant of Environment Clearance (EC) for the Expansion of Sponge Iron Plant (1,20,000 to 15,84,000 TPA), Captive Power Plant (10 MW to 145 MW–WHRB, AFBC & CFBC Boiler), Ferro Alloy (1x9 MVA to 8x9 MVA), along with New Installation of Steel Melting Shop (10,05,000 TPA), Rolling Mill (9,97,500 TPA), Pellet Plant (2x2.4 MTPA), Sinter Plant (1,00,000 TPA), Jigging plant (1,65,000 TPA), Briquetting plant (3,00,000 TPA), Oxygen Plant (170 TPD) & Railway Siding by M/s SPS Steels Rolling Mills Limited at Vill-Poradiha, Chandurdi & Shunurhi, PO–Pachhandapur, PS–Santuri, Tehsil-Raghunathpur, Dist-Purulia, West Bengal

Ref: EC Letter vide File No. IA-J-11011/150/2022-II (IND-I) dated 26.02.2024

Dear Sir,
With respect to the subject and above cited reference this to inform that we have obtained Environmental Clearance (EC) from Ministry of Environment, Forest and Climate Change, Govt. of India, vide File No. IA-J-11011/150/2022-II(IND-I) date-26.02.2024 the Expansion of Sponge Iron Plant (1,20,000 to 15,84,000 TPA), Captive Power Plant (10 MW to 145 MW–WHRB, AFBC & CFBC Boiler), Ferro Alloy (1x9 MVA to 8x9 MVA), along with New Installation of Steel Melting Shop (10,05,000 TPA), Rolling Mill (9,97,500 TPA), Pellet Plant (2x2.4 MTPA), Sinter Plant (1,00,000 TPA), Jigging plant (1,65,000 TPA), Briquetting plant (3,00,000 TPA), Oxygen Plant (170 TPD) & Railway Siding by M/s SPS Steels Rolling Mills Limited at Village-Poradiha, Chandurdi & Shunurhi, PO– Pachhandapur, PS–Santuri, Tehsil-Raghunathpur, District-Purulia, West Bengal

In compliance of the 'Miscellaneous Condition No. ii' of the granted Environmental Clearance a copy of EC is attached herewith for your kind information and necessary consideration please.

Thanking you and with regards,

For **M/s SPS Steels Rolling Mills Limited**

(Mrityunjoy Chattopadhyay)
Group HR Head (Shakambhari Group)

Encl: As above

SPS Steels Rolling Mills Ltd. Poradiha Purulia

OFFICE OF THE DISTRICT LAND & LAND REFORMS OFFICER • PURULIA • RECEIVED But Contents are not verified Date 07.03.24

Date: 04.03.2024

To,
The Sabhadhipati,
Purulia Zilla Parishad,
Dist.-Purulia (WB)

O/c

Sub: Information on grant of Environment Clearance (EC) for the Expansion of Sponge Iron Plant (1,20,000 to 15,84,000 TPA), Captive Power Plant (10 MW to 145 MW–WHRB, AFBC & CFBC Boiler), Ferro Alloy (1x9 MVA to 8x9 MVA), along with New Installation of Steel Melting Shop (10,05,000 TPA), Rolling Mill (9,97,500 TPA), Pellet Plant (2x2.4 MTPA), Sinter Plant (1,00,000 TPA), Jigging plant (1,65,000 TPA), Briquetting plant (3,00,000 TPA), Oxygen Plant (170 TPD) & Railway Siding by M/s SPS Steels Rolling Mills Limited at Vill-Poradiha, Chandurdi & Shunurhi, PO–Pachhandapur, PS–Santuri, Tehsil-Raghunathpur, Dist-Purulia, West Bengal

Ref: EC Letter vide File No. IA-J-11011/150/2022-II (IND-I) dated 26.02.2024

Dear Sir,
With respect to the subject and above cited reference this to inform that we have obtained Environmental Clearance (EC) from Ministry of Environment, Forest and Climate Change, Govt. of India, vide File No. IA-J-11011/150/2022-II(IND-I) date-26.02.2024 the Expansion of Sponge Iron Plant (1,20,000 to 15,84,000 TPA), Captive Power Plant (10 MW to 145 MW–WHRB, AFBC & CFBC Boiler), Ferro Alloy (1x9 MVA to 8x9 MVA), along with New Installation of Steel Melting Shop (10,05,000 TPA), Rolling Mill (9,97,500 TPA), Pellet Plant (2x2.4 MTPA), Sinter Plant (1,00,000 TPA), Jigging plant (1,65,000 TPA), Briquetting plant (3,00,000 TPA), Oxygen Plant (170 TPD) & Railway Siding by M/s SPS Steels Rolling Mills Limited at Village-Poradiha, Chandurdi & Shunurhi, PO– Pachhandapur, PS–Santuri, Tehsil-Raghunathpur, District-Purulia, West Bengal

In compliance of the 'Miscellaneous Condition No. II' of the granted Environmental Clearance a copy of EC is attached herewith for your kind information and necessary consideration please.

Thanking you and with regards,

For **M/s SPS Steels Rolling Mills Limited**

(Mrityunjoy Chattopadhyay)
Group HR Head (Shakambhari Group)

Encl: As above

SPS Steels Rolling Mills Ltd. Poradiha Purulia

PURULIA ZILLA PARISHAD 07 MAR 2024 PURULIA

Date: 04.03.2024

To,
The General Manager,
D.I.C. Dist-Purulia (WB)

O/c

Sub: Information on grant of Environment Clearance (EC) for the Expansion of Sponge Iron Plant (1,20,000 to 15,84,000 TPA), Captive Power Plant (10 MW to 145 MW–WHRB, AFBC & CFBC Boiler), Ferro Alloy (1x9 MVA to 8x9 MVA), along with New Installation of Steel Melting Shop (10,05,000 TPA), Rolling Mill (9,97,500 TPA), Pellet Plant (2x2.4 MTPA), Sinter Plant (1,00,000 TPA), Jigging plant (1,65,000 TPA), Briquetting plant (3,00,000 TPA), Oxygen Plant (170 TPD) & Railway Siding by M/s SPS Steels Rolling Mills Limited at Vill-Poradiha, Chandurdi & Shunurhi, PO–Pachhandapur, PS–Santuri, Tehsil-Raghunathpur, Dist-Purulia, West Bengal

Ref: EC Letter vide File No. IA-J-11011/150/2022-II (IND-I) dated 26.02.2024

Dear Sir,
With respect to the subject and above cited reference this to inform that we have obtained Environmental Clearance (EC) from Ministry of Environment, Forest and Climate Change, Govt. of India, vide File No. IA-J-11011/150/2022-II(IND-I) date-26.02.2024 the Expansion of Sponge Iron Plant (1,20,000 to 15,84,000 TPA), Captive Power Plant (10 MW to 145 MW–WHRB, AFBC & CFBC Boiler), Ferro Alloy (1x9 MVA to 8x9 MVA), along with New Installation of Steel Melting Shop (10,05,000 TPA), Rolling Mill (9,97,500 TPA), Pellet Plant (2x2.4 MTPA), Sinter Plant (1,00,000 TPA), Jigging plant (1,65,000 TPA), Briquetting plant (3,00,000 TPA), Oxygen Plant (170 TPD) & Railway Siding by M/s SPS Steels Rolling Mills Limited at Village-Poradiha, Chandurdi & Shunurhi, PO– Pachhandapur, PS–Santuri, Tehsil-Raghunathpur, District-Purulia, West Bengal

In compliance of the 'Miscellaneous Condition No. ii' of the granted Environmental Clearance a copy of EC is attached herewith for your kind information and necessary consideration please.

Thanking you and with regards,

For **M/s SPS Steels Rolling Mills Limited**

(Mrityunjoy Chattopadhyay)
Group HR Head (Shakambhari Group)

Encl: As above

SPS Steels Rolling Mills Ltd. Poradiha Purulia

OFFICE OF THE GENERAL MANAGER DISTRICT INDUSTRIES CENTRE PURULIA
RECEIVED
07/03/24
Contained not verified

Date: 04.03.2024

To,
The Sub-Divisional Magistrate,
Raghunathpur Sub-Division
Dist-Purulia, Govt. of West Bengal

O/c

Sub: Information on grant of Environment Clearance (EC) for the Expansion of Sponge Iron Plant (1,20,000 to 15,84,000 TPA), Captive Power Plant (10 MW to 145 MW–WHRB, AFBC & CFBC Boiler), Ferro Alloy (1x9 MVA to 8x9 MVA), along with New Installation of Steel Melting Shop (10,05,000 TPA), Rolling Mill (9,97,500 TPA), Pellet Plant (2x2.4 MTPA), Sinter Plant (1,00,000 TPA), Jigging plant (1,65,000 TPA), Briquetting plant (3,00,000 TPA), Oxygen Plant (170 TPD) & Railway Siding by M/s SPS Steels Rolling Mills Limited at Vill-Poradiha, Chandurdi & Shunurhi, PO–Pachhandapur, PS–Santuri, Tehsil-Raghunathpur, Dist-Purulia, West Bengal

Ref: EC Letter vide File No. IA-J-11011/150/2022-II (IND-I) dated 26.02.2024

Dear Sir,
With respect to the subject and above cited reference this to inform that we have obtained Environmental Clearance (EC) from Ministry of Environment, Forest and Climate Change, Govt. of India, vide File No. IA-J-11011/150/2022-II(IND-I) date-26.02.2024 the Expansion of Sponge Iron Plant (1,20,000 to 15,84,000 TPA), Captive Power Plant (10 MW to 145 MW–WHRB, AFBC & CFBC Boiler), Ferro Alloy (1x9 MVA to 8x9 MVA), along with New Installation of Steel Melting Shop (10,05,000 TPA), Rolling Mill (9,97,500 TPA), Pellet Plant (2x2.4 MTPA), Sinter Plant (1,00,000 TPA), Jigging plant (1,65,000 TPA), Briquetting plant (3,00,000 TPA), Oxygen Plant (170 TPD) & Railway Siding by M/s SPS Steels Rolling Mills Limited at Village-Poradiha, Chandurdi & Shunurhi, PO– Pachhandapur, PS–Santuri, Tehsil-Raghunathpur, District-Purulia, West Bengal

In compliance of the 'Miscellaneous Condition No. ii' of the granted Environmental Clearance a copy of EC is attached herewith for your kind information and necessary consideration please.

Thanking you and with regards,

For **M/s SPS Steels Rolling Mills Limited**

(Mrityunjoy Chattopadhyay)
Group HR Head (Shakambhari Group)

Encl: As above

SPS Steels Rolling Mills Ltd. Poradiha Purulia

RECEIVED Without Verification Date 05/03/2024 Raghunathpur, Dist. Purulia

Date: 04.03.2024

To,
The Block Development Officer,
Santuri Development Block,
Dist.-Purulia (WB)

O/C

Sub: Information on grant of Environment Clearance (EC) for the Expansion of Sponge Iron Plant (1,20,000 to 15,84,000 TPA), Captive Power Plant (10 MW to 145 MW–WHRB, AFBC & CFBC Boiler), Ferro Alloy (1x9 MVA to 8x9 MVA), along with New Installation of Steel Melting Shop (10,05,000 TPA), Rolling Mill (9,97,500 TPA), Pellet Plant (2x2.4 MTPA), Sinter Plant (1,00,000 TPA), Jigging plant (1,65,000 TPA), Briquetting plant (3,00,000 TPA), Oxygen Plant (170 TPD) & Railway Siding by M/s SPS Steels Rolling Mills Limited at Vill-Poradiha, Chandurdi & Shunurhi, PO–Pachhandapur, PS–Santuri, Tehsil-Raghunathpur, Dist-Purulia, West Bengal

Ref: EC Letter vide File No. IA-J-11011/150/2022-II (IND-I) dated 26.02.2024

Dear Sir,
With respect to the subject and above cited reference this to inform that we have obtained Environmental Clearance (EC) from Ministry of Environment, Forest and Climate Change, Govt. of India, vide File No. IA-J-11011/150/2022-II(IND-I) date-26.02.2024 the Expansion of Sponge Iron Plant (1,20,000 to 15,84,000 TPA), Captive Power Plant (10 MW to 145 MW–WHRB, AFBC & CFBC Boiler), Ferro Alloy (1x9 MVA to 8x9 MVA), along with New Installation of Steel Melting Shop (10,05,000 TPA), Rolling Mill (9,97,500 TPA), Pellet Plant (2x2.4 MTPA), Sinter Plant (1,00,000 TPA), Jigging plant (1,65,000 TPA), Briquetting plant (3,00,000 TPA), Oxygen Plant (170 TPD) & Railway Siding by M/s SPS Steels Rolling Mills Limited at Village-Poradiha, Chandurdi & Shunurhi, PO– Pachhandapur, PS–Santuri, Tehsil-Raghunathpur, District-Purulia, West Bengal

In compliance of the 'Miscellaneous Condition No. ii' of the granted Environmental Clearance a copy of EC is attached herewith for your kind information and necessary consideration please.

Thanking you and with regards,

For **M/s SPS Steels Rolling Mills Limited**

(Mrityunjoy Chattopadhyay)
Group HR Head (Shakambhari Group)

Encl: As above

SPS Steels Rolling Mills Ltd. Poradiha Purulia

05/3/2024

Date: 04.03.2024

O/c

To,
The Sabhapati,
Santuri Panchayat Samity,
Dist.-Purulia (WB)

Sub: Information on grant of Environment Clearance (EC) for the Expansion of Sponge Iron Plant (1,20,000 to 15,84,000 TPA), Captive Power Plant (10 MW to 145 MW–WHRB, AFBC & CFBC Boiler), Ferro Alloy (1x9 MVA to 8x9 MVA), along with New Installation of Steel Melting Shop (10,05,000 TPA), Rolling Mill (9,97,500 TPA), Pellet Plant (2x2.4 MTPA), Sinter Plant (1,00,000 TPA), Jigging plant (1,65,000 TPA), Briquetting plant (3,00,000 TPA), Oxygen Plant (170 TPD) & Railway Siding by M/s SPS Steels Rolling Mills Limited at Vill-Poradiha, Chandurdi & Shunurhi, PO–Pachhandapur, PS–Santuri, Tehsil-Raghunathpur, Dist-Purulia, West Bengal

Ref: EC Letter vide File No. IA-J-11011/150/2022-II (IND-I) dated 26.02.2024

Dear Sir,
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In compliance of the 'Miscellaneous Condition No. ii' of the granted Environmental Clearance a copy of EC is attached herewith for your kind information and necessary consideration please.

Thanking you and with regards,

For **M/s SPS Steels Rolling Mills Limited**

(Mrityunjoy Chattopadhyay)
Group HR Head (Shakambhari Group)

Encl: As above

SPS Steels Rolling Mills Ltd. Poradiha Purulia

05/03/2024

Date: 04.03.2024

To,
The Balitora Gram Panchyat,
Santuri Development Block,
Dist.-Purulia (WB)

O/C

Sub: Information on grant of Environment Clearance (EC) for the Expansion of Sponge Iron Plant (1,20,000 to 15,84,000 TPA), Captive Power Plant (10 MW to 145 MW–WHRB, AFBC & CFBC Boiler), Ferro Alloy (1x9 MVA to 8x9 MVA), along with New Installation of Steel Melting Shop (10,05,000 TPA), Rolling Mill (9,97,500 TPA), Pellet Plant (2x2.4 MTPA), Sinter Plant (1,00,000 TPA), Jigging plant (1,65,000 TPA), Briquetting plant (3,00,000 TPA), Oxygen Plant (170 TPD) & Railway Siding by M/s SPS Steels Rolling Mills Limited at Vill-Poradiha, Chandurdi & Shunurhi, PO–Pachhandapur, PS–Santuri, Tehsil-Raghunathpur, Dist-Purulia, West Bengal

Ref: EC Letter vide File No. IA-J-11011/150/2022-II (IND-I) dated 26.02.2024

Dear Sir,
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In compliance of the 'Miscellaneous Condition No. ii' of the granted Environmental Clearance a copy of EC is attached herewith for your kind information and necessary consideration please.

Thanking you and with regards,

***For* M/s SPS Steels Rolling Mills Limited**

(Mrityunjoy Chattopadhyay)
Group HR Head (Shakambhari Group)

Encl: As above

SPS Steels Rolling Mills Ltd. Poradiha Purulia

Recd Roy 5/3/24

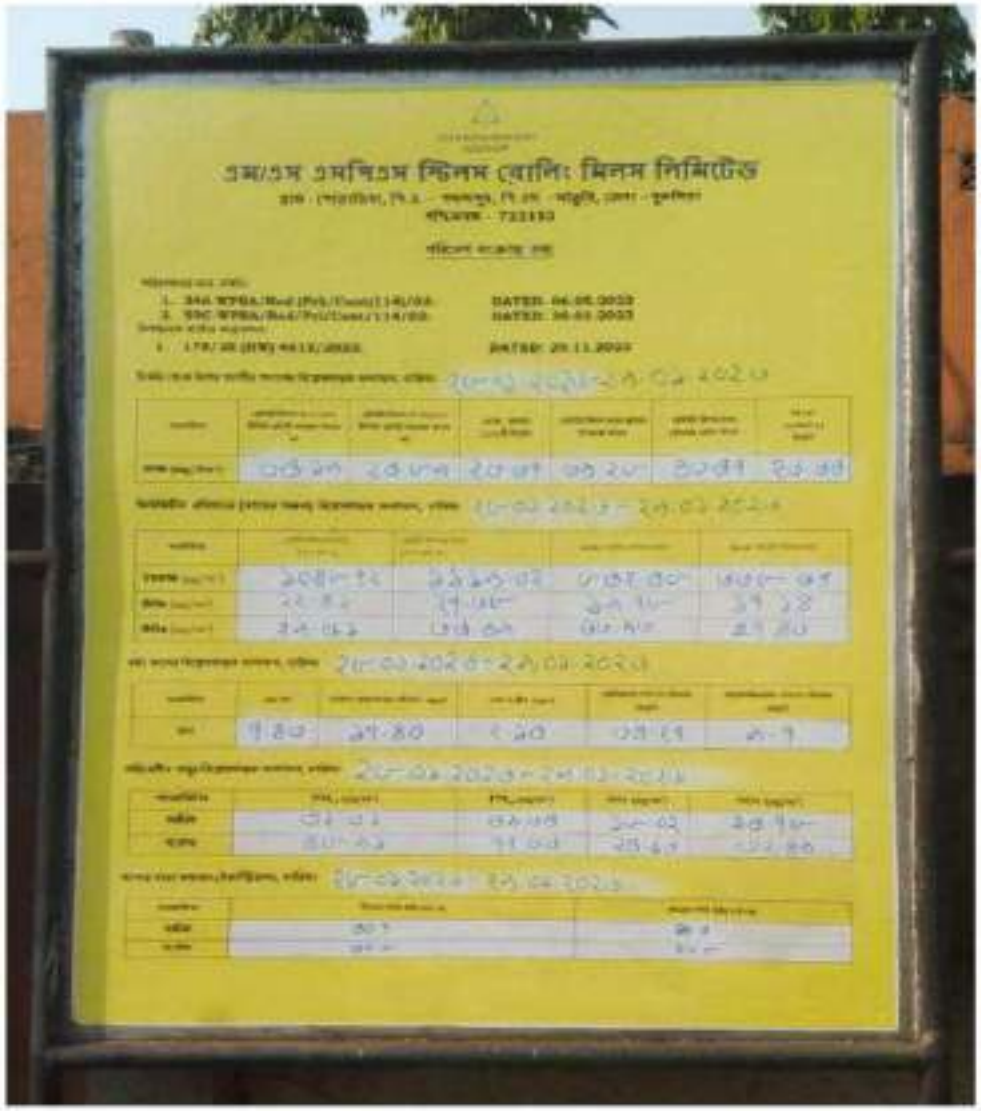
BALITORA GRAM PANCHAYAT OFFICE Estd-1978

ANNEXURE-18

SPS STEELS ROLLING MILLS LTD.

Village – Poradiha, P.O – Pachhandapur, Dist. – Purulia, West Bengal

ENVIRONMENTAL INFORMATION DATA DISPLAY BOARD



ANNEXURE-19

Outlook

Submission of Environmental Statement (Form-V) for FY: 2024-25 of M/s SPS Steels Rolling Mills Ltd., Unit-II, Vill-Poradiha, PO-Pachhandapur, Dist-Purulia (WB)

From R K Mishra <rk.mishra@shakambharigroup.in>
Date Fri 10/3/2025 6:15 PM
To ee11wbpcb-wb <ee11.wbpcb-wb@bangla.gov.in>
Cc Sub Office Kolkata <iro.kolkata-mefcc@gov.in>; Sanjeev Kumar Sachan <sanjeev.sachan@shakambharigroup.in>

1 attachment (2 MB)
SPS-2 Env. Statement_FY-2024-25.pdf;

Dear Sir,
With reference to the subject, we are submitting attached herewith the Environmental Statement (Form-V) for the financial year (2024-25) ending with 31st March, 2025 of M/s SPS Steels Rolling Mills Ltd., Unit-II, Vill-Poradiha, PO-Pachhandapur, Dist-Purulia (WB)-722153 for your kind consideration.
Kindly acknowledge our submission.

With regards,

Yours faithfully,

For SPS Steels Rolling Mills Ltd., Unit-II

R. K. Mishra
GM-EHS