Ref: -SPS-II /SMC/MOEFCC/OCT-2024 TO MAR-2025

Date- 14.06.2025

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 (Oct-2024 to March-2025) Compliance to Environmental Clearance conditions vide MoEFCC 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 Ma'am,
With reference to above subject, we are submitting herewith the six-monthly compliance report (Oct -2024 to March-2025) 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 that expansion project activities against EC 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.

Yours faithfully,

For **SPS Steels Rolling Mills Limited.**

Authorized Signature 14/06/2025

SPS Steels Rolling Mills Ltd. Poradiha Purulia

Encl: as above

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

SPS STEELS ROLLING MILLS LTD

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-2024 TO MARCH-2025

PROJECT LOCATION:

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

SPS Steels Rolling Mills Ltd. Poradiha 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-2024 to March-2025

S.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 shall be complied. Expansion Project activities is not started yet. SPS Steels Rolling Mills Ltd. (SPS) is committed to ensuring compliance with environmental protection measures as outlined in the documents submitted to the Ministry. For existing project environment protection measures like ESPs, Bag Filters, dust extraction system, fixed water sprinklers are installed and effectively operated. Water sprinkling on roads by mobile water tanker inside and outside of the plant premises being carried out during dry weather condition on regular basis. Greenbelt development and its maintenance, gap filling etc. being done on regular basis. Risk mitigation measured has been adapted and monitored by safety department of the company. Necessary PPEs being provided to working personnel.
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.	SPS shall ensure to adapt best available technologies available in the market. Our efforts are/shall be to reduce the carbon foot print with best possible efforts and it is being/shall be incorporated at initial stage of project implementation and discussions with technology providers. We shall ensure the dense afforestation and its proper maintenance as a major 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	It shall be complied with Implementation of expansion project. As an environmental safeguard SPS (SPS Steels Rolling Mills Limited) has already taken initiative of dense plantation to strengthen the green belt in and around the existing project as preventive measure against dust pollution facing the surrounding area villages. Compliant

SPS Steels Rolling Mills Ltd. Poradiha Purulia

	these locations in its environmental monitoring programme.	air monitoring being carried out through NABL accredited laboratory to evaluate the status on regular basis. Latest Ambient air quality monitoring report is attached as **Annexure-1.**
vi.	There is a seasonal nala inside the plant premises and a stream is flowing adjacent to the plant. Damodar River 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.	Noted, it shall be complied as per directions. Natural drainage of seasonal nala shall be protected from industrial activities. Proper drainage system and dense plantation shall be ensured to protect soil erosion.
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.	Noted, it is being/shall be complied as per directions. Project expansion activities yet to be started.
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. For existing project area, SPS has achieved the desired target of 33% greenbelt development by plantation of total Approx. 12600 plants including old plantations with tree density of approx. 2500 plants per hectare. Company has dedicated horticulture team to look after the green cover development and its post plantation care and maintenance. The construction for the proposed project units has not been started yet. It will be followed as per direction with implementation of new project. Compliance status in this regard, shall be submitted to Regional Office of the MoEF&CC with six monthly compliance report.
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. Shall be complied with implementation of expansion project. However, welfare activities for socio-economic development of nearby villages has been started as per need and requirement of the local people. Shall be complied with implementation of expansion project.
x.	PP shall undertake village adoption programme and prepare and implement the action plan to develop them into a model village.	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.

SPS Steels Rolling Mills Ltd. Poradihar Purulia

		The construction for the proposed project has not started yet. It will be followed as per direction with implementation of new project.
xi.	PP shall carry out the periodical monitoring of soil quality in nearby villages as a part of post project compliance monitoring work.	Noted Shall be complied with implementation of expansion project. Expansion project activities has not been started yet.
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 adhered.
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.	24x7 continuous emission monitoring system (CEMS) at process stacks of existing project has been installed. It shall also be complied with implementation of expansion project as per directions. Stack emission status and Ambient Air Quality Monitoring being done periodically through NABL accredited laboratory to evaluate status of stack emission & Ambient Air Quality. Latest ambient air quality & stack emission monitoring report are attached as **Annexure -1&3.**
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.	It is being/shall be complied. Ambient air monitoring report attached as **Annexure-1**
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 and monitored through NABL accredited laboratory. Latest fugitive emission monitoring report for existing plant is enclosed as **Annexure-2.**
iv.	Sampling facility at process stacks shall be provided as per CPCB guidelines for manual monitoring of emissions.	It has been complied for existing project. Sampling facility at process stacks has been provided as per CPCB guidelines for manual monitoring of emissions and shall also be complied for expansion project.

SPS Steels Rolling Mills Ltd. Porsadina Patna

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.	For Exiting plant, Air pollution control devices i.e. ESPs and bag filters along with dust extraction and water sprinkling system for dust suppression have been installed and efficiently operated to control emission level well within the norms. It shall also be implanted with implementation projects. Third party monitoring by NABL accredited laboratory being conducted periodically to evaluate the emission levels. Latest stack emission and fugitive emission monitoring report is enclosed as **Annexure-3 and Annexure-2.**
vi.	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	Being complied. Skilled manpower looks after and regularly monitor the operation and maintenance of bag filters. It shall also be complied with expansion project.
vii.	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.	Existing plant roads and shop floors being cleaned on regular basis. Mobile or stationery vacuum cleaners shall be provided with implementation of upcoming new 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.	All raw material transportation vehicle being/shall be covered with tarpaulin while transportation of raw materials to prevent any kind of spillage.
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.	To ensure optimal use of raw material & minimal solid waste generation, recycle & reuse practice already been adopted. However, in DRI unit Iron Pellet is preferred as raw material and iron fines generated/collected from pollution control devices being provided to pellet making plant and coal fines being provided to power generating unit for captive power generation. Briquetting and sinter plant shall be installed with expansion project.
x.	The project proponent shall provide primary and secondary fume extraction system at all heat treatment furnaces.	It shall be followed as per direction with implementation of new project. At present there is no SMS unit with exiting project.
xi.	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.	Proper water sprinkling being done over stock piles of raw materials, tall species plantation has been done to act as wind shelter fence and barrier against dust emission from the yard. It shall be implanted with implementation of expansion projects as per direction.
xii.	Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.	It is compiled and shall also be complied with upcoming expansion project facilities.
xiii.	Pollution control system in the plant shall be provided as per the CREP Guidelines of CPCB.	It is Being/shall be followed.

SPS Steels Rolling Mills Ltd. Pollution Cell

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.	Environment protection measures like ESPs, bag filters (bag houses) dust extraction system, fixed water sprinklers are installed and effectively operated. Water sprinkling on roads by mobile water tanker inside and outside of the plant premises being carried out during dry weather condition on regular basis to supress the suspended dust emission to the atmosphere. Greenbelt development and its maintenance, gap filling has been done on regular basis. Covered transportation of raw materials being done. Battery operated cars have been procured to reduce the vehicular emission and to promote use of cleaner fuel. These facilities along with Fog/Mist water cannon truck mounted shall be provided with implementation of expansion project.
xv.	Bag filters shall be cleaned regularly and efficiency of bag filter system shall be monitored at regular intervals.	Company has technically qualified team for each & every separate division for operation, maintenance & monitoring of the bag filter efficiency and other pollution control devices on regular basis. It shall also be complied with implementation projects.
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 being compiled for existing plant. As per direction, it will also be followed for coming new 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, it shall be complied. Already installed (existing) projects complies with emission standards as stipulated in CTO by West Bengal Pollution Control Board. For proposed expansion project pollution control devices shall be installed so as to control emission level from process stacks less than 30 mg/Nm3
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.	It is being compiled for existing plant. Sufficient nos. of fixed type water sprinklers for dust suppression in raw material & product handling areas along the conveyor, finished product house area, cooler discharge, Coal Handling Plant (CHP), along with Kiln axis Coal, Iron Ore, Fly Ash handling area and all other dust prone areas. Installation of Fog/mist sprinklers shall also be done for the units with expansion project at required points. Materials being transported in covered vehicle. Wheel washing mechanism shall be provided at suitable place with upcoming new project as per direction. Concretization and paver making within the plant is under active progress. It also supports the fugitive emissions due to vehicular movements. Photographs of RCC roads and paver blocked area are attached as **Annexure-4.**

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xix.	Briquetting and Jigging plant shall be installed in Ferro Alloys Plant.	Noted, it shall be complied.
xx.	The PP shall minimize the evaporation losses in jigging operation to less than 10% using suitable advanced process.	Noted, efforts shall be made to minimise the evaporation losses during jigging operation after implementation.
xxi.	The 4th hole extraction system shall be provided in the Sub Merged Arc Furnaces and EAF.	It has been existing project and shall also be implemented with upcoming new 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. The construction for the proposed project has not been started yet. As per direction, it will be followed for expansion project. Work zone monitoring report through NABL accredited laboratory being periodically carried out and attached as **Annexure-2**
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 emission is being monitored by NABL accredited laboratories Latest fugitive air monitoring report is attached as **Annexure-2.**
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. It shall be implemented. The construction for the proposed project has not been started yet.
xxvi.	Low NOx Burners will be installed at Reheating Furnace for control of Gaseous emissions generated while using PNG.	It shall be complied with implementation of proposed project.
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.	Company has adapted recycle and reuse practice and no industrial effluent being discharged outside the factory premises. This practice shall also be adapted for new expansion project.
ii.	The project proponent shall monitor regularly ground water quality at least twice a year (pre- and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and	It is being complied/shall be complied for coming new project as per direction.

	adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.	Latest ground water monitoring report, based on sample taken from the village is attached as **Annexure-5.**
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.	Impervious flooring of stockyard has been done and shall be ensured with garland drain as per direction so as to trap the run off materials. However, for existing project raw material like coal, and sponge iron are kept under the shed and those kept outside under open sky being covered under tarpaulin. Water sprinkling being done for dust suppression.
iv.	Water meters shall be provided at the inlet to all unit processes in the plants.	It is being compiled for existing plant. As per direction, it shall also be followed for coming new expansion project.
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 for existing project and shall be complied for coming new project as per direction. Recycle and reuse practice has been adopted and no industrial effluent being discharged outside the factory premises. This practice shall also be adapted for new expansion project.
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 compiled for existing plant. As per direction, it will be followed for coming new project. STP shall be installed for the treatment of domestic sewage effluent and treated effluent shall be used for greenbelt/green cover development. Latest Industrial Effluent Water analysis report is enclosed as **Annexure-6.**
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 It is being compiled for existing plant. As per direction, it will be followed for coming new project.
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 implemented.
x.	Air Cooled condensers shall be used in the captive power plant.	Noted. As per direction 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.	Noted It is being compiled for existing plant. As per direction, it will be followed for coming new expansion project. Latest ambient & work zone noise monitoring report are enclosed as **Annexure 7A** & **Annexure 7B.**

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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.	It is being compiled for existing plant. As per direction, it will be followed for new expansion project. Latest Ambient Noise Monitoring report are enclosed as **Annexure-7A.**
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.	For existing project, Personal Protection Equipment (PPE) like safety shoes, hand gloves, face shield, apron etc. being provided to the workmen deployed in hot work zone for minimal hot exposure. Heat Stress analysis shall also be carried out.
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, it shall be complied as far as possible.
ii.	Restrict Gas flaring to < 1%.	Noted. It shall be followed upon implementation proposed project. No Gas flaring being done with existing operations.
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;	Noted. We have installed 501 kWp solar panel at existing project and it is effectively under operation. It shall also be our pathway of power generation from renewable energy sources during implementation of new project.
iv.	Provide LED lights in their offices and residential areas.	It is being compiled for existing plant. As per direction, it will be followed for coming new 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 is proposed and shall be complied with best possible efforts after execution of proposed project facilities i.e. SMS and rolling mills.
vii.	Ensure installation of regenerative type burners on all reheating furnaces.	Noted. Installation of regenerative type burners on all reheating furnaces shall be ensured.
viii.	The project proponent shall provide waste heat recovery system on the DRI Kilns.	It is being compiled for existing plant. As per direction, it will be followed for coming new project.
ix.	The dolochar generated shall be used for power generation.	It is being compiled for existing plant. As per direction, it will be followed for coming new project.
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.	It shall be compiled after implementation of producer gas plant project.
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 be followed for coming new project.
VI.	**Waste management**	
i.	Oil Collection pits shall be provided in oil cellars to collect and reuse/recycle spilled oil.	Noted. It has been complied compiled for existing plant. As per direction, it will also be followed for coming new project.
ii.	Kitchen waste shall be composted or converted to biogas for further use.	Noted. It is being compiled for existing plant. As per direction, it will be followed for coming new project.
iii.	100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick	It is being compiled for existing plant. As per direction, it will be followed for coming new project. Company

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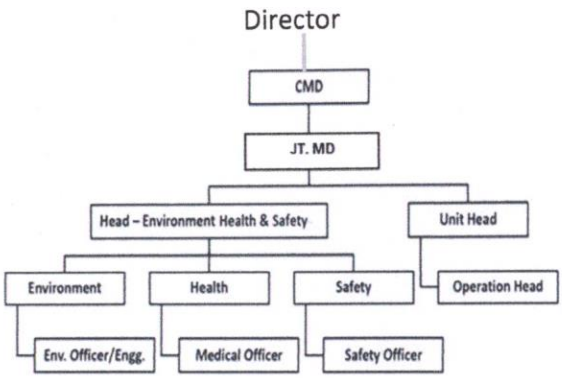
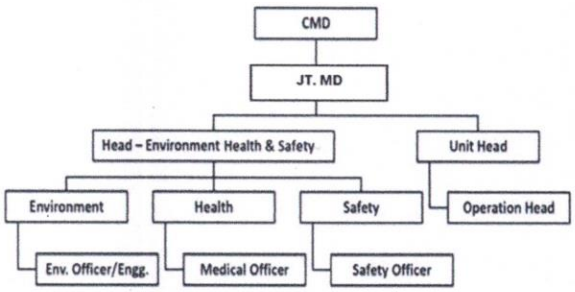
	manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.	has made an agreement with brick manufacturer and also has permission from ECL for illegal mined places at Bicched Bandh area near Narsamuda Colliery of Sodepur area to fill with fly ash. Agreement & permission copy attached as **Annexure-8A & 8B.**
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 taken shall also be included in the six monthly compliance report being submitted by the project proponents.	It is being compiled for existing plant. As per direction, it also be followed for coming new expansion project. Use of single use plastic is completely banned 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. Further campaigning against SUP shall be conducted for more effective compliance of guidelines and Notification dated 12/08/2021 Of the Hon'ble Ministry.
v.	A proper action plan must be implemented to dispose of the electronic waste generated in the industry.	Electronic waste being kept on an identified location and shall be sold to authorise vender for disposal.
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.	Noted It is being complied/shall be implement for proposed expansion and efforts shall be made to comply with directions. Ferro manganese slag being used for silico manganese production and silico-manganese slag is used as aggregated for road making and land filling purpose. Dolochar generated from DRI kiln is used/provided to captive power generation units. Used refractories being provided to its recyclers as far as possible if not used at our plant.
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, it shall be complied. Expansion project activities has not been started yet.
viii.	Carbon recovery plant to recover the elemental carbon present in GCP slurries for use in Sinter plant shall be installed.	Noted. The construction for the proposed project has not started yet.

ix.	Waste recycling Plant shall be installed to recover scrap, metallic and flux for recycling to sinter plant and SMS.	Noted The construction for the proposed project has not started yet. As per direction, it will be followed for coming new project.
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 has prepared GHG emission inventory and reduction of the same including carbon sequestration by trees. Carbone sequestration and carbon foot print based on expansion project is attached as **Annexure-09.**
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. It 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.	It is being compiled for existing plant. Some photographs related to greening and paving/concretization of plant roads and other area are attached as **Annexure-10.** As per direction, it shall also be followed for new expansion project.
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.	Noted. It is implemented for existing plant. Risk & Disaster Management Plan is attached as **Annexure 11.** It shall also be prepared and implemented based on new expansion project.
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.	Personnel working near noise generating source being provided the ear plug ear muff and for hot zone apron, hand glove, eye goggles and face shield as Personal Protection Equipment (PPE).
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. It shall be complied.
iv.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.	It is being/shall be complied. Occupational health surveillance of the workers being done on regular basis and records are maintained. Health check-up report is enclosed as **Annexure-12.**

SPS Steels Rolling Mills Ltd. Paluda

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.
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.	SPS has environmental policy (**Annexure-13)** and standard operating procedure has been implemented to look into any infringement/ deviation/violation of environmental/ forest/wildlife norms/ conditions. The Company has also the Hierarchical system/ Administrative order to deal with environmental issues and compliance of EC conditions. There is a reporting system in place to deal with any non-compliance/violation of environmental norms. 
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 set up under the supervision of senior executive to look after the day to day activities pertaining to environment & pollution control issues of the company. Hierarchical system/ Administrative order of the environmental cell is 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. Our technical team keep on watch over the performance of pollution control equipment on regular basis and immediate corrective action being taken on abnormalities observed if any. Preventive maintenance of pollution control system also being done with scheduled shutdown of plant operations.
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.	It is complied. Advertisement in two local newspapers is attached as **Annexure-14.**
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. Copy of receiving letter is attached as **Annexure-15.**
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.	Noted. It shall be 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 compiled for existing plant. 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-1** & **Annexure-3.**
v.	Action plan for developing connecting and internal road in terms of MSA as per IRC guidelines shall be implemented.	Noted. It is being/shall be followed with implementation of project.
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 environment statement for FY 2023-24 of existing plant facilities has already been submitted and FY 2024-2025 will be Submitted to WBPCB with copy to MoEF&CC Sub office Kolkata. 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	Noted. It shall be complied. Expansion project activities has not been started yet.

SPS Steels Rolling Mills Ltd. Powering Progress

	closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	
ix.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Noted.
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. Directions shall be followed.
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 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).
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 adhered.
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.

ANNEXURE-1

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ULR NO – TC1513625000000579F

TEST REPORT

Report Release Date	: 25.02.2025	Sample Ref. No.(ARF)	: EC/ARF/29/250253
Test Report No	: EC/TR/42/02261	Source of Sample	: Steel Plant
Type of Sample	: Suspended Dust & Gases	Sampling date	: 19.02.25 to 20.02.25
Sample Collected by	: Mr. Sumit Sarkar & Team	Sample Registration Date	: 21.02.2025
Sample Details	: **Ambient Air**	Period of Analysis	: 21.02.25 to 22.02.25
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 Plan & Procedure	: EC/SOP/03/01
		Deviation if any	: None

Sampling Location: Outside 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	66.19
2	Particulate Matter $PM_{2.5}$ µg/m^3	EPA CFR40(pt 50), Appendix 1	60	37.43
3	Sulphur Dioxide (SO_2), µg/m^3	IS 5182:Part 2:2001	80	22.26
4	Nitrogen Dioxide (NO_x), µg/m^3	IS 5182:Part 6:2006	80	34.11
5	Ammonia (NH_3), µg/m^3	INDO PHENOL BLUE METHOD	400	<10.0
6	Ozone (O_3), µg/m^3	CHEMICAL METHOD	180	<10.0

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

Authorised Signatory

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TEST REPORT

Report Release Date	: 25.02.2025	Sample Ref. No.(ARF)	: EC/ARF/29/250253
Test Report No	: EC/TR/42/02261	Source of Sample	: Steel Plant
		Sampling Date	: 19.02.25 to 20.02.25
Type of Sample	: Suspended Dust & Gases	Sample Registration Dt	: 21.02.2025
Sample Collected by	: Mr. Sumit Sarkar & Team	Period of Analysis	: 21.02.25 to 22.02.25
Sample Details	: Ambient Air	Sample Condition	: Sealed & Preserved
Customer Name & Address	: **SPS Steels Rolling Mills Ltd**	Remarks	: ----
	Village - Poradiha P.O – Pachhandapur Dist – Purulia West Bengal Pin No – 722153	Sample Drawn By Deviation if any	: ECO CARE : None

Sampling Location: Outside 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	< 0.25
8	Arsenic (As), ng/m^3	AAS METHOD AFTER SAMPLING	6	< 0.10
9	Nickel (Ni), ng/m^3	AAS METHOD AFTER SAMPLING	20	< 5.0
10	Carbon Monoxide (CO), mg/m^3	NDIR SPECTROSCOPY	2	0.12
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 – TC1513625000000580F

TEST REPORT

Report Release Date	: 25.02.2025	Sample Ref. No.(ARF)	: EC/ARF/29/250253
Test Report No	: EC/TR/42/02262	Source of Sample	: Steel Plant
Type of Sample	: Suspended Dust & Gases	Sampling Date	: 19.02.25 to 20.02.25
Sample Collected by	: Mr. Sumit Sarkar & Team	Sample Registration Date	: 21.02.2025
Sample Details	: Ambient Air	Period of Analysis	: 21.02.25 to 22.02.25
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 Plan & Procedure	: EC/SOP/03/01
		Deviation if any	: None

Sampling Location: Western side of boundary wall

SL NO	TESTS	PROTOCOL	Limit as per NAAQS	RESULT
1	Particulate Matter PM_{10} µg/m^3	IS 5182:Part 23:2006	100	70.14
2	Particulate Matter $PM_{2.5}$ µg/m^3	EPA CFR40(pt 50), Appendix 1	60	34.82
3	Sulphur Dioxide (SO_2), µg/m^3	IS 5182:Part 2:2001	80	21.09
4	Nitrogen Dioxide (NO_x), µg/m^3	IS 5182:Part 6:2006	80	29.36
5	Ammonia (NH_3), µg/m^3	INDO PHENOL BLUE METHOD	400	<10.0
6	Ozone (O_3), µg/m^3	CHEMICAL METHOD	180	<10.0

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TEST REPORT

Report Release Date	: 25.02.2025	Sample Ref. No.(ARF)	: EC/ARF/29/250253
Test Report No	: EC/TR/42/02262	Source of Sample	: Steel Plant
Type of Sample	: Suspended Dust & Gases	Sampling Date	: 19.02.25 to 20.02.25
Sample Collected by	: Mr. Sumit Sarkar & Team	Sample Registration Date	: 21.02.2025
Sample Details	: Ambient Air	Period of Analysis	: 21.02.25 to 22.02.25
Customer Name & Address	: **SPS Steels Rolling Mills Ltd** Village – Poradiha P.O – Pachhandapur Dist – Purulia West Bengal, 722153	Sample Condition Remarks Sample Drawn By Deviation if any	: Sealed & Preserved : ---- : ECO CARE : None

Sampling Location: Western side of the plant boundary wall

SL NO	TESTS	PROTOCOL	Limit as per NAAQS	RESULT
7	Lead (Pb), $\mu g/m^3$	AAS METHOD AFTER SAMPLING	1.0	< 0.2
8	Arsenic (As), ng/m^3	AAS METHOD AFTER SAMPLING	6	< 0.10
9	Nickel (Ni), ng/m^3	AAS METHOD AFTER SAMPLING	20	< 5.0
10	Carbon Monoxide (CO), mg/m^3	NDIR SPECTROSCOPY	2	0.13
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 – TC1513625000000581F

TEST REPORT

Report Release Date	: 25.02.2025	Sample Ref. No.(ARF)	: EC/ARF/29/250253
Test Report No	: EC/TR/42/02263	Source of Sample	: Steel Plant
		Sampling Date	: 19.02.25 to 20.02.25
Type of Sample	: Suspended Dust & Gases		
		Sample Registration	: 21.02.2025
Sample Collected by	: Mr. Sumit Sarkar & Team	Period of Analysis	: 21.02.25 to 22.02.25
Sample Details	: Ambient 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 Plan & Procedure	: EC/SOP/03/01
		Deviation if any	: None

Sampling Location: Northern 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	69.09
2	Particulate Matter $PM_{2.5}$ µg/m^3	EPA CFR40(pt 50), Appendix 1	60	44.17
3	Sulphur Dioxide (SO_2), µg/m^3	IS 5182:Part 2:2001	80	25.43
4	Nitrogen Dioxide (NO_x), µg/m^3	IS 5182:Part 6:2006	80	34.56
5	Ammonia (NH_3), µg/m^3	INDO PHENOL BLUE METHOD	400	<10.0
6	Ozone (O_3), µg/m^3	CHEMICAL METHOD	180	<10.0

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TEST REPORT

Report Release Date	: 25.02.2025	Sample Ref. No.(ARF)	: EC/ARF/29/250253
Test Report No	: EC/TR/42/02263	Source of Sample	: Steel Plant
Type of Sample	: Suspended Dust & Gases	Sampling Date	:19.02.25 to 20.02.25
Sample Collected by	: Mr. Sumit Sarkar& Team	Sample Registration Date	: 21.02.2025
Sample Details	: Ambient Air	Period of Analysis	: 21.02.25 to 22.02.25
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
		Deviation if any	: None

Sampling Location: Northern 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	< 0.2
8	Arsenic (As), ng/m^3	AAS METHOD AFTER SAMPLING	6	< 0.10
9	Nickel (Ni), ng/m^3	AAS METHOD AFTER SAMPLING	20	< 5.0
10	Carbon Monoxide (CO), mg/m^3	NDIR SPECTROSCOPY	2	0.109
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 – TC1513625000000582F

TEST REPORT

Report Release Date	: 25.02.2025	Sample Ref. No.(ARF)	: EC/ARF/29/250253
Test Report No	: EC/TR/42/02264	Source of Sample	: Steel Plant
Type of Sample	: Suspended Dust & Gases	Sampling Date	: 19.02.25 to 20.02.25
Sample Collected by	: Mr. Sumit Sarkar & Team	Sample Registration Date	: 21.02.2025
Sample Details	: Ambient Air	Period of Analysis	: 21.02.25 to 22.02.25
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 Plan & Procedure	: EC/SOP/03/01
		Deviation if any	: None

Sampling Location: Eastern side of the plant 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	73.02
2	Particulate Matter $PM_{2.5}$ µg/m^3	EPA CFR40(pt 50), Appendix 1	60	39.27
3	Sulphur Dioxide (SO_2), µg/m^3	IS 5182:Part 2:2001	80	25.43
4	Nitrogen Dioxide (NO_x), µg/m^3	IS 5182:Part 6:2006	80	32.12
5	Ammonia (NH_3), µg/m^3	INDO PHENOL BLUE METHOD	400	<10.0
6	Ozone (O_3), µg/m^3	CHEMICAL METHOD	180	<10.0

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TEST REPORT

Report Release Date	: 25.02.2025	Sample Ref. No.(ARF)	: EC/ARF/29/250253
Test Report No	: EC/TR/42/02264	Source of Sample	: Steel Plant
		Sampling Date	:19.02.2025 to 20.02.2025
Type of Sample	: Suspended Dust & Gases	Sample Registration	: 21.02.2025
Sample Collected by	: Mr. Sumit Sarkar & Team	Period of Analysis	: 21..02. 2025 to 22.02.2025
Sample Details	: Ambient Air	Sample Condition	: Sealed & Preserved
Customer Name & Address	: **SPS Steels Rolling Mills Ltd**	Remarks	: ----
	Village - Poradiha	Sample Drawn By	: ECO CARE
	P.O – Pachhandapur	Deviation if any	: None
	Dist – Purulia		
	West Bengal		
	Pin No – 722153		

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

SL NO	TESTS	PROTOCOL	Limit as per NAAQS	RESULT
7	Lead (Pb), µg/m^3	AAS METHOD AFTER SAMPLING	1.0	< 0.2
8	Arsenic (As), ng/m ^{3}	AAS METHOD AFTER SAMPLING	6	< 0.10
9	Nickel (Ni), ng/m^3	AAS METHOD AFTER SAMPLING	20	< 5.0
10	Carbon Monoxide (CO), mg /m3	NDIR SPECTROSCOPY	2	0.122
11	Benzo (Alpha) Pyrene, ng/m^3	ABSORPTION & DESORPTION FOLLOWED BY GC ANALYSIS	1	< 0.2
12	Benzene (C_6H_6), µg/m^3	ABSORPTION & DESORPTION FOLLOWED BY GC ANALYSIS	5	< 1.0

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ANNEXURE-2

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ULR NO – TC1513625000000575F

TEST REPORT

Report Release Date	: 25.02.2025	Sample Ref. No.(ARF)	: EC/ARF/29/250253
Test Report No	: EC/TR/42/02257	Source of Sample	: Steel Plant
Type of Sample	: Suspended Dust & Gases	Sampling Date	: 18.02.2025
Sample Collected by	: Mr. Sumit Sarkar & Team	Sample Receiving Date	: 21.02.2025
Sample Details	: Fugitive Air	Period of Analysis	: 21.02.25 to 22.02.25
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 Plan & Procedure	: EC/SOP/03/01
		Deviation if any	: None

1	Average Temperature	27.3°C	2	Barometric Pressure	752 mm of Hg
3	Average Relative Humidity	53.0%	4	Weather Condition	Clear Day

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

SL NO	TESTS	PROTOCOL	RESULT
1	Concentration of Suspended Particulate Matter, µg/m^3	IS : 5182 (Part – 4)	1136.59
2	Sulphur Dioxide (SO_2), µg/m^3	IS 5182 (Part 2): 2001	13.32
3	Nitrogen Dioxide (NO_x), µg/m^3	IS 5182 (Part 6): 2006	24.09

1. Test values are reported based on the samples received.
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ULR NO – TC1513625000000576F

TEST REPORT

Report Release Date	: 25.02.2025	Sample Ref. No.(ARF)	: EC/ARF/29/250253
Test Report No	: EC/TR/42/02258	Source of Sample	: Steel Plant
Type of Sample	: Suspended Dust & Gases	Sampling Date	: 18.02.2025
Sample Collected by	: Mr. Sumit Sarkar & Team	Sample Receiving Date	: 21.02.2025
Sample Details	: Fugitive Air	Period of Analysis	: 21.02.25 to 22.02.25
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 Plan & Procedure	: EC/SOP/03/01
		Deviation if any	: None

1	Average Temperature	27.3°C	2	Barometric Pressure	752mm of Hg
3	Average Relative Humidity	53.0%	4	Weather Condition	Clear Day

2. Sampling Location : Near Rotary Kiln (No – 3 & 4)

SL NO	TESTS	PROTOCOL	RESULT
1	Concentration of Suspended Particulate Matter, µg/m^3	IS : 5182 (Part – 4)	1098.87
2	Sulphur Dioxide (SO_2), µg/m^3	IS 5182 (Part 2): 2001	17.11
3	Nitrogen Dioxide (NO_x), µg/m^3	IS 5182 (Part 6): 2006	28.36

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ULR NO – TC1513625000000577F

TEST REPORT

Report Release Date	: 25.02.2025	Sample Ref. No.(ARF)	: EC/ARF/29/250253
Test Report No	: EC/TR/42/02259	Source of Sample	: Steel Plant
Type of Sample	: Suspended Dust & Gases	Sampling Date	: 18.02.2025
Sample Collected by	: Mr. Sumit Sarkar & Team	Sample Registration Date	: 21.02.2025
Sample Details	: Fugitive Air	Period of Analysis	: 21.02.25 to 22.02.25
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 Plan & Procedure	: EC/SOP/03/01
		Deviation if any	: None

1	Average Temperature	27.3 °C	2	Barometric Pressure	752 mm of Hg
3	Average Relative Humidity	53.0 %	4	Weather Condition	Clear Day

3. Sampling Location : Near AFBC boiler

SL NO	TESTS	PROTOCOL	RESULT
1	Concentration of Suspended Particulate Matter, µg/m^3	IS : 5182 (Part – 4)	594.57
2	Sulphur Dioxide (SO_2), µg/m^3	IS 5182 (Part 2): 2001	16.56
3	Nitrogen Dioxide (NO_x), µg/m^3	IS 5182 (Part 6): 2006	25.33

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ULR NO – TC151362500000578F

TEST REPORT

Report Release Date	: 25.02.2025	Sample Ref. No.(ARF)	: EC/ARF/29/250253
Test Report No	: EC/TR/42/02260	Source of Sample	: Steel Plant
Type of Sample	: Suspended Dust & Gases	Sampling Date	: 18.02.2025
Sample Collected by	: Mr. Sumit Sarkar & Team	Sample Receiving Date	: 21.02.2025
Sample Details	: Fugitive Air	Period of Analysis	: 21.02.25 to 22.02.25
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 Plan & Procedure	: EC/SOP/03/01
		Deviation if any	: None

1	Average Temperature	27.3°C	2	Barometric Pressure	752 mm of Hg
3	Average Relative Humidity	53.0%	4	Weather Condition	Clear Day

4. Sampling Location : Near SAF control room

SL NO	TESTS	PROTOCOL	RESULT
1	Concentration of Suspended Particulate Matter, µg/m^3	IS : 5182 (Part – 4)	561.24
2	Sulphur Dioxide (SO_2), µg/m^3	IS 5182 (Part 2): 2001	13.16
3	Nitrogen Dioxide (NO_x), µg/m^3	IS 5182 (Part 6): 2006	22.06

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ANNEXURE-3

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ULR NO – TC1513625000000570F

TEST REPORT

Report Release Date	: 25.02.2025	Sample Ref. No.(ARF)	: EC/ARF/29/250253
Test Report No	: EC/TR/42/02255	Source of Sample	: Steel Plant
Type of Sample	: Dust & Gaseous Emission	Sampling Date	: 19.02.2025
		Sample Registration Date	: 21.02.2025
Sample Collected by	: Mr. Sumit Sarkar & Team	Period of Analysis	: 21.02.2025
Sample Details	: Stack Emission	Sampling Location	: Rotary Kiln via ESP
Customer Name & Address	: **SPS Steels Rolling Mills Ltd.** Village - Poradiha P.O – Pachhandapur Dist – Purulia West Bengal Pin No – 722153	Sample Condition	: Sealed & Preserved
		Sample Stamped as	: TH – 730
		Sample Drawn By	: ECO CARE
		Sampling Plan & Procedure	: EC/SOP/03/01
		Remarks	: ----
		Deviation if any	: None

GENERAL INFORMATION

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(Both are 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-1 = 5.7 Mt/hr, & Kiln-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

			Method
1	Flue Gas Temperature	129 ^{0}C	IS 11255 : Part 3
2	Barometric Pressure	752 mm Hg	IS 11255 : Part 3
3	Velocity of Flue Gas	8.16 m/sec	IS 11255 : Part 3
4	Flue Gas Quantity	67761 NM^3/ hr	IS 11255 : Part 3
5	Concentration of Particulate Matter	24.93 mg/NM^3	IS 11255 : Part 1
6	Concentration of Carbon Dioxide	9.6%	IS 13270
7	Concentration of SO_2	138.24 mg/NM^3	IS 11255 : Part 2
8	Concentration of NO_x	88.67 mg/NM^3	IS 11255 : Part 7

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ULR NO – TC1513625000000569F

TEST REPORT

Report Release Date	: 25.02.2025	Sample Ref. No.(ARF)	: EC/ARF/29/250253
Test Report No	: EC/TR/42/02254	Source of Sample	: Steel Plant
Type of Sample	: Dust & Gaseous Emission	Sampling Date	: 19.02.2025
		Sample Registration Date	: 21.02.2025
Sample Collected by	: Mr. Sumit Sarkar & Team	Period of Analysis	: 21.02.2025
Sample Details	: Stack Emission	Sampling Location	: Rotary Kiln via ESP
Customer Name & Address	: **SPS Steels Rolling Mills Ltd.** Village – Poradiha P.O – Pachhandapur Dist – Purulia West Bengal Pin No – 722153	Sample Condition	: Sealed & Preserved
		Sample Stamped as	: TH – 729
		Sample Drawn By	: ECO CARE
		Sampling Plan & Procedure	: EC/SOP/03/01
		Remarks	: ----
		Deviation if any	: None

GENERAL INFORMATION

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 (Both are 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-3 = 5.3 Mt/hr, & Kiln-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

			Method
1	Flue Gas Temperature	132 ^{0}C	IS 11255 : Part 3
2	Barometric Pressure	752 mm Hg	IS 11255 : Part 3
3	Velocity of Flue Gas	8.42 m/sec	IS 11255 : Part 3
4	Flue Gas Quantity	69396 NM^3/ hr	IS 11255 : Part 3
5	Concentration of Particulate Matter	28.46 mg/NM^3	IS 11255 : Part 1
6	Concentration of Carbon Dioxide	9.2 %	IS 13270
7	Concentration of SO_2	123.65mg/NM^3	IS 11255 : Part 2
8	Concentration of NO_x	82.14 mg/NM^3	IS 11255 : Part 7

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ULR NO – TC1513625000000566F

TEST REPORT

Report Release Date	: 25.02.2025	Sample Ref. No.(ARF)	: EC/ARF/29/250253
Test Report No	: EC/TR/42/02251	Source of Sample	: Steel Plant
Type of Sample	: Dust & Gaseous Emission	Sampling Date	: 18.02.2025
		Sample Registration Date	: 21.02.2025
Sample Collected by	: Mr. Sumit Sarkar & Team	Period of Analysis	: 21.02.2025
Sample Details	: Stack Emission	Sampling Location	: AFBC Boiler via ESP
Customer Name & Address	: **SPS Steels Rolling Mills Ltd.** Village – Poradiha P.O – Pachhandapur Dist – Purulia West Bengal Pin No – 722153	Sample Condition	: Sealed & Preserved
		Sample Stamped as	: TH – 726
		Sample Drawn By	: ECO CARE
		Sampling Plan & Procedure	: EC/SOP/03/01
		Remarks	: ----
		Deviation if any	: None

GENERAL INFORMATION

1	Particular of the Plant	: Steel Plant (Power Plant Div.)
2	Emission Due to	: Combustion of Coal
3	Stack Connected to	: AFBC Boiler Via ESP
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	: 1.8 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

			Method
1	Flue Gas Temperature	156 ^{0}C	IS 11255 : Part 3
2	Barometric Pressure	752 mm Hg	IS 11255 : Part 3
3	Velocity of Flue Gas	12.46 m/sec	IS 11255 : Part 3
4	Flue Gas Quantity	78530 NM^3/ hr	IS 11255 : Part 3
5	Concentration of Particulate Matter	23.16 mg/NM^3	IS 11255 : Part 1
6	Concentration of Particulate Matter (at 6% O_2)	29.08 mg/NM^3	
7	Concentration of Oxygen	8.6%	IS 13270
8	Concentration of SO_2	134.82 mg/NM^3	IS 11255 : Part 2
9	Concentration of NO_x	89.22 mg/NM^3	IS 11255 : Part 7

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ULR NO – TC1513625000000567F

TEST REPORT

Report Release Date	: 25.02.2025	Sample Ref. No.(ARF)	: EC/ARF/29/250253
Test Report No	: EC/TR/42/02252	Source of Sample	: Steel Plant
Type of Sample	: Dust & Gaseous Emission	Sampling Date	: 18.02.2025
		Sample Registration Date	: 21.02.2025
Sample Collected by	: Mr. Sumit Sarkar & Team	Period of Analysis	: 21.02.2025
Sample Details	: Stack Emission	Sampling Location	: Cooler Discharge
Customer Name & Address	: **SPS Steels Rolling Mills Ltd.** Village – Poradiha P.O – Pachhandapur Dist – Purulia West Bengal Pin No – 722153	Sample Condition	: Sealed & Preserved
		Sample Stamped as	: TH – 727
		Sample Drawn By	: ECO CARE
		Sampling Plan & Procedure	: EC/SOP/03/01
		Remarks	: ----
		Deviation if any	: None

GENERAL INFORMATION

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	: 0.6 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

			Method
1	Flue Gas Temperature	53 ^{0}C	IS 11255 : Part 3
2	Barometric Pressure	752 mm Hg	IS 11255 : Part 3
3	Velocity of Flue Gas	6.89m/sec	IS 11255 : Part 3
4	Flue Gas Quantity	6348 NM^3/ hr	IS 11255 : Part 3
5	Concentration of Particulate Matter	40.36 mg/NM^3	IS 11255 : Part 1
6	Concentration of Carbon Dioxide	----	IS 13270
7	Concentration of SO_2	----	IS 11255 : Part 2
8	Concentration of NO_x	-----	IS 11255 : Part 7

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ULR NO – TC1513625000000568F

TEST REPORT

Report Release Date	: 25.02.2025	Sample Ref. No.(ARF)	: EC/ARF/29/250253
Test Report No	: EC/TR/42/02253	Source of Sample	: Steel Plant
Type of Sample	: Dust & Gaseous Emission	Sampling Date	: 18.02.2025
		Sample Registration Date	: 21.02.2025
Sample Collected by	: Mr. Sumit Sarkar & Team	Period of Analysis	: 21.02.2025
Sample Details	: Stack Emission	Sampling Location	: Product House
Customer Name & Address	: **SPS Steels Rolling Mills Ltd.** Village – Poradiha P.O – Pachhandapur Dist – Purulia West Bengal Pin No – 722153	Sample Condition	: Sealed & Preserved
		Sample Stamped as	: TH – 728
		Sample Drawn By	: ECO CARE
		Sampling Plan & Procedure	: EC/SOP/03/01
		Remarks	: ----
		Deviation if any	: None

GENERAL INFORMATION

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	: 0.6 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

			Method
1	Flue Gas Temperature	38 ^{0}C	IS 11255 : Part 3
2	Barometric Pressure	752 mm Hg	IS 11255 : Part 3
3	Velocity of Flue Gas	7.53 m/sec	IS 11255 : Part 3
4	Flue Gas Quantity	7273 NM^3/ hr	IS 11255 : Part 3
5	Concentration of Particulate Matter	42.43mg/NM^3	IS 11255 : Part 1
6	Concentration of Carbon Dioxide	----	IS 13270
7	Concentration of SO_2	----	IS 11255 : Part 2
8	Concentration of NO_x	-----	IS 11255 : Part 7

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ULR NO – TC1513625000000571F

TEST REPORT

Report Release Date	: 25.02.2025	Sample Ref. No.(ARF)	: EC/ARF/29/250253
Test Report No	: EC/TR/42/02256	Source of Sample	: Steel Plant
Type of Sample	: Dust & Gaseous Emission	Sampling Date	: 19.02.2025
		Sample Registration Date	: 21.02.2025
Sample Collected by	: Mr. Sumit Sarkar & Team	Period of Analysis	: 21.02.2025
Sample Details	: Stack Emission	Sampling Location	: SAF Via APC System
Customer Name & Address	: **SPS Steels Rolling Mills Ltd.** Village - Poradiha P.O – Pachhandapur Dist – Purulia West Bengal Pin No – 722153	Sample Condition	: Sealed & Preserved
		Sample Stamped as	: TH – 731
		Sample Drawn By	: ECO CARE
		Sampling Plan & Procedure	: EC/SOP/03/01
		Remarks	: ----
		Deviation if any	: None

GENERAL INFORMATION

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

			Method
1	Flue Gas Temperature	86 ^{0}C	IS 11255 : Part 3
2	Barometric Pressure	752 mm Hg	IS 11255 : Part 3
3	Velocity of Flue Gas	7.39 m/sec	IS 11255 : Part 3
4	Flue Gas Quantity	55659 NM^3/ hr	IS 11255 : Part 3
5	Concentration of Particulate Matter	32.18 mg/NM^3	IS 11255 : Part 1
6	Concentration of Carbon Dioxide	----	IS 13270
7	Concentration of SO_2	----	IS 11255 : Part 2

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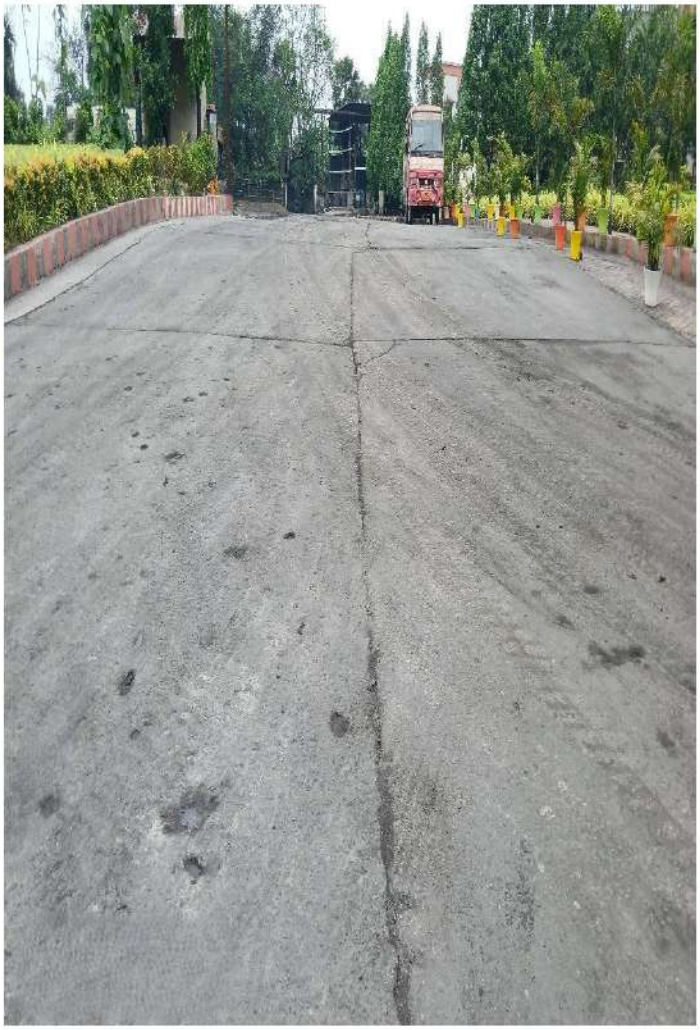
ANNEXURE-4

RCC ROAD AND PAVERED BLOCK PHOTOGRAPH



ANNEXURE-5

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ULR NO – TC1513625000000574F

TEST REPORT

Report Release Date	: 25.02.2025	Sample Ref. No.(ARF)	: EC/ARF/29/250253
Test Report No	: EC/TR/42/02267	Source of Sample	: Steel Plant
Type of Sample	: Water	Sampling Date	: 20.02.2025
Sample Collected by	: Sumit Sarkar	Sample Registration Date	: 21.02.2025
Sample Details	: Ground Water	Period of Analysis	: 21.02.25 to 22.02.25
Customer Name & Address	: **SPS Steels Rolling Mills Ltd** Village - Poradiha P.O – Pachhandapur Dist – Purulia West Bengal 722153	Sampling Location	: Poradiha Village Hand Pump
		Sample Condition	: Sealed & Preserved
		Sample Stamped as	: -----
		Sample Drawn By	: Eco Care
		Remarks	: ----
		Sampling Plan & Procedure	: EC/SOP/03/01
		Deviation if any	: None

Sl. No.	Parameters	Unit	Test Method (APHA 24th Edition)	Standards (IS:10500)	Results
1	pH at 24.8 ^{0}C		4500-H^+ B	6.5 – 8.5	6.92
2	TDS	mg/l	2540 C	500.0	478.20
3	TSS	mg/l	2540 D : 2017	----	< 5.00
4	Turbidity	NTU	2130 B	1.0	< 1.00
5	Total Alkalinity (as $CaCO_3$)	mg/l	2320 B	200.0	95.68
6	Chloride (as Cl^-)	mg/l	4500 – Cl^- B	250.0	26.42
7	Calcium (as Ca^{2+})	mg/l	3500 – Ca B	75.0	37.61
8	Total Chromium	mg/l	IS 3025 (Part - 52): 2003	0.05	< 0.03
9	Total Hardness (as $CaCO_3$)	mg/l	2340 C	200.0	118.32
10	Iron (as Fe)	mg/l	3500 – Fe B	0.3	0.03
11	Sulphate (as SO_4^-)	mg/l	4500 – SO_4^{2-} E	200.0	19.10
12	Magnesium (as Mg)	mg/l	3500 – Mg B	30.0	5.95
13	Arsenic	mg/l	3500 As – B	0.01	< 0.01
14	Fluoride (as F)	mg/l	3500 – Fe B/D	1.0	0.36
15	Nitrate (asNO_3)	mg/l	4500 – NO_3^- B	45.0	3.24
16	Chlorine Residul	mg/l	4500 – Cl^- B	0.2	< 0.2
17	Acidity at pH 8.3	mg/l	IS 3025(Part 22) : 1986	----	< 5.0
18	Ammoniacal Nitrogen	mg/l	IS 3025(Part 34) : 1988	0.5	<0.2
19	Phosphate as P	mg/l	4500 – P D/2017	----	<0.05
20	Settle-able Solide	mg/l	2540 F : 2017	----	< 5.00
21	Silica as Si	mg/l	4500 – SiO_2 C	----	4.12
22	Conductivity	µs/cm	2510 B	---	850

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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.

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ANNEXURE-6

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ULR No – TC1513625000000573F

TEST REPORT

Report Release Date	: 25.02.2025	Sample Ref. No.(ARF)	: EC/ARF/29/250253
Test Report No	: EC/TR/42/02265	Source of Sample	: Steel Plant
Type of Sample	: Process Water	Sampling Date	: 20.02.2025
Sample Collected by	: Mr. Sumit Sarkar	Sample Registration Date	: 21.02.2025
Sample Details	: Effluent Water	Period of Analysis	: 21.02.25 to 24.02.25
		Sampling Location	: Recycle water tank Inside the Factory
Customer Name & Address	: **SPS Steels Rolling Mills Ltd**	Sample Condition	: Sealed & Preserved
	Village – Poradiha	Sample Stamped as	: "SPS – 01"
	P.O – Pachhandapur	Sample Drawn By	: ECO CARE
	Dist – Purulia	Remarks	: ----
	West Bengal	Sampling Plan &	
	Pin No – 722153	Procedure	: EC/SOP/03/01
		Deviation if any	: None

Sl. No.	Parameters	Unit	Test Method (APHA 24th Edition)	Standards (EPR 1986 & IS 2296:1982)	Results
1	pH at 24.5 ^{0}C		APHA 23rd Edition 4500-H$^+$ B	5.5 – 9.0	8.06
2	TSS	mg/l	APHA 23rd Edition 2540 D	100.0	38.70
3	BOD (3 days) at 27.0 ^{0}C	mg/l	IS 3025 (Part - 44): 1993	30.0	11
4	COD	mg/l	APHA 23rd Edition 5220 B	250.0	42.34
5	Oil & Grease	mg/l	APHA 23rd Edition 5520 B	10.0	<1.00

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ANNEXURE-7A

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URL NO. – TC1513625000000587F

TEST REPORT

Report Release Date	: 25.02.2025	Sample Ref. No.	: EC/ARF/29/250253
Test Report No	: EC/TR/42/02269	Source of Sample	: Steel Plant
Type of Sample	: Noise	Sampling Date	: 18.02.25 to 19.02.25
Sample Collected by	: Mr. Sumit Sarkar & Team	Period of Analysis	: ----
Sample Details	: Ambient Noise	Sample Condition	: ----
Customer Name & Address	: **SPS Steels Rolling Mills Ltd** P.O – Pachhandapur Dist – Purulia Village - Poradiha West Bengal Pin No – 722153	Remarks	: ----
		Sample Drawn By	: ECO CARE
		Sampling Plan & Procedure	: EC/SOP/03/01
		Deviation if any	: None

1. Sampling Location : Outside boundary wall towards Poradiha village

Date of Study	18.02.2025	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	43.4 dB(A)	48.4 dB(A)	53.2 dB(A)	53.8 dB(A)
2	07:00 AM to 08:00 AM	47.2 dB(A)	52.6 dB(A)	56.9 dB(A)	
3	08:00 AM to 09:00 AM	46.9 dB(A)	51.3 dB(A)	57.4 dB(A)	
4	09:00 AM to10:00 AM	51.4 dB(A)	55.6 dB(A)	60.4 dB(A)	
5	10:00 AM to11:00 AM	46.2 dB(A)	51.2 dB(A)	55.7 dB(A)	
6	11:00 AM to12:00 PM	47.7 dB(A)	53.4 dB(A)	58.2 dB(A)	
7	12:00 PM to 01:00 PM	46.4 dB(A)	51.3 dB(A)	56.1 dB(A)	
8	01:00 PM to 02:00 PM	51.3 dB(A)	55.4 dB(A)	59.2 dB(A)	
9	02:00 PM to 03:00 PM	46.1 dB(A)	50.1 dB(A)	54.3 dB(A)	
10	03:00 PM to 04:00 PM	44.7 dB(A)	48.3 dB(A)	52.8 dB(A)	
11	04:00 PM to 05:00 PM	53.2 dB(A)	57.5 dB(A)	61.0 dB(A)	
12	05:00 PM to 06:00 PM	48.4 dB(A)	52.8 dB(A)	57.2 dB(A)	
13	06:00 PM to 07:00 PM	52.1 dB(A)	56.4 dB(A)	60.4 dB(A)	
14	07:00 PM to 08:00 PM	52.9 dB(A)	56.8 dB(A)	60.3 dB(A)	
15	08:00 PM to 09:00 PM	47.4 dB(A)	51.6dB(A)	56.0 dB(A)	
16	09:00 PM to 10:00 PM	52.9 dB(A)	57.9 dB(A)	62.7 dB(A)	

Date of Study	18.02 to 19.02.2025	Night time	10:00PM to 6:00AM

SL No	Time	Minimum	Leq – Mean	Maximum	Day time Leq – Mean
17	10:00 PM to11:00 PM	57.8 dB(A)	51.3 dB(A)	55.0dB(A)	43.2 dB(A)
18	11:00 PM to12:00 AM	47.0 dB(A)	41.6 dB(A)	45.2 dB(A)	
19	12:00 AM to01:00 AM	42.4. dB(A)	46.6 dB(A)	50.9 dB(A)	
20	01:00 AM to02:00 AM	39.7 dB(A)	44.2 dB(A)	48.5 dB(A)	
21	02:00 AM to03:00 AM	35.1 dB(A)	39.4 dB(A)	43.4 dB(A)	
22	03:00 AM to04:00 AM	38.4 dB(A)	42.8 dB(A)	47.3 dB(A)	
23	04:00 AM to05:00 AM	40.6 dB(A)	45.1 dB(A)	49.2 dB(A)	
24	05:00 AM to06:00 AM	47.4 dB(A)	51.3 dB(A)	56.1 dB(A)	

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URL NO. – TC1513625000000588F

TEST REPORT

Report Release Date	: 25.02.2025	Sample Ref. No.	: EC/ARF/29/250253
Test Report No	: EC/TR/42/02270	Source of Sample	: Steel Plant
Type of Sample	: Noise	Sampling Date	;18.02.25.to 19.02.25
Sample Collected by	: Mr. Sumit Sarkar & Team	Period of Analysis	: ----
Sample Details	: Ambient Noise	Sample Condition	: ----
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 Plan & Procedure	: EC/SOP/03/01
		Deviation if any	: None

2. Sampling Location : Western side of boundary wall

Date of Study	18.02.2025	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	48.2 dB(A)	52.3 dB(A)	56.7 dB(A)	60.2 dB(A)
2	07:00 AM to 08:00 AM	42.3 dB(A)	47.5 dB(A)	52.5 dB(A)	
3	08:00 AM to 09:00 AM	59.4 dB(A)	63.6 dB(A)	67.8 dB(A)	
4	09:00 AM to10:00 AM	52.1 dB(A)	56.2 dB(A)	60.6 dB(A)	
5	10:00 AM to11:00 AM	63.4 dB(A)	67.3 dB(A)	71.8 dB(A)	
6	11:00 AM to12:00 PM	54.8 dB(A)	59.0 dB(A)	63.4 dB(A)	
7	12:00 PM to 01:00 PM	52.1 dB(A)	55.2dB(A)	58,4 dB(A)	
8	01:00 PM to 02:00 PM	53.4 dB(A)	57.4 dB(A)	61.2 dB(A)	
9	02:00 PM to 03:00 PM	54.8 dB(A)	58.3 dB(A)	63.1 dB(A)	
10	03:00 PM to 04:00 PM	49.2 dB(A)	53.9 dB(A)	57.5 dB(A)	
11	04:00 PM to 05:00 PM	53.6 dB(A)	55.7dB(A)	60.8 dB(A)	
12	05:00 PM to 06:00 PM	52.5 dB(A)	55.9 dB(A)	59.6 dB(A)	
13	06:00 PM to 07:00 PM	52.7 dB(A)	56.2 dB(A)	61.5 dB(A)	
14	07:00 PM to 08:00 PM	47.3 dB(A)	51.6 dB(A)	56.5 dB(A)	
15	08:00 PM to 09:00 PM	40.4 dB(A)	44.8 dB(A)	48.6 dB(A)	
16	09:00 PM to 10:00 PM	56.7 dB(A)	59.2 dB(A)	63.2 dB(A)	

Date of Study	18.02 to 19.02.2025	Night time	10:00PM to 6:00AM

SL No	Time	Minimum	Leq – Mean	Maximum	Day time Leq – Mean
17	10:00 PM to11:00 PM	44.3 dB(A)	46.2 dB(A)	52.2 dB(A)	49.6 dB(A)
18	11:00 PM to12:00 AM	42.1 dB(A)	46.3 dB(A)	50.4 dB(A)	
19	12:00 AM to01:00 AM	40.9 dB(A)	44.0 dB(A)	47.9 dB(A)	
20	01:00 AM to02:00 AM	46.3 dB(A)	50.2 dB(A)	54.4dB(A)	
21	02:00 AM to03:00 AM	38.2 dB(A)	41.7 dB(A)	45.3 dB(A)	
22	03:00 AM to04:00 AM	40.0 dB(A)	44.0 dB(A)	47.5 dB(A)	
23	04:00 AM to05:00 AM	45.5 dB(A)	49.3 dB(A)	53.8 dB(A)	
24	05:00 AM to06:00 AM	36.9 dB(A)	41.1 dB(A)	44.3 dB(A)	

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URL NO. – TC1513625000000589F

TEST REPORT

Report Release Date	: 25.02.2025	Sample Ref. No.	: EC/ARF/29/250253
Test Report No	: EC/TR/42/02271	Source of Sample	: Steel Plant
Type of Sample	: Noise	Sampling Date	: 19.02.25 to 20.02.25
Sample Collected by	: Mr. Sumit Sarkar & Team	Period of Analysis	: ----
Sample Details	: Ambient Noise	Sample Condition	: ----
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 Plan & Procedure	: EC/SOP/03/01
		Deviation if any	: None

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

Date of Study	19.02.2025	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)	52.9	58.6	64.9	64.2 dB(A)
2	07:00 AM to 08:00 AM	dB(A)	49.3	54.6	59.3	
3	08:00 AM to 09:00 AM	dB(A)	51.4	56.8	62.6	
4	09:00 AM to10:00 AM	dB(A)	58.1	62.1	67.5	
5	10:00 AM to11:00 AM	dB(A)	52.4	56.6	60.4	
6	11:00 AM to12:00 PM	dB(A)	58.2	62.1	66.3	
7	12:00 PM to 01:00 PM	dB(A)	50.3	54.0	58.2	
8	01:00 PM to 02:00 PM	dB(A)	58.6	63.2	68.3	
9	02:00 PM to 03:00 PM	dB(A)	53.8	57.6	61,9	
10	03:00 PM to 04:00 PM	dB(A)	57.9	62.1	66.2	
11	04:00 PM to 05:00 PM	dB(A)	53.2	58.7	63.6	
12	05:00 PM to 06:00 PM	dB(A)	58.7	63.2	68.0	
13	06:00 PM to 07:00 PM	dB(A)	44.2	49.2	53.2	
14	07:00 PM to 08:00 PM	dB(A)	51.1	55.1	59.8	
15	08:00 PM to 09:00 PM	dB(A)	52.7	56.0	60.1	
16	09:00 PM to 10:00 PM	dB(A)	49.4	53.4	58.1	

Date of Study	19.02.2025 to 20.02.2025	Night time	10:00PM to 6:00AM

SL No	Time	Unit	Minimum	Leq – Mean	Maximum	Day time Leq – Mean
17	10:00 PM to11:00 PM	dB(A)	43.2	47.7	52.6	54.8 dB(A)
18	11:00 PM to12:00 AM	dB(A)	49.6	52.3	56.1	
19	12:00 AM to01:00 AM	dB(A)	42.7	46.2	50.3	
20	01:00 AM to02:00 AM	dB(A)	41.9	53.1	49.8	
21	02:00 AM to03:00 AM	dB(A)	43.4	47.7	51.5	
22	03:00 AM to04:00 AM	dB(A)	48.3	52.6	56.4	
23	04:00 AM to05:00 AM	dB(A)	52.1	55.5	59.8	
24	05:00 AM to06:00 AM	dB(A)	53.8	57.1	61.9	

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URL NO – TC151362500000590F

TEST REPORT

Report Release Date	: 25.02.2025	Sample Ref. No.	: EC/ARF/29/250253
Test Report No	: EC/TR/42/02272	Source of Sample	: Steel Plant
Type of Sample	: Noise	Sampling Date	:19.02.25 to 20.02.25
Sample Collected by	: Mr. Sumit Sarkar & Team	Period of Analysis	: ----
Sample Details	: Ambient Noise	Sample Condition	: ----
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 Plan & Procedure	: EC/SOP/03/01
		Deviation if any	: None

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

Date of Study	19.02.2025	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)	53.2	57.2	62.4	61.7 dB(A)
2	07:00 AM to 08:00 AM	dB(A)	46.3	51,1	56.8	
3	08:00 AM to 09:00 AM	dB(A)	56.7	60.5	66.4	
4	09:00 AM to10:00 AM	dB(A)	51.2	56.2	60.2	
5	10:00 AM to11:00 AM	dB(A)	55.6	60.4	65.7	
6	11:00 AM to12:00 PM	dB(A)	54.5	58.6	62.4	
7	12:00 PM to 01:00 PM	dB(A)	56.2	60.3	64.1	
8	01:00 PM to 02:00 PM	dB(A)	49.8	53.2	57.7	
9	02:00 PM to 03:00 PM	dB(A)	52.3	56.7	61.8	
10	03:00 PM to 04:00 PM	dB(A)	52.2	57,9	62.3	
11	04:00 PM to 05:00 PM	dB(A)	57.8	62.2	67.8	
12	05:00 PM to 06:00 PM	dB(A)	46.3	50.8	54.4	
13	06:00 PM to 07:00 PM	dB(A)	49.1	54.3	59.3	
14	07:00 PM to 08:00 PM	dB(A)	51.2	55.5	60.6	
15	08:00 PM to 09:00 PM	dB(A)	52.4	57.2	61.2	
16	09:00 PM to 10:00 PM	dB(A)	55.2	59.8	64.1	

Date of Study	19.02 to 20.02.2025	Night time	10:00PM to 6:00AM

SL No	Time	Unit	Minimum	Leq – Mean	Maximum	Day time Leq – Mean
17	10:00 PM to11:00 PM	dB(A)	47.8	52.3	57.3	52.4 dB(A)
18	11:00 PM to12:00 AM	dB(A)	40.0	44.2	48.9	
19	12:00 AM to01:00 AM	dB(A)	39.3	43.2	49.2	
20	01:00 AM to02:00 AM	dB(A)	43.9	48.4	52.4	
21	02:00 AM to03:00 AM	dB(A)	43.2	48.2	53.9	
22	03:00 AM to04:00 AM	dB(A)	48.9	54.1	59.1	
23	04:00 AM to05:00 AM	dB(A)	39.6	42.5	46.4	
24	05:00 AM to06:00 AM	dB(A)	43.7	48.4	52.0	

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ANNEXURE-7B

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URL NO. – TC1513625000000586F

TEST REPORT

Report Release Date	: 25.02.2025	Sample Ref. No.(ARF)	: EC/ARF/29/250253
Test Report No	: EC/TR/42/02277	Source of Sample	: Steel Plant
Type of Sample	: Noise	Sampling Date	: 18.02.2025
Sample Collected by	: Mr. Sumit Sarkar & Team	Period of Analysis	: ----
Sample Details	: Work Zone Noise	Sample Condition	: ----
Customer Name & Address	: **SPS Steels Rolling Mills Ltd.** P.O – Pachhandapur Dist – Purulia Village - Poradiha West Bengal Pin No – 722153	Remarks	: ----
		Sample Drawn By	: ECO CARE
		Sampling Plan & Procedure	: EC/SOP/03/01
		Deviation if any	: None

METEOROLOGICAL INFORMATION

1	Average Temperature (^{o}C)	27.3
2	Average Relative Humidity (%)	53
3	Barometric Pressure (mm of Hg)	752
4	Weather Condition	Clear Day

WORK ZONE NOISE QUALITY REPORT

Sampling Location		NOISE LEVEL		
		Minimum	**Leq – Mean**	**Maximum**
4.	Near Rotary Kiln No 1 & 2	64.30 dB(A)	69.26 dB(A)	73.90 dB(A)

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URL NO. – TC1513625000000583F

TEST REPORT

Report Release Date	: 25.02.2025	Sample Ref. No.(ARF)	: EC/ARF/29/250253
Test Report No	: EC/TR/42/02274	Source of Sample	: Steel Plant
Type of Sample	: Noise	Sampling Date	: 18.02.2025
Sample Collected by	: Mr. Sumit Sarkar & 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 Pin No – 722153	Sample Drawn By	: ECO CARE
		Sampling Plan & Procedure	: EC/SOP/03/01
		Deviation if any	: None

METEOROLOGICAL INFORMATION

1	Average Temperature (^{o}C)	27.3
2	Average Relative Humidity (%)	53
3	Barometric Pressure (mm of Hg)	752
4	Weather Condition	Clear Day

WORK ZONE NOISE QUALITY REPORT

Sampling Location	NOISE LEVEL		
	Minimum	Leq – Mean	Maximum
1. Near Rotary Kiln No 3 & 4	63.70 dB(A)	68.32 dB(A)	72.60 dB(A)

1. Test values are reported based on the samples received.
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URL NO. – TC1513625000000584F

TEST REPORT

Report Release Date	: 25.02.2025	Sample Ref. No.(ARF)	: EC/ARF/29/250253
Test Report No	: EC/TR/42/02275	Source of Sample	: Steel Plant
Type of Sample	: Noise	Sampling Date	: 18.02.2025
Sample Collected by	: Mr. Sumit Sarkar & Team	Period of Analysis	: ----
Sample Details	: Work Zone Noise	Sample Condition	: ----
Customer Name & Address	: **SPS Steels Rolling Mills Ltd.** P.O – Pachhandapur Dist – Purulia Village - Poradiha West Bengal Pin No – 722153	Remarks	: ----
		Sample Drawn By	: ECO CARE
		Sampling Plan & Procedure	: EC/SOP/03/01
		Deviation if any	: None

METEOROLOGICAL INFORMATION

1	Average Temperature (°C)	27.3
2	Average Relative Humidity (%)	53
3	Barometric Pressure (mm of Hg)	752
4	Weather Condition	Clear Day

WORK ZONE NOISE QUALITY REPORT

Sampling Location		NOISE LEVEL		
		Minimum	Leq – Mean	Maximum
2.	Near AFBC Boiler area	59.10 dB(A)	64.20 dB(A)	69.30 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

Dr. Mousumi Pal
Ph.D.(Env.), Scientist
Authorised Signatory

Eco Care

TC-15136

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. – TC1513625000000585F

TEST REPORT

Report Release Date	: 25.02.2025	Sample Ref. No.(ARF)	: EC/ARF/29/250253
Test Report No	: EC/TR/42/02276	Source of Sample	: Steel Plant
Type of Sample	: Noise	Sampling Date	: 18.02.2025
Sample Collected by	: Mr. Sumit Sarkar & Team	Period of Analysis	: ----
Sample Details	: Work Zone Noise	Sample Condition	: ----
Customer Name & Address	: **SPS Steels Rolling Mills Ltd.** P.O – Pachhandapur Dist – Purulia Village - Poradiha West Bengal Pin No – 722153	Remarks	: ----
		Sample Drawn By	: ECO CARE
		Sampling Plan & Procedure	: EC/SOP/03/01
		Deviation if any	: None

METEOROLOGICAL INFORMATION

1	Average Temperature (^{o}C)	27.3
2	Average Relative Humidity (%)	53
3	Barometric Pressure (mm of Hg)	752
4	Weather Condition	Clear Day

WORK ZONE NOISE QUALITY REPORT

Sampling Location	NOISE LEVEL		
3. Near SAF Control Room	56.40 dB(A)	61.44 dB(A)	66.50 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

Dr. Mousumi Pal
Ph.D.(Env.), Scientist
Authorised Signatory

ANNEXURE-8A

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 clay 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 Ladia
Degn: AGM-Commercial

ANNEXURE-8B

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.easterncoal.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.

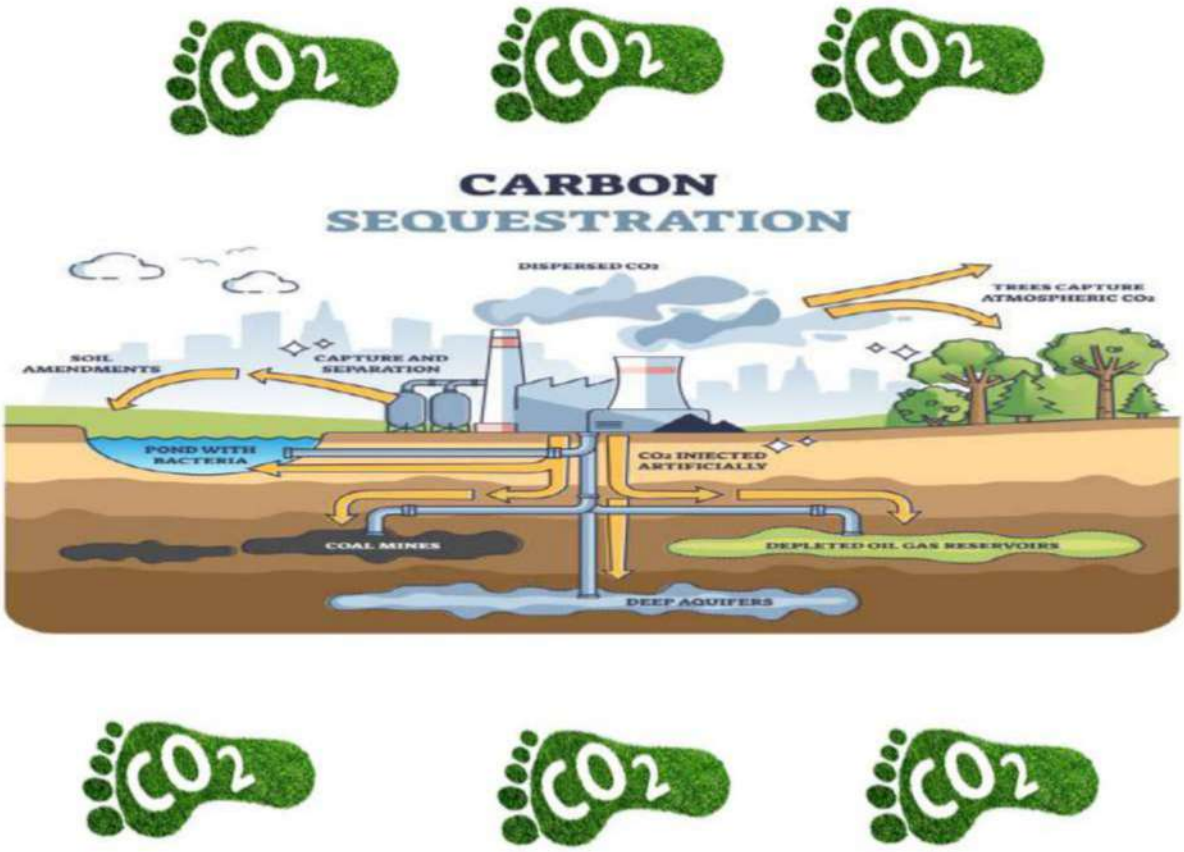
Yours faithfully

24/02/2022

Area Personnel Manager
Sodepur Area

ANNEXURE-9

SPS STEELS ROLLING MILLS LTD., UNIT-II



CARBON FOOTPRINT & CARBON SEQUESTRATION STUDY REPORT

Project Location:

Village: Poradiha, Sunurhi, Chandurdi,
PO: Pachhandapur, Dist: Purulia, (WB)-722153

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 tonnes 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 CO2 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 commercialise new low-emissions processes, including those that integrate CCUS and hydrogen, to realise 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 CO2 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 CO2, CH4 and N2O 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 CO2 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 CO2 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.

Overall Carbon footprint

❖ *Sponge Iron Division (DRI Plant)*

Following table shows the CO2 emissions

Table 1: CO2 e Emission from DRI Division

Plant	Product	Total Production	Emission Factor	CO2e Emissions (TPA)
Sponge Iron Plant	Sponge Iron	119961	0.7*	83972.7

** Emission Factor based on 2006 IPCC Guidelines for National Greenhouse Gas Inventories*

❖ Ferro Division

Following table shows the C02 emissions

Table 2: C02 e Emission from SEAF

Unit	Product	Quantity (TPA)	Emission Factor (T/T)	C02e Emission (TPA)
SEAF (1x9 MVA)	Fe-Mn	0	1.3	0.00
	Si-Mn	12,627	1.4	17678.32

For ferro alloys product considered as C02e Emission of 17678.32TPA

❖ CPP DIVISION

Table 3: C02 e Emission from Captive Power Plant

Plant	Required Fuel	Quantity TPA	Carbon Content	Combustion Rate	C02e Emissions after proposed expansion of the plant (T/Year)
CPP (10MW)	Coal	756.62	0.67	95%	1,767.43
	Dolochar	47,607.75	0.25	95%	41,496.11
				Total	43263.53

[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 CO_2 emissions without seriously undermining process efficiency or considerably adding to costs. The iron and steel industry are the largest industrial source of CO_2 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
- Regenerative Burners in Re-heating Furnaces of Rolling Mills
- Hot charging process of continuously cast products at higher temperature directly to Rolling Mills which eliminate the need for re-heating furnaces.
- Scoping the minimum use of Reheating Furnaces
- Adoption of Variable Voltage Variable Frequency (VVVF) Drives for high capacity electric motors
- Minimising 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, scales, 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.

- Direct hot charging of billets from SMS to rolling mill.
- 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 112 MW power as green as cogeneration source of power by using sensible heat through Waste Heat Recovery Boilers (WHRBs) installed/to be installed with individual DRI Kilns (existing 4x100TPD and proposed DRI Kilns 6x600 TPD) after proposed expansion project.*
  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 CO_2 e Emission of 21,96,479.38TPA. 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

- SPS Steels Rolling Mills Limited, Unit-II shall prefer direct charging of hot billets to rolling mills from SMS. This attempt will remarkably reduce dependency on re-heating furnace and burning of fossil fuel like LSHS/LDO and consequently reduce the CO_2 emission. Company shall always scope the optimal use of reheating furnaces proposed in expansion project.
- 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.

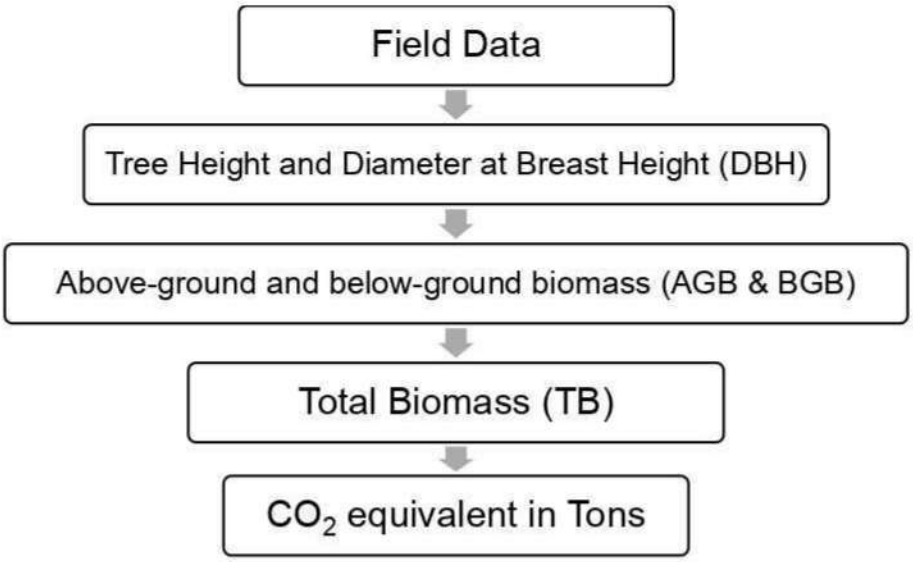
Carbon Sequestration

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 (m^2) = $(GBH)^2/4\pi$

Bio-volume (m^3) = Basal area x Height of the tree

AGB (kg) = Bio-volume x Wood density (kg/m^3)

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 CO_2 and C, respectively.

SPS Steels Rolling Mills Limited, Unit-II shall cover 33% (42.81ha.) land of total project area of 129.74ha with plantation of 107100 plants. The carbon sequestration by plantation shown in the following table:

S.No.	Plant Species		Redias at Breast Height (inch)	Redias at Breast Height (m)	Girth at Breast Height (In)	Basal Area (m2)	Avg. Plant Height (m)	Volume (m3)	Avg. Wood Density with Moisture (Kg/m3)	Moisture Content	Avg. Wood Density without moisture (Kg/m3)	AGB (kg)	BGB (kg)	TB (kg)	TC (kg)	No. of Plants	CO_2e (kg)
1	Azadirachta indica	Neem	3	0.08	0.48	0.04	4	0.15	580	45	319	48.6	12.6	61.3	30.6	551.0	61934.7
2	Polyalthia longifolia	Debdaru	2	0.05	0.32	0.03	5	0.13	770	45	423.5	53.8	14.0	67.8	33.9	134.0	16663.6
3	Acacia auriculiformis	Sonajhuri	3.2	0.08	0.51	0.04	4	0.16	600	45	330	53.6	13.9	67.6	33.8	808.0	100218.0
4	Dalbergia sissoo	Shishu	4.6	0.12	0.73	0.06	6	0.35	550	45	302.5	106.0	27.6	133.6	66.8	1582.0	387838.8
5	Anthocephalus cadamba	Kadam	5	0.13	0.80	0.06	7	0.44	425	45	233.75	103.9	27.0	130.9	65.5	263.0	63180.9
6	Mimusops elengi	Bakul	7	0.18	1.12	0.09	2	0.18	870	45	478.5	85.1	22.1	107.2	53.6	88.0	17310.2
7	Albizzia lebbeck	Sreesh	9	0.23	1.44	0.11	6	0.69	600	45	330	226.3	58.8	285.2	142.6	96.0	50233.0
8	Cono Carpus	Cono Carpus	2	0.05	0.32	0.03	4	0.10	750	45	412.5	41.9	10.9	52.8	26.4	1974.0	191280.8
9	Azadirachta indica	segun	4	0.10	0.64	0.05	9	0.46	550	45	302.5	138.3	36.0	174.3	87.1	144.0	46046.9
10	Ficus benghalensis	Banyan	3	0.08	0.48	0.04	6	0.23	580	45	319	72.9	19.0	91.9	45.9	46.0	7755.9
11	Ficus religiosa	peepal	5	0.13	0.80	0.06	5	0.32	500	45	275	87.3	22.7	110.0	55.0	96.0	19380.0
12	Lagerstroemia speciosa	Jarul	4	0.10	0.64	0.05	3	0.15	530	45	291.5	44.4	11.6	56.0	28.0	186.0	19104.8
13	Alstonia scholaris	Chhatim	6	0.15	0.96	0.08	5	0.38	360	45	198	75.4	19.6	95.1	47.5	243.0	42384.1
14	Terminalia arjuna	Arjun	3	0.08	0.48	0.04	4	0.15	680	45	374	57.0	14.8	71.8	35.9	176.0	23194.0
15	Gmelina arborea	Gamar	3	0.08	0.48	0.04	3	0.11	450	45	247.5	28.3	7.4	35.6	17.8	379.0	24789.5
16	Tecoma stans	Ttikoma	5.6	0.14	0.89	0.07	2	0.14	580	45	319	45.4	11.8	57.2	28.6	124.0	13008.9
17	Bauhinia purpurea	Kanchan	5	0.13	0.80	0.06	2	0.13	560	45	308	39.1	10.2	49.3	24.6	154.0	13927.8
18	Bougainvillea spp.	Boganbellia	1	0.03	0.16	0.01	2	0.03	540	45	297	7.5	2.0	9.5	4.8	126.0	2197.7
19	Hyophorbe lagenicaulis	Bottle palm	4	0.10	0.64	0.05	1.5	0.08	550	45	302.5	23.1	6.0	29.0	14.5	54.0	2877.9
															Total	**7224.0**	**1103327.6**

Installation of Solar Facilities:

M/s SPS has proposed to install 2500 Kwp Solar Rooftop system to produce non-conventional green energy for office & auxiliary usage. It will be helpful in carbon sequestration as follows shown in Table 8(b).

Table-8(a)

The capacity of Solar Panel	2500Kwp
Av. Power Generation	2.5 MWh
Power generation in 24 hours	60.0 MWh
Power generation in a year	21900.00MW

Table-8(b)

CARBON SEQUESTRATION	
Av Coal consumption per MW	0.90T
Total Coal consumption for 350 MW	315 T
Total Carbon as FC	211.06 T
Total $_{CO2e}$ emission Sequestration	**48464.92T**

Table-7 show that the total CO_2e sequestration potential from greenbelt development (107100 nos. trees) is estimated to be ***34,603 tons CO_2e/Annum***. This number is aimed to be maintained on a yearly basis target by plantations & gap filling to reduce & sequestrate CO_2 e emissions.

In addition to afforestation, installation of the solar panel shall contribute carbon sequestration up to ***48464.92T CO_2e/Annum*** i.e. Approx. 133Ton/day.

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 CO2-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 available technologies can be retrofitted to achieve significant reductions, which is possible after commercial deployment of the same by the Government of India.

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ANNEXURE-10

GREEN BELT & PAVER BLOCK PHOTOGRAPHS

ANNEXURE-11

SL No.	Descriptions	Page No.
1	Introduction	2
2	Organization Structure	3
3	Manpower and working shift	4
4	Nature of Hazards	4
5	Process Description	4-6
6	Inventory of Raw Material and Hazardous Waste	6-7
7	Onsite Emergency Plan	7-8
8	Identification of Hazards	8-9
9	Key persons and their role	10
10	Action Plan for Risk & Disaster Management	13
11	Facilities for on-site emergency plan	16
12	Disaster Management Plan (DMP)	18
13	Emergency Command Structure	20
14	Emergency contact numbers	21

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.

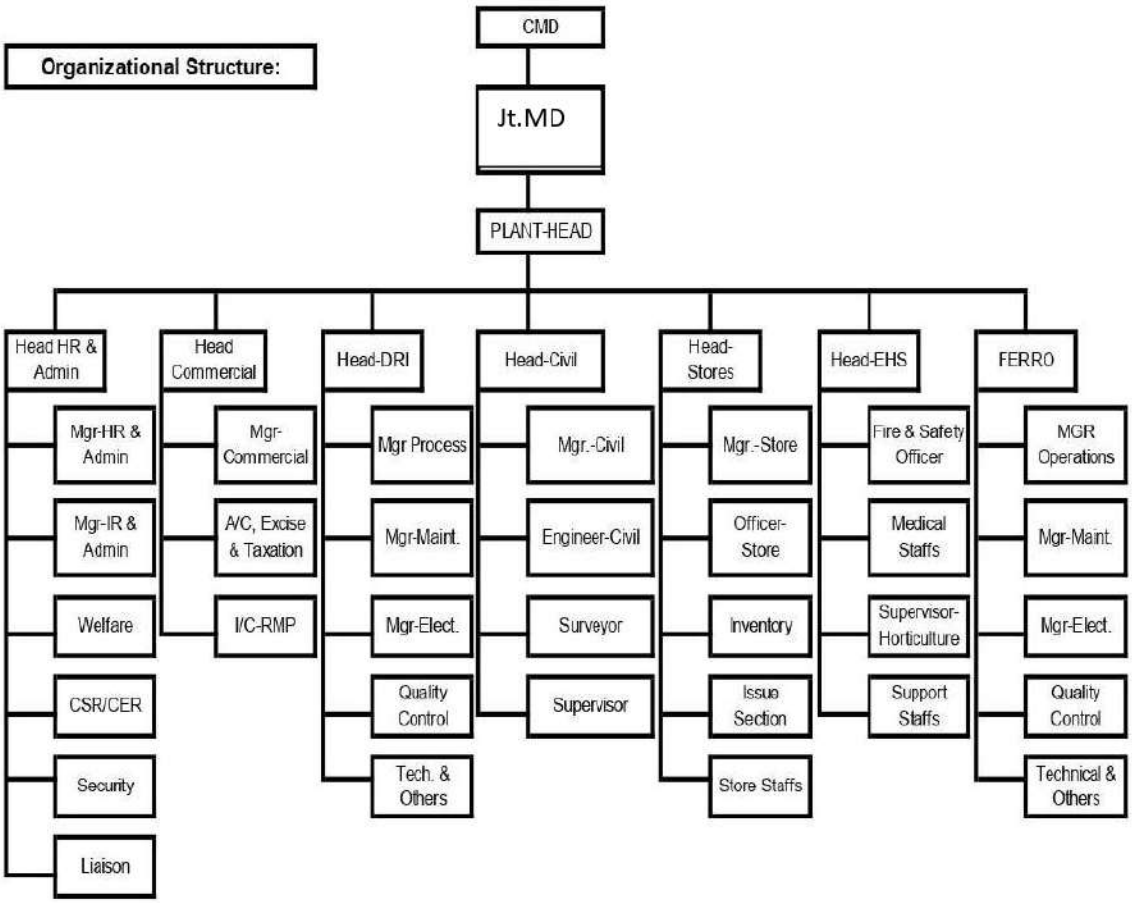
GENERAL INFORMATION ABOUT THE FACTORY:

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 chemical 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 himto 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 role 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 Leader (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/cm². 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 facilities 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. Parimal vinzey(Unit Head)

⇩

Works Incident Controller (WIC)
Mr. Ramashankar Singh(GM)

⇩

Site Incident Controller(SIC)
1. Mr. Sandeep Yadav (AGM-CPP)
2. Mr. Leman Pandro (AGM)
3. Mr. Lalchand Ghorui (AGM)

⇩

Auxiliary Team Leader(ATL)	Combat Team Leader(CTL)	Rescue Team Leader(RTL)
1. Mr. R.K. Singh (AVP-HR,IR & Admin)	1. Mr. Sandeep Yadav (AGM-CPP)	1. Mr. Abinash Porel (Sr. Officer- Safety)
2. Mr. Kalyan kr. Halder (GM-HR,IR & Admin)	2. Mr. Lalchand Ghorui (AGM-FERRO)	2. Mr. Sandip Verma (AGM-DRI-Mechanical)
3. Mr. Raj Kumar Ladia (AGM-Commercial)	3. Mr. Biswajit Das (Assistant Manager E&I)	3. Mr. Maidul Islam (DY. Manager-Ferro)
	4. Mr. Bandan Mandal (AGM- land Acquisition)	4. Mr. Shiv Shankar Bhim (Assistant Manager-Civil)

Members	Members	Members
1. Mr. Betal Yudhishthir (Ferro -QC)	1. Mr. Shailendra Kumar Pathak (DY. Manager- Mechanical)	1. Mr. Raja Bauri (Sr.Engineer-Mechanical)
2. Mr. Fadrick Sanjay Asna (Manager- Store)	2. Mr. Debsagar Tiwary (Assistant Manager- Electrical)	2. Mr. Nobin Kr. Mandal (Assistant Officer -Safety)
3. Mr. Sandip Kr. Sharma (Manager-Process)	3. Mr. Sanuraga Somya Natha (Senior Shift In-charge-Electrical)	3. Mr. Santosh Rajak (Pharmacist)
4 .Mr. Partha Goswami (Chief Security Officer)	4. Mr. Santosh Kr. Jha (Manager-QC)	4. Mr. Sudhansu Sekhar Das (Supervisor- Safety)

TELEPHONE NUMBERS OF EMERGENCY COMMAND TEAM

Sl. No.	Name	Position in Team	Mob. Number	PAX. No.
1	Mr. Parimal Vinzey	Works Main Controller (WMC)	9975213651	
2	Mr. Rama Shankar Singh	Works Incident Controller (WIC)	7605076354	
3	Mr. Lalchand Ghorui	Site Incident Controller (SIC)	9732087679	
4	Mr. Sandeep Yadav		7067656075	
5	Mr. Leman Pandro		9038127171	
6	Mr. R.K.Singh	Auxiliary Team Leader (ATL)	9147010378	
7	Mr. Raj Kumar Ladia		9831791974	
8	Mr. Kalyan kr. Halder		8240501216	
9	Mr. Sandeep Yadav	Combat Team Leader (CTL)	7067656075	
10	Mr. Lalchand Ghorui		9732087679	
11	Mr. Biswajit Das		9382850656	
12	5. Mr. Bandan Mandal		8250227478	
13	Mr. Abinash Porel	Rescue Team Leader (RTL)	9051355045	
14	Mr. Sandip Verma		7605057739	
15	Mr. Maidul Islam		8509613534	
16	Mr. Shivshankar Bhim		7699141344	

EMERGENCY CONTACT NUMBERS: SPS-II

Sl. No.	Name	Mob. No.	PAX No.
1	Factory Main Gate	9147157145	
2	Factory Security In-charge	9348531048	
3	Factory Medical Unit/OHC	8768609599	
4	Factory Ambulance	8981116063	
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-12

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-09-05-2025

SL No.	Employees Name (Mr.)	Fathers Name (Shri)	Designation	D . O . B.	Parameters											
					Weight	PR	BP	CBG	Blood Group	RH Factor	ECG	X-Ray	Audiomatry	Eye Vision (Distance)	Eye Vision (Near)	Colour Vision (Near)	Remarks
1	PRABHAT KUMAR	SRI SHIV KUMAR SINGH	SHIFT INCH.	24-02-86	85	112	118/74	81	B+	POSITIVE	NAD	NAD	RT-30DS,LF-30DY	6/12	N/12	NORMAL	
2	SWARUP KR. MARIK	ANADIPRASAD MARIK	SHIFT INCH.	26-01-86	92	97	122/88	78	A+	POSITIVE	NAD	NAD	RT-25DS,LF-25DY	6/6	N/6	NORMAL	
3	BASUDEV KARMAKAR	MOLINDRA KARMAKAR	FITTER	01-01-1975	55	91	142/96	68	B+	POSITIVE	NAD	NAD	RT-35DS,LF-35DY	6/9	N/9	NORMAL	
4	RAHUL BISHAL	LATE JITEN BISHAL	SHIFT ENGG.	21-09-96	57	82	122/78	65	B+	POSITIVE	NAD	NAD	RT-25DS,LF-25DY	6/6	N/9	NORMAL	
5	UTTAM DAS	LATE MANIK DAS	FITTER	01-11-1972	72	98	132/89	68	A+	POSITIVE	NAD	NAD	RT-30DS,LF-30DY	6/6	N/9	NORMAL	
6	BHOLA PANDIT	SURYANATH PANDIT	FITTER	01-01-1992	65	91	122/84	75	O+	POSITIVE	NAD	NAD	RT-30DS,LF-30DY	6/6	N/9	NORMAL	
7	SHUVA DEY	UJJAL DEY	JR.ENGINEER	24-11-1999	50	79	99/64	71	B+	POSITIVE	NAD	NAD	RT-25DS,LF-30DY	6/6	N/9	NORMAL	
8	SANTIMOY MONDAL	LATE SANTOSH KR. MONDAL	INCHARGE	28-01-1984	64	87	112/78	72	A+	POSITIVE	NAD	NAD	RT-35DS,LF-35DY	6/6	N/9	NORMAL	
9	ARJUN KR. MISHRA	LATE SRIYEND MISHRA	SHIFT INCH.	09-09-1976	70	99	138/84	75	A+	POSITIVE	NAD	NAD	RT-30DS,LF-30DY	6/6	N/9	NORMAL	
10	SOUMEN SAMANTA	NARAYAN CH. SAMANTA	CHEMIST	05-09-1994	72	102	132/79	75	O+	POSITIVE	NAD	NAD	RT-30DS,LF-30DY	6/9	N/9	NORMAL	
11	GANESH HANSDA	NANDALAL HANSDA	HELPER	21-07-1987	70	89	139/89	77	A+	POSITIVE	NAD	NAD	RT-25DS,LF-30DY	6/6	N/6	NORMAL	
12	SHIV SHANKAR YADAV	SHRI MOTILAL YADAV	FORKLIFT OPERATOR	15-12-1974	67	102	130/75	82	O+	POSITIVE	NAD	NAD	RT-30DS,LF-30DY	6/12	N/12	NORMAL	
13	UJJAL KUMAR	SHIKLAL KUMAR	SHIFT INCH.	24-03-1997	72	101	116/82	74	A+	POSITIVE	NAD	NAD	RT-25DS,LF-25DY	6/9	N/9	NORMAL	

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

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

Health Checkup Details Of Employees

Date-09-05-2025

SL No.	Employees Name (Mr.)	Fathers Name (Shri)	Designation	D.O.B.	Parameters												
					Weight	PR	BP	CBG	Blood Group	RH Factor	ECG	X-Ray	Audiomatry	Eye Vision (Distance)	Eye Vision (Near)	Colour Vision (Near)	Remarks
14	MIRINMOY MUKHERJEE	ASHISH MIKHERJEE	CRO	18-05-1993	70	91	121/88	68	B+	POSITIVE	NAD	NAD	RT-30DS,LF-30DY	6/9	N/9	NORMAL	
15	MIRINMOY GHOSH	LALMOHAN GHOSH	CHEMIST	26-09-1984	62	83	113/84	63	B+	POSITIVE	NAD	NAD	RT-30DS,LF-30DY	6/6	N/9	NORMAL	
16	RABI BAURI	GOPAL BAURI	HELPER	01-01-1972	40	98	140/75	95	O+	POSITIVE	NAD	NAD	RT-50DS,LF-45DY	6/8	N/18	NORMAL	
17	ARINDAM KUMBHAKAR	BIMAL CH. KUMBHAKAR	ELECTRICIAN	05-09-1997	51	105	118/78	68	O+	POSITIVE	NAD	NAD	RT-25DS,LF-25DY	6/6	N/6	NORMAL	
18	S. SOMNATH	MONAMOHAN NATH	SR.SHIFT INCH.	10-10-1990	69	97	113/73	66	O+	POSITIVE	NAD	NAD	RT-25DS,LF-30DY	6/6	N/6	NORMAL	
19	KISHORE ROY	LATE DUKHAHARA ROY	ELECTRICIAN	12-09-1982	53	86	134/83	78	A+	POSITIVE	NAD	NAD	RT-25DS,LF-25DY	6/6	N/9	NORMAL	
20	SUPRIYA MONDAL	S. SHANKAR MONDAL	ELECTRICIAN	21-03-2000	60	81	116/79	82	B+	POSITIVE	NAD	NAD	RT-25DS,LF-30DY	6/6	N/9	NORMAL	
21	PREMCHAND MURMU	SUPLAL MURMU	HELPER	05-06-2000	50	77	128/86	71	O+	POSITIVE	NAD	NAD	RT-25DS,LF-25DY	6/6	N/9	NORMAL	
22	RAGHUNATH MURMU	MAHADEV MURMU	HELPER	03-05-2003	61	73	124/79	68	O+	POSITIVE	NAD	NAD	RT-25DS,LF-25DY	6/6	N/9	NORMAL	
23	RABAN TUDU	SURYA TUDU	HELPER	01-01-1992	64	83	124/88	75	B+	POSITIVE	NAD	NAD	RT-30DS,LF-30DY	6/6	N/9	NORMAL	
24	UPEN MURMU	BARKA MURMU	HELPER	27-03-1992	70	99	130/79	68	O+	POSITIVE	NAD	NAD	RT-30DS,LF-30DY	6/9	N/9	NORMAL	
25	KALI MURMU	BHUDA MURMU	HELPER	02-01-1988	60	92	128/83	71	B+	POSITIVE	NAD	NAD	RT-25DS,LF-25DY	6/6	N/9	NORMAL	
26	SHYAMLAL TUDU	LADH TUDU	HELPER	01-01-1984	64	94	123/78	75	B+	POSITIVE	NAD	NAD	RT-25DS,LF-25DY	6/12	N/12	NORMAL	

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Health Checkup Details Of Employees

Date-09-05-2025

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
27	JOYDEV KARMAKAR	KANGAL KARMAKAR	HELPER	13-07-1991	70	74	134/92	86	O+	POSITIVE	NAD	NAD	NORMAL	6/6	N/9	NORMAL	
28	KAMALESH ROY	LATE KALIDAS ROY	ASH. H. OPR.	28-12-1967	60	75	127/84	85	O+	POSITIVE	NAD	NAD	NORMAL	6/6	N/9	NORMAL	
29	PRADIP PATTAK	AJIT KR. PATTAK	CHEMIST	17-09-1978	65	102	133/92	71	B+	POSITIVE	NAD	NAD	NORMAL	6/6	N/9	NORMAL	
30	KANCHAN MUDI	LAMBHODHAR MUDI	J.S.I	20-04-2000	63	64	118/75	68	O+	POSITIVE	NAD	NAD	NORMAL	6/6	N/9	NORMAL	
31	SUMIT PARTRA	ADHIR CH. PATRA	A.S.I	09-05-1987	73	95	132/78	74	O+	POSITIVE	NAD	NAD	NORMAL	6/6	N/9	NORMAL	
32	SUNNEL KR. DUBEY	LATE SHANKAR DUBEY	ELECTRICIAN	30-07-1990	53	111	135/86	78	B+	POSITIVE	NAD	NAD	NORMAL	6/6	N/9	NORMAL	
33	NAREN HEMBRAM	BOLAHARI HEMBRAM	HELPER	15-07-1990	68	75	116/80	62	AB+	POSITIVE	NAD	NAD	NORMAL	6/6	N/6	NORMAL	
34	RABI DAS TUDU	LATE BORKA TUDU	HELPER	20-09-1983	58	83	140/90	71	AB+	POSITIVE	NAD	NAD	NORMAL	6/6	N/6	NORMAL	
35	DAYAMOY MONDAL	BHAJHARI MONDAL	HELPER	01-01-1986	61	106	125/86	87	B+	POSITIVE	NAD	NAD	NORMAL	6/6	N/6	NORMAL	
36	SHIBU KISKU	PRADA KISKU	HELPER	01-01-1985	54	100	136/84	91	O+	POSITIVE	NAD	NAD	NORMAL	6/6	N/6	NORMAL	
37	MRINAL KANTI DEY	LATE PRASANTA KR. DEY	SR. CHEMIST	08-07-1975	74	92	140/98	81	A+	POSITIVE	NAD	NAD	NORMAL	6/6	N/6	NORMAL	
38	BISHAN MURMU	SHYAMLAL MURMU	HELPER	19-02-2004	80	70	135/84	76	A+	POSITIVE	NAD	NAD	NORMAL	6/6	N/6	NORMAL	
39	UTTAM BAURI	TULI BAURI	HELPER	01-01-1977	55	88	142/92	100	B+	POSITIVE	NAD	NAD	NORMAL	6/6	N/6	NORMAL	

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Health Checkup Details Of Employees

Date-09-05-2025

Sl. No.	Employees Name (Mr.)	Fathers Name (Shri)	Designation	D . O . B.	Parameters												
					Weight	PR	BP	CBG	Blood Group	RH Factor	ECG	X-Ray	Audiomatry	Eye Vision (Distance)	Eye Vision (Near)	Colour Vision (Near)	Remarks
40	VAJAHARI MONDAL	LAXMIKANTA MONDAL	2nd CLASS BOILER OPERATOR	02-04-1988	65	88	128/90	98	B+	POSITIVE	NAD	NAD	RT-25DB,LF-25DB	6/6	N/9	NORMAL	
41	RANJIT METE	ANANDMOY METE	FITTER	10-05-1992	64	72	121/60	68	B+	POSITIVE	NAD	NAD	RT-25DB,LF-25DB	6/6	N/9	NORMAL	
42	MIHIR SUTRADHAR	NABANI SUTRADHAR	HELPER	06-06-1973	67	98	129/85	98	O+	POSITIVE	NAD	NAD	RT-30DB,LF-30DB	6/6	N/9	NORMAL	
43	MD SUKUR KHAN	MD SAMIR KHAN	HELPER	01-01-1975	48	79	126/82	85	O+	POSITIVE	NAD	NAD	RT-25DB,LF-25DB	6/18	N/18	NORMAL	
44	RAJU MOLLICK	BIKASH MOLLICK	CUTTER CUM WEKDER	05-04-1991	85	94	142/95	71	O+	POSITIVE	NAD	NAD	RT-30DB,LF-25DB	6/6	N/6	NORMAL	
45	ASHISH DUTTA	JOGENDRA DUTTA	ELECTRICIAN	02-12-1999	46	91	110/74	68	O-	NEGATIVE	NAD	NAD	RT-35DB,LF-35DB	6/6	N/9	NORMAL	
46	ANISH MUKHERJEE	HORENDRA NATH MUKHERJEE	DET	10-03-2006	72	84	132/81	65	B+	POSITIVE	NAD	NAD	RT-25DB,LF-30DB	6/6	N/9	NORMAL	
47	DURGADAS KISKU	BURA KISKU	HELPER	04-05-1990	65	81	124/83	71	B+	POSITIVE	NAD	NAD	RT-30DB,LF-30DB	6/6	N/9	NORMAL	
48	TAPAN KR. MONDAL	LATE RAMGOPAL MONDAL	CHP OPR.	22-09-1989	50	94	115/80	69	B+	POSITIVE	NAD	NAD	RT-30DB,LF-30DB	6/6	N/9	NORMAL	
49	RAHUL KUSWAHA	SURENDRA VERMA	A.S.I	30-11-1998	55	77	132/86	70	A+	POSITIVE	NAD	NAD	RT-25DB,LF-30DB	6/6	N/9	NORMAL	
50	SOURAV DUTTA	BABLU DUTTA	JR.ENGINEER	25-09-1993	54	82	103/70	75	B+	POSITIVE	NAD	NAD	RT-35DB,LF-35DB	6/6	N/9	NORMAL	
51	CHINTU DUTTA	LATE TAPAN DUTTA	SHIFT INCH.	11-07-1991	80	91	122/81	81	A+	POSITIVE	NAD	NAD	RT-25DB,LF-25DB	6/6	N/9	NORMAL	
52	NAYAN GHOSH	RANJIT GHOSH	SR.ENGINEER	10-04-1996	58	107	127/89	89	B+	POSITIVE	NAD	NAD	RT-25DB,LF-25DB	6/6	N/9	NORMAL	

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

ANNEXURE-13

CORPORATE ENVIRONMENT POLICY

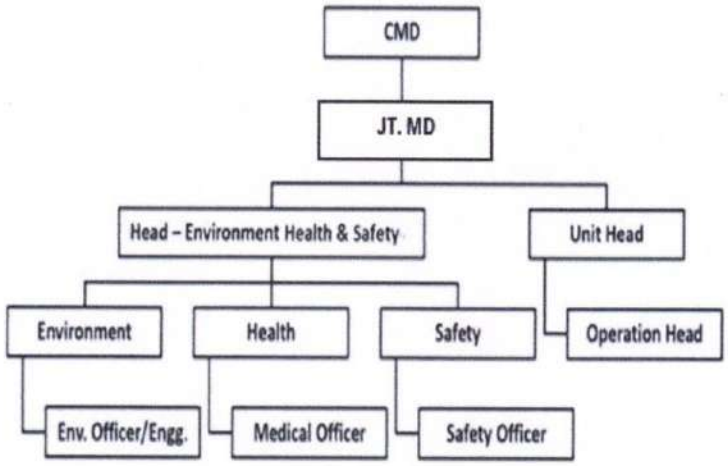
M/s SPS Steels Rolling Mills Limited, engaged in production of steel products, is committed towards sustainable development. The mission of **M/s SPS Steels Rolling Mills Limited** is to produce steel in an environment friendly manner and strive to:

- 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-14

নতুন রূপে সাজল গুগল ডুডল

কলকাতা: লিপ ডে। বছরের বারোমাস থেকে আরও একটা বাড়তি দিন। ২৯ ফেব্রুয়ারির এই বিশেষ দিনটি উদযাপন করতে বিশ্বজুড়েই নানা অনুষ্ঠানের আয়োজন। বাদ পড়ল না গুগলও। বিশেষ দিন উপলক্ষে নয়া সাজে দেখা দিল গুগল ডুডল। উত্তর পেতে পিছিয়ে যেতে হবে প্রায় দু'হাজার বছর। ৪৬ খ্রিস্টাব্দের পর থেকেই বিশ্বজুড়ে সিদ্ধান্ত নেওয়া হয় যে, চার বছর অন্তর ক্যালেন্ডারে যোগ হবে বাড়তি একটি দিন। কারণ সূর্যকে একবার প্রদক্ষিণ করতে পৃথিবীর সময় লাগে ৩৬৫ দিন ৬ ঘণ্টা। ওই ৬ ঘণ্টা সময় মিলিয়ে চার বছর অন্তর একটি করে বাড়তি দিন যোগ হয় ক্যালেন্ডারে।

CORRIGENDUM

Tender is hereby invited by the Executive Engineer, PWD, South 24 Parganas Electrical Division, 57/2, Diamond Harbour Road, Kolkata-700023 from the eligible contractors for the following works. This is notify that the last date of receipt of the bids are extended upto 01.03.2024 upto 04.00 pm. for the following works: (i) Temporary Electrical Installation & DG Set, on hire basis, for accommodation of CAPF (Advance Party) at Alghara Kali Krishna Bidyapith (HQ) and Snehakunja Pukala Vivekanada pally under Baruipur PS, under Baruipur Police district, in connection with ensuring GE to Loksabha-2024 [for 90 days]. (Tender Ref: 98/Q of South 24 pgsed of 2023-24). (ii) Temporary Electrical Installation & DG Set, on hire basis, for accommodation of CAPF (Advance Party) at Joynagar Model School(Govt.), Nimpith under Bakultala PS, under Baruipur Police district, in connection with ensuring GE to Loksabha-2024 [for 90 days]. (Tender Ref: 99/Q of South 24 pgsed of 2023-24) (iii) Temporary Electrical Installation & DG Set, on hire basis, for accommodation of CAPF (Advance Party) at Panchuakhali Flood Centre under Kultali PS, under Baruipur Police district, in connection with ensuring GE to Loksabha-2024 [for 90 days]. (Tender Ref: 100/Q of South 24 pgsed of 2023-24), (iv) Temporary Electrical Installation & DG Set, on hire basis, for accommodation of CAPF (Advance Party) at Takli Mohon Chand High School under Canning PS, under Baruipur Police district, in connection with ensuring GE to Loksabha-2024 [for 90 days]. (Tender Ref: 101/Q of South 24 pgsed of 2023-24) (v) Temporary Electrical Installation & DG Set, on hire basis, for accommodation of CAPF (Advance Party) at Bhangankhali F.P School Flood Centre under Basanti PS, under Baruipur Police district, in connection with ensuring GE to Loksabha-2024 [for 90 days]. (Tender Ref: 102/Q of South 24 pgsed of 2023-24) (vi) Temporary Electrical Installation & DG Set, on hire basis, for accommodation of CAPF (Advance Party) at Moyrachak Flood Centre under Dholahat PS, under Sundarban Police district, in connection with ensuring GE to Loksabha-2024 [for 90 days]. (Tender Ref: 103/Q of South 24 pgsed of 2023-24) (vii) Temporary Electrical Installation & DG Set, on hire basis, for accommodation of CAPF (Advance Party) at Shibkalinagar Flood Centre under Harwood Point Coastal PS, under Sundarban Police distict, in connection with ensuring GE to Loksabha-2024 [for 90 days]. (Tender Ref: 104/Q of South 24 pgsed of 2023-24). Bid submission start date: 29-02-2024 from 01.00 P.M. Bid Submission closing: 01.03-2024 at 04.00 P.M. Bid opening Date: 01.03-2024 after 04.00 P.M.

Sd/- P. Sarkar
Executive Engineer, PWD
South 24 Parganas Electrical

NOTICE INVITING TENDER SHORT NOTICE ELECTION URGENT

Sealed Tender is invited by the Executive Engineer, P.W.D. Howrah Electrical Division, Onkarmal Jetia Road, Howrah–711103. NIT No. WBPWD/EE/HED/NIT-52 of 2023-2024, Memo 516 Date. 29.02.2024. NAME OF WORK:- Temporary Electrical Installation works & other Utility for Accommodation of CAPF in c/w ensuing Lok Sabha Election-2024 at Alamin Hat under Jagacha PS. Last date of Permission 02.03.2024 up to 11-00 AM. Intending bidder may download the Quotation documents from the website: www.pwd.wb.in

A. Das
Executive Engineer, P.W.D.
Howrah Electrical Division.
Govt. of West Bengal

-: TENDER NOTICE :-

West Bengal Police Housing & Infrastructure Development Corpn Ltd having its office at 3rd floor, Araksha Bhawan, Block – DJ, Sector – II, Salt Lake, Kolkata – 91 is inviting open tender from experienced agency for works of (A) WBPHIDCL/EE-(HQ-I)/NIT229(e)/2023-2024 (2nd Call) Sl No. 1 to 3, (i) Day to day Operation and Maintenance of Pump Motor Set along with electrical maintenance of all types of internal & external electrical installation of different residential & non residential buildings at Karaya PS Campus PHE, Lake PS, Beniapukur PS, Panchasayar PS, Purba Jadavpore PS and Charakdanga PHE etc. under East Division and South East Division under Kolkata Police for 12 months (365 days) from 01.04.2024 to 31.03.2025. **Estimated Amount put to Tender Rs. 9,03,168/-, Tender Id: 2024_WBSPH_676626_1**, (ii) Day to day Operation and Maintenance of Pump Motor Set along with electrical maintenance of all types of internal & external electrical installation of different residential & non residential buildings at KAP 2nd and 8th battalian, Shantineer PHE, Sinthee P.S. Campus, Cossipore P.S. and PHE, South Sinthee PHE, 29/1, B.T.Road, Kolkata under Kolkata Police for 12 months (365 days) from 01.04.2024 to 31.03.2025. **Estimated Amount put to Tender Rs. 9,03,168/-, Tender Id: 2024_WBSPH_676626_2**, (iii) Day to day Operation and Maintenance of Pump Motor Set along with electrical maintenance of all types of internal & external electrical installation of different residential & non residential buildings at Tollygunge Telecom Hqrs., PHE & IPS Mess at Moore Avenue, South West T.G., Patuli P.S., Garfa PS and Bansdroni PS etc. under South Suburban Division under Kolkata Police for 12 months (365 days) from 01.04.2024 to 31.03.2025. **Estimated Amount put to Tender Rs. 9,03,168/-, Tender Id: 2024_WBSPH_676626_3**, (B) WBPHIDCL/EE-(HQ-I)/NIT-230(e)/2023-2024 (2nd Call) Sl No 1 to 3, (i) Day to day operation and maintenance of pump motor set along with electrical maintenance of all types of internal & external electrical installation of different residential & non residential buildings of Narayangarh PS, Belda PS, Keshiary PS under Paschim Medinipur District for the period of 12 months (365 days) form 01-04-2024 to 31-03-2025. **Estimated Amount put to Tender Rs. 9,03,168/-, Tender Id: 2024_WBSPH_676693_1**, (ii) Day to day operation and maintenance of pump motor set along with electrical maintenance of all types of internal & external electrical installation of different residential & non residential buildings of Anandapur PS, Garbeta PS, Gowaltore PS under Paschim Medinipur District for the period of 12 months (365 days) form 01-04-2024 to 31-03-2025. **Estimated Amount put to Tender Rs. 9,03,168/-, Tender Id: 2024_WBSPH_676693_2**, (iii) Day to day operation and maintenance of pump motor set along with electrical maintenance of all types of internal & external electrical installation of different residential & non residential buildings of Ghatal PS, Chandrakona PS, Salboni PS under Paschim Medinipur District for the period of 12 months (365 days) form 01-04-2024 to 31-03-2025. **Estimated Amount put to Tender Rs. 9,03,168/-, Tender Id: 2024_WBSPH_676693_3**, (C) WBPHIDCL/EE-(HQ-I)/NIT-231(e)/2023-2024 (1st Call) Sl No 1 & 2, (2nd Call) Sl No 3, i) Emergent and Routine maintenance Works of Civil (All Buildings and S&P) for Khandaghosh PS, Shaktigarh PS, Memari PS, Raina PS, Jamalpur PS, Madhabdihi PS under Purba Bardhaman district Police for a period of 365 days from 01.04.2024 to 31.03.2025. **Estimated Amount put to Tender Rs. 6,49,900/-, Tender Id: 2024_WBSPH_676881_1**, (ii) Emergent and Routine maintenance of Civil works (All Buildings and S&P) for different buildings under Md. Bazar PS, Sainthia PS, Rampurhat PS, Nalhati PS, Murarai PS, Mayureswar PS, Margram PS, Paikar PS, Mallarpur PS, Rampurhat CI Office, Murarai CI Office, Rampurhat EF Line in Birbhum District for 365 days from 01.04.2024 to 31.03.2025. **Estimated Amount put to Tender Rs.5,48,300/-, Tender Id: 2024_WBSPH_676881_2**, (iii) Emergent and Routine maintenance of Civil works (All buildings and S&P) for different buildings at CIF Salboni, Anandapur P.S, Garbeta P.S, Keshpur P.S, Goaltore P.S, Salboni P.S, Kotwali P.S, All Women P.S in Midnapore, Gurguripal P.S and All Out-post under Sadar Sub-Division in the District of Paschim Medinipur for 365 days from 01.04.2024 to 31.03.2025. **Estimated Amount put to Tender Rs.5,86,366/-, Tender Id: 2024_WBSPH_676881_3**, **Last date & time of submission of bids online is 09.03.2024 at 16.00 PM. For further details please visit www.wbtenders.gov.in**

Arthik Lipi March 1, 2004

Tender is invited for 1 no. of work by the Executive Engineer, North 24 Parganas Division, Social Sector, P.W.Dte for and on behalf of the Governor of West Bengal Vide **N.I.T.No.22 EE/24PN OF 2023-24**. Last date and time for application is **08/03/2024** up to 14:00 Hrs.IST. All other information will be available from the office of the Executive Engineer, North 24 Parganas Division, Social Sector, P.W. Dte, & e-tender website https://wbtenders.gov.in

Sd/-
Executive Engineer
North 24 Parganas
Division Social
Sector, P.W.Dte

টেন্ডার ও নোটিশ

NOTICE INVITING QUOTATION

Offline short time Quotation is being invited by E.E. Birbhum Electrical Division, PWD, for – **"Temporary Electrification for accommodation Centres for CAPF for Lokshabha Election 2024 at Gito Bitan Township Model Flat at Suratheswartala, Bolpur in the District of Birbhum, Under Bolpur PS." NIQ No- BIRED/72/NIQ/(1stcall) of 2023-2024.** Bid submission closing Date- **01/03/2024**. For more information **Visit** https://wbpwd.in.

Sd/- S. K. Mallick
Executive Engineer, PWD
Birbhum Electrical Division
Suri, Birbhum

JIRAT GRAM PANCAHYAET
JIRAT: HOOGHLY

Prodhan of Jirat GP, Hooghly inviting bids from the bonafied agencies for the following works. (1) eNIT-156/JGP/5th SFC/24 Dated- 29/02/2024 Sl 1. (2) eNIT-157/JGP/ 15th CFC-UNTIED/24 Dated- 29/02/2024 Sl 1 to 5. visit www.wbtenders.gov.in & Office Notice Board for details.

Sd/-
Pradhan
Jirat GP: Balagarh: Hooghly

NOTICE INVITING QUOTATION

Offline short time Quotation is being invited by E.E. Birbhum Electrical Division, PWD, for – **"Temporary Electrification for accommodation Centres for CAPF for Lokshabha Election 2024 at Nalhati Govt. Polytechnic, Nalhati Block-I, in the District of Birbhum, Under Nalhati PS." NIQ No- BIRED/73/NIQ/(1st call) of 2023-2024.** Bid submission closing Date– **01/03/2024**. For more information **Visit** https://wbpwd.in.

Sd/- S. K. Mallick
Executive Engineer, PWD
Birbhum Electrical Division
Suri, Birbhum

(1) N.I.T. No.EE/NED/NIQ/55 (1st call) of 2023-24. (2) Name of work: Temporary arrangement of Electrical and IT infrastructural works at D L Roy Memorial Stadium Helipad ground in c/w Hon'ble PM (Govt. of India) visit in Nadia District. (3) Last date of submission:- **01.03.2024**. Details available in the website: **www.pwdwb.in**

Sd/- R. B. Mallick
Executive Engineer (P.W.D.)
Nadia Electrical Division
Krishnagar, Nadia

NOTICE INVITING QUOTATION

Offline short time Quotation is being invited by E.E. Birbhum Electrical Division, PWD, for – **"Temporary Electrification for accommodation Centres for CAPF for Lokshabha Election 2024 at Kishak Bazar, at Benegram, Rampurhat-II, in the District of Birbhum, Under Margram PS." NIQ No- BIRED/74/NIQ/(1st call)of 2023-2024.** Bid submission closing Date- **01/03/2024**. For more information **Visit** https://wbpwd.in.

Sd/- S. K. Mallick
Executive Engineer, PWD
Birbhum Electrical Division
Suri, Birbhum

(1) N.I.T. No.EE/NED/NIQ/56 (1st call) of 2023-24. (2) Name of work: Temporary arrangement of Electrical and IT infrastructural works at Jahangirpur permanent Helipad ground in c/w Hon'ble PM (Govt. of India) visit in Nadia District. (3) Last date of submission:- **01.03.2024**. Details available in the website: **www.pwdwb.in**

Sd/- R. B. Mallick
Executive Engineer (P.W.D.)
Nadia Electrical Division
Krishnagar, Nadia

PWD (GOVT OF WB) TENDER NOTICE

EE/PWD/Purulia Division invites Offline quotation for Kitchen shed at various location of accommodation of CAPF under Purulia division, PWD. **N.I.Q. NO. 23 of 2023-2024.** Bid submission closing date (Offline) 04.03.2024. Corrigendum if any will be published in website only. Details of N.I.T. and documents may be downloaded from: http://wbetenders/gov.in

Sd/-
Executive Engineer
Purulia Division, P.W.D.

Office of the Kalikatala Gram Panchayat

Vill.-Kalikatala, P.O.-Kalikatala, P.S.-Jibantala, Dist.-South 24 Parganas

Notice Inviting Tender

MEMO NO.: 365/KGP/24 Date.- 29/02/2024

Sealed Tender is invited from the experienced and resourceful bidders for execution of the work 01 No work. Name of the work: Construction of Concrete road from Pitching road to Santosh Ghosh House. Source of Fund: 5th SFC 23-24 Untied.

Information to bidders:

Cost of Tender Document: 500.00 (Each per Work). Date of Sale of Tender Form: On any working day from 29/02/2024 to 07/03/2024 (from 11 AM to 4 PM). Last date of dropping of Sealed Tender Form: Any working day on or before 07/03/2024 (up-to 4 PM). Date of Opening of Tender: 09/03/2024 (At 4 P.M.) All other details information will be had from the Office Notice Board during working hours.

Sd/- Prodhan
Kalikatala Gram Panchayat

টেন্ডার ও নোটিশ

Office of the Kalikatala Gram Panchayat

Vill.-Kalikatala, P.O.-Kalikatala, P.S.-Jibantala, Dist.-South 24 Parganas

Notice Inviting Tender

MEMO NO.: 363/KGP/24 Date.- 29/02/2024

Sealed Tender is invited from the experienced and resourceful bidders for execution of the work 05 Nos work. Name of the work: Installation of Solar Street Light Source of Fund: 5th SFC 23-24 Tied.

Information to bidders:

Cost of Tender Document: 500.00 (Each per Work). Date of Sale of Tender Form: On any working day from 29/02/2024 to 06/03/2024 (from 11 AM to 4 PM). Last date of dropping of Sealed Tender Form: Any working day on or before 06/03/2024 (up-to 4 PM). Date of Opening of Tender: 08/03/2024 (At 4 P.M.) All other details information will be had from the Office Notice Board during working hours.

Sd/- Prodhan
Kalikatala Gram Panchayat

BIDHANNAGAR MUNICIPAL CORPORATION
POURA BHABAN, BIDHANNAGAR

(i) NIT No. 900/PWD/ROAD/BMC, Dated : 29/02/2024. (ii) NIT No. 901 /PWD/ROAD/BMC (2nd Call), Dated : 29/02/2024. e-Tender has been invited for construction of concrete road including drain and renovation, upgradation of bituminous road within ward no. 4, 14, 20, 21, 24 under BMC. For details, please follow Tender Id (i) 2024_MAD_677104_1 to 4 (ii) 2024_MAD_676960_1 to 6 in www.wbtenders.gov.in, Office Notice Board. Last date of Bid submission - (i) 16/03/2024 up to 3.00 p.m. (ii) 09/03/2024 up to 3.00 p.m.

Sd/-
Executive Engineer
Bidhannagar Municipal Corporation

Government of West Bengal
Directorate of Forests

Office of the Ex-Officio Director, Harinalaya & Deputy Conservator of Forest
Urban Recreation Forestry Division
10A, Auckland Road, Eden Gardens, Kolkata-21

ABRIDGED TENDER NOTICE

NIT No.	Description of works	E-Tender submission starting date
NIT-01/WBZA Eod/2023-24	Engagement of agency to ensure Quality Control Assurance of different works at Harinalaya	01.03.2024

Details can be seen www.wbtenders.gov.in

Sd/- Ex-Officio Director, Harinalaya & Deputy Conservator of Forests Urban Recreation Forestry Division

TENDER NOTICE

Executive Engineer (A-I), Design Division SWID invites e-NIT no.-04/DD/SWID/2023-24 for **"A.M.C. of all Computers & Peripherals for the office under the control of Superintending Geologist, Geological Circle under SWID for the period of 2023-24"** amount Rs.399430.00 on percentage rate basis. Bid submission end date: 14.03.2024 up to 3.00PM. All documents can be seen/obtained from the office of the EE(A-I), Design Division, SWID, Bikas Bhavan, 4th Floor, Salt Lake City, Kol-91 and Office Notice Board.

SD/-
Executive Engineer (A-I)
Design Division, SWID

PUBLIC NOTICE

বিজ্ঞপ্তি

PWD (GOVT OF WB) TENDER NOTICE

Executive Engineer, Kolkata North Division, P.W.D. invites online quotation for "Hire & Labour charges for Erection of Temporary Shed with Bamboo Structure including waterproof Tarpaulin on ceiling & four side walling by G.C.I. Sheet for Kitchen/Dining Hall of around 800 Sq. Ft. at each location for accommodation of Advance CAPF coys in connection with ensuing Loksabha Election-2024 (Until Election process is over)". Short Notice Quotation No. 12 OF 2023-2024 OF EE/PWD/KND. Application for quotation Papers:04.03.2024 upto 12.00 Noon. Date and time of publication of list of qualified bidders: 04.03.2024 upto 01.00 P.M. The details of NIQ and Tender document may be downloaded from http://wbtenders.gov.in

Sd/-
EXECUTIVE ENGINEER
KOLKATA NORTH DIVISION,
P.W.D.

PWD (GOVT OF WB) TENDER NOTICE

EE/PWD/Purulia Division invites Online quotation for 01(One) No. work related Preparation of PPT & DPR, Conducting traffic census including axle load survey (VDF) for a continuous period of 7 days (7x24 hrs) along with complete Soil investigation, Topographical survey, videography & photography in connection with "Kansra-Durgi Road from 0.00 Kmp to 4.00 Kmp under Purulia Sub-Division of Purulia Division, PWD in the district of Puruliaunder Purulia Division PWD". **e-N.I.Q. NO. 22 of 2023-2024.** Bid submission start date (Online) 04.03.2024. Bid submission closing date (Online) 12.03.2024. Corrigendum if any will be published in website only. Details of N.I.Q. and documents may be downloaded from: http://wbetenders/gov.in Tender ID 2024_WBPWD_677106_1.

Sd/-
Executive Engineer
Purulia Division, P.W.D.

Office of the Executive Officer
Galsi-I Panchayat Samity
Budbud:: Purba Bardhaman

e-TENDER NOTICE

Tender ID-2024_DMB_676590_1 to 4
Memo No. 221/EO/GLS-I/2023-24 Dt. 29.02.2024
Last Date of Submission-07.03.2024 UPTO 6.00 P.M.
(Four number Community Sanitary Complex).

Sd/- Executive Officer,
Galsi-I Panchayat Samity

ব্যাংক অফ ইন্ডিয়া
Bank of India BOI

মৌরিয়া উদ্যোগ লিমিটেড

secretarial@mauria.com
www.mauria.com
evoting@nsdl.co.in

পোস্টাল ব্যালটের বিজ্ঞপ্তি

ব্যাংক অফ ইন্ডিয়া
Bank of India BOI
Relationship beyond banking

দখল বিজ্ঞপ্তি

স্থাবর সম্পত্তির বিবরণী

পাঞ্জাব ন্যাশনাল ব্যাংক
pnb punjab national bank

দখল বিজ্ঞপ্তি

ই-মেল : cs8300@pnb.co.in

NABADWIP MUNICIPALITY
SHORT TENDER NOTICE

E-Tenders are invited by the Chairman, Nabadwip Municipality, Nabadwip Nadia. Tender Title:- **NIT No:-NM/PWDT/NIT-058e/2023-24.Tender ID:-2024_MAD_676577_1. Type of Work** :- Construction of Market Building. Bid Submition Start Date:- **01-03-2024**, Bid Submition End Date :- **23-03-2024 at 5:00 PM. N.B.** : Any other information may be had on enquiry from office of Nabadwip Municipality in working day and Govt. Website **https://wbtenders.gov.in** also given **https://nabadwipmunicipality.in**

Sd/-
Chairman,
Nabadwip Municipality

TARAPITH RAMPURHAT DEVELOPMENT AUTHORITY
e-TENDER NOTICE
Tender No. e-NIT No. 09/TRDA/2023-24

Ref: e-NIT No.09/TRDA/2023-24, vide Memo No 242/ENG/TRDA/2023-24, Dt 23/02/24
Last Date of submission : 01/03/2024, Time - 15:30. For further details please see the website : https://wbtenders.gov.in

Sd/- EO, TRDA
Tarapith, Birbhum

OFFICE OF THE RAJARHAT PANCHAYAT SAMITY
Rajarhat, North 24 Parganas
E-TENDER NOTICE

Abridged Tender Notice no- **NIT: 23/EO/RHTPS/2023-24/N24P/WB**, Vide Office Memo No. 327/EO/RHTPS dated-27.02.2024. The last date & time of Online submission of Bid is : **05.03.2024 time 18.30 PM** others details are available in the office notice board as well as website (http://wbtenders.gov.in)

By order
Executive Officer,
Rajarhat Panchayet Samity

NOTICE INVITING TENDER

Sealed tender are invited from eligible contractors mentioned in the details tender notice e-NIT No: WB/BIR/RPH-I/NIT-09 (2023-24) Dt 28.02.2024.
The detailed tender notice along with Tender Documents and other formats are available at **"e-procurement link under http://www.wbtenders.gov.in" & http://www.birbhum.gov.in** website.

Sd/-
Block Development Officer
Rampurhat-I Development Block
Rampurhat, Birbhum

PROVISION OF MINIMUM ESSENTIAL ELECTRICAL AMENITIES & FACILITIES

E-Tender Notice No. RT_2_EL GS-39_2023-24/K/ Dated: 21-02-2024. E-Tenders are invited by the undersigned for the following works: **Name of work:** Provision of Minimum essential electrical amenities & facilities for Divyangjan at stations under jurisdiction of DEN/L/Katihar. **Tender Value:** ₹25,24,351.24. **Earnest Money:** ₹50,500/-. **Date & Time of closing of tender: 15.00 hrs. on 21-03-2024 & opened at 15.30 hrs. of** 21-03-2024. For details please visit **www.ireps.gov.in**

Sr. DEE/TRD/Katihar
NORTHEAST FRONTIER RAILWAY
Serving Customers With A Smile

e-Tender Notice

vide Tender ID No.
2024_ZPHD_676576_1

In the
www.wbtenders.gov.in
Sd/-
E.O
Raina II Panchayat Samity
Purba Bardhaman

OFFICE OF THE BOARD OF COUNCILORS OF RANAGHAT MUNICIPALITY
RANAGHAT, NADIA
NOTICE INVITING E-TENDER

Memo. No. 2941/RM
Date – 29.02.2024
Tender Ref No : WBMAD/ULB/RM/NIQ-26e/2023-24/SL1
Tender ID :
2024_MAD_676624_1

Name of the work : Expression for Rate establishment of the work Supplying, installation & Commissioning of 500 KVA capacity DG set with standard installation & commissioning including appropriate civil foundation and electrical works within Ranaghat Municipality. Last Date Of Submission of Bid: 16.03.2024. Intending bidders may download tender documents and all other Terms and Conditions from the website **https://www.wbtenders.gov.in**

Sd/- Chairman
Ranaghat Municipality

NOTICE INVITING E-TENDER & OFFLINE TENDER

E-NIT No. : NBM/PWD/NIT-3(1-91)/2024; Vide Tender ID : 2024_MAD_675949_1 to 2024_MAD_675949_91. Last date of submission of e-tender : 16/03/2024 at 18:00 Hrs. E-NIT No. : NBM/PWD/NIT-4(1)/ 2024; Vide Tender ID : 2024_MAD_675790_1. Last date of submission of e-tender : 09/03/2024 at 18:45 Hrs. E-NIT No.:NBM/PWD/NIT-14(1-52)/2023/2nd Call(1-4); Vide Tender ID:2024_676585_1 to 2024_MAD_676585_4. Last date of submission of e-tender : 16/03/2024 at 18:00 Hrs. E-NIT No.:NBM/PAD/NIT-15 (1-9)/2023/ 2nd Call (1-3) Vide Tender ID : 2024_MAD_676627_1 to 2024_MAD_676627_3. Last date of submission of e-tender:09/03/2024 at 18:45 Hrs. NIT No.:NBM/PWD/NIT-19(1-42)/22/2023/2nd Call(1).Last date of receiving tender documents : 16/03/2024 upto 14:00 Hrs.E-Tenders and Offline tenders are being invited by The Chairman, North Barrackpore Municipality. For details please the visit website : https://wbtenders.gov.in & https://northbarrackporemunicipality.org

Sd/- Chairman,
North Barrackpore Municipality

NOTICE INVITING QUOTATION

Offline short time Quotation is being invited by E.E. Birbhum Electrical Division, PWD, for – **"Temporary Electrification for accommodation Centres for CAPF for Lokshabha Election 2024 at Gito Bitan Township Model Flat at Suratheswartala, Bolpur in the District of Birbhum, Under Bolpur PS." NIQ No- BIRED/72/NIQ/(1st call) of 2023-2024.** Bid submission closing Date- **01/03/2024**. For more information **Visit https://wbpwd.in**.

Sd/- S. K. Mallick
Executive Engineer, PWD
Birbhum Electrical Division
Suri, Birbhum

SEWLI GRAM PANCHAYAT
Sewli Telinipara, Debpukur, 24 Parganas (N), Pin- 700121.

NIT has been invited by the Pradhan, Sewli gram panchayat under Barrackpore -II Panchayat Samity, North 24 parganas vide **NIT No. : SGP/94/2024 Dated: 28/02/2024** being **Tender ID : 2024_ZPHD_676286_1 & 2024_ZPHD_676286_2** and vide **NIT No. : SGP/95/2024 Dated:28/02/2024** being **Tender ID : 2024_ZPHD_676353_1**. Last date of bid submission for both the NIT is : **08/03/2024 at 13.30 pm.** For other information please follow the website **http://wbtenders.gov.in**

Sd/-
Pradhan, Sewli Gram Panchayat

BIDHANNAGAR MUNICIPAL CORPORATION
POURA BHABAN, BIDHANNAGAR

(i) NIT No. 900/PWD/ROAD/BMC, Dated : 29/02/2024. (ii) NIT No. 901 /PWD/ROAD/BMC (2nd Call), Dated : 29/02/2024. e-Tender has been invited for construction of concrete road including drain and relocation, upgradation of bituminous road within ward no. 4, 14, 20, 21, 24 under BMC.
For details please follow Tender Id
(i) 2024_MAD_677104_1 to 4
(ii) 2024_MAD_678960_1 to 6
in **www.wbtenders.gov.in.** Office Notice Board. **Last date of Bid submission -**
(i) 16/03/2024 up to 3.00 p.m.
(ii) 09/03/2024 up to 3.00 p.m.

Sd/-
Executive Engineer
Bidhannagar Municipal Corporation

CONSTRUCTION RCC BOX INSTALLED BY AIR PUSHING METHOD

E-Tender Notice No. LMG/Engg/32 of 2024 Dated: 27-02-2024. E-Tenders are invited by the undersigned for the following works: **Brief Description of Item:** Provision of additional opening at KM 221/3-4, KM 252/0-253/0 & KM 287/4-5 by construction RCC Box installed by Air pushing method. **Tender Value:** ₹3,35,19,363.07. **Earnest Money:** ₹3,17,600/- **Date & Time of closing of tender: 15.00** hrs on **26-03-2024 & opened at 15.00** hrs of **27-03-2024.** The complete information with tender documents of above e-tender will be available upto **15.00** hrs. of **26-03-2024** in website **www.ireps.gov.in**

DRM (W), Lumding
NORTHEAST FRONTIER RAILWAY
Serving Customers With A Smile

पंजाब एण्ड सिंध बैंक | Punjab & Sind Bank
Zonal Office : Kolkata
14/15, Hemant Basu Sarani, Kolkata 700001
Phone No.033-22485887 / 22485857

Bank invites E-tenders, under two bid system, i.e. Technical Bid & Commercial Bid, from eligible Interior Furnishing Contractor for Furnishing works to be done in the below mentioned Branch.

S.No.	Name of the Branch with Address
1.	LAKE TOWN - Kolkata, West Bengal

Bids should be submitted within 14.03.2024 till 5.00 PM. Tender Documents and further information are available on the Bank's website : http://psb.eproc.in

ZONAL MANAGER

POSSESSION NOTICE - (for immovable property) Rule 8-(1)

Whereas, the undersigned being the Authorized Officer of IIFL Home Finance Limited (Formerly known as India Infoline Housing Finance Ltd.) ("IIFL HFL") under the Securitisation and Reconstruction of Financial Assets and Enforcement of Security Interest Act 2002 and in exercise of powers conferred under section 13(12) read with Rule 3 of the Security Interest (Enforcement) Rules 2002, a Demand Notice was issued by the Authorised Officer of the company to the borrowers / co-borrowers mentioned herein below to repay the amount mentioned in the notice within 60 days from the date of receipt of the said notice. The borrower having failed to repay the amount, notice is hereby given to the borrower and the public in general that the undersigned has taken possession of the property described herein below in exercise of powers conferred on him under Section 13(4) of the said Act read with Rule 8 of the said Rules. [illegible]

Name of the Borrower(s) Kolkata BRANCH	Description of secured asset (immovable property)	Total Outstanding Dues (Rs.)	Date of Demand Notice	Date of Possession
Mr. Ratan Bhattacharya Mrs. Sima Bhattacharya Mr. Soumya Bhattacharya (Prospect No. IH0042767)	All that piece and parcel of Flat No.6, 1st Floor, in Building Situated At [illegible] Padmapukur Lane, Within The Limits Of Howrah Municipality, Ward No. 41, Ps. Shibpur, Howrah, West Bengal, 711106. Area Admeasuring (IN SQ. FT.): Property Type: Super_Built_Up_Area, Carpet_Area; Property Area 600.00, 477.00	Rs. 2482116/- (Rupees Twenty [illegible])	13-Dec-2023	27-Feb-24

For, further details please contact to Authorised Officer at Branch Office: [illegible] Market, Kolkata-700071 or Corporate Office: Plot No. 98, Phase-IV, Udyog Vihar, Gurgaon, Haryana.
Place: Kolkata Date: 01/03/2024 — Sd/- Authorised Officer, For IIFL Home Finance Limited

BANK OF INDIA
KAUTALA BRANCH
Ramganga Main Road, Kautala,
Dist.- South 24 Parganas, West Bengal 743603

बैंक ऑफ़ इंडिया BOI — Bank of India — Relationship beyond banking

Appendix-IV [See Rule-8(1)] — Annexure F
POSSESSION NOTICE
(for immovable property)

Whereas The undersigned being the **authorized officer of the BANK OF INDIA** under the Securitization and Reconstruction of Financial Assets and Enforcement of Security Interest Act, 2002 and in exercise of powers conferred under Section 13(12) read with Rule 3 of the Security Interest (Enforcement) Rules, 2002 issued a **demand notice dated 27-09-2022** calling upon the **borrower Shri Pratik Mondal, Proprietor of M/s Mandal Builder** to repay the amount mentioned in the notice being **Rs.1186573.55 (Rupees Eleven Lacs Eighty Six thousand five hundred seventy three & paisa Fifty five)** within 60 days from the date of receipt of the said notice.
The borrower having failed to repay the amount, notice is hereby given to the borrower and the public in general that the undersigned has taken possession of the property described herein below in exercise of powers conferred on him under sub-section (4) of section 13 of Act read with rule 8 of the Security Interest (Enforcement) Rules, 2002 on this the **27th day of February of the year 2024.**
The borrower in particular and the public in general is hereby cautioned not to deal with the property and any dealings with the property will be subject to the charge of **the BANK OF INDIA** for an amount **Rs. 1186573.55** and interest thereon.
The borrower's attention is invited to provisions of sub-section (8) of section 13 of the Act, in respect of time available, to redeem the secured assets.

Description of Immovable Property

All that part and parcel of the property consisting of Land & Building in the Name Of Pratik Mondal, at R.S. & L.R. Dag no.-4100, RS Khatian No.4392, L.R. Khatian No 7701, Mauza- Khan, J.L. No.105, Touzi No.49 Within the limits of the Khan Gram Panchayet, P.S. Raidighi & A.D.S.R.O. at Mathurapur, Dist- 24 Parganas South. Title Deed & Document In Original Gift Deed Being No-01592 for the Year 2012 registered in the Office of the A.D.S.R. at Mathurapur. Total land measuring 5.00 decimal i.e. 03 Cottah 00ch. 15 Sq.Ft. Residential Building Covered area 1850 Sq. Ft. **Butted and Bounded as under - Building Bounded; On the North by-** Purnendu Mondal. **On the South by-** Pathway **On the East by-** Brajen Mondal. **On the West by-** Bishnupada Mondal.

Place: KAUTALA
Date : 27.02.2024
Sd/- Chief Manager and Authorized Officer
Bank of India

NOTICE INVITING QUOTATION

Offline short time Quotation is being invited by E.E. Birbhum Electrical Division, PWD, for – **"Temporary Electrification for accommodation Centres for CAPF for Lokshabha Election 2024 at Nalhati Govt. Polytechnic, Nalhati Block-I, in the District of Birbhum, Under Nalhati PS." NIQ No- BIRED/73/NIQ/(1st call) of 2023-2024.** Bid submission closing Date **01/03/2024**. For more information **Visit https://wbpwd.in**

Sd/- S. K. Mallick
Executive Engineer, PWD
Birbhum Electrical Division
Suri, Birbhum

JIRAT GRAM PANCAHYAET
JIRAT: HOOGHLY

Pradhan of Jirat GP, Hooghly inviting bids from the bonafied agencies for the following works (1) eNIT 158/JGP/5th SFC/24 Dated- 29/02/2024 Sl 1. (2) eNIT-157/JGP/ 15thCFC UNTIED/24 Dated- 29/02/2024 Sl 1 to 5. visit www. wbtenders gov in & Office Notice Board for details.

Sd/-
Pradhan
Jirat GP: Balagarh: Hooghly

TENDER

Tender ID- 2024_ZPHD_676100_1 & 2024_ZPHD_676631_1
Notice bearing NIT No-90(Sl-1, 2) Date-29.02.24 invites E-Tender for PBG Contact Barsul-II Gram Panchayet for details or visit E-Tender site

Sd/- Prodhan
Barsul II Gram Panchayat

DAINHAT MUNICIPALITY
PO:- DAINHAT,
DIST:- PURBABURDWAN

For Details of floated e-tender against the Development work under **E-NIT 45 D.M/ENGG Date-29/02/2024, E-NIT 46 D.M/ENGG Date-29/02/2024. E-NIT 47 D.M/ ENGG Date-29/02/2024 , E-NIT 48 D.M/ENGG Date-29/02/2024.** For Details Visit: **http://dainhatmunicipality.org & wbtenders.gov.in.** Office ph no 7478003845.

Sd/-
Chairman
Dainhat Municipality

NABADWIP MUNICIPALITY
SHORT TENDER NOTICE

E-Tenders are invited by the Chairman, Nabadwip Municipality, Nabadwip Nadia. Tender Title - **NIT No:-NM/PWDT/NIT-054e/2023-24,NM/PWDT/NIT-055e/2023-2024,NM/PWDT/NIT-056e/2023-24,NM/PWDT/NIT-057e/2023-24. Tender ID:-2024_MAD_676295_1, 2024_MAD_676385_1, 2024_MAD_676398_1, 2024_MAD_676417_1. Type of Work** :- Construction of Cement Concrete Road. Bid Submition Start Date:- Started, Bid Submition End Date :- **15-03-2024 at 5:00 PM.**
N.B. : Any other information may be had on enquiry from office of Nabadwip Municipality in working day and Govt. Website **https://wbtenders.gov.in** also given **https://nabadwipmunicipality.in**

Sd/- Chairman,
Nabadwip Municipality

PWD (GOVT OF WB)
TENDERNOTICE

EE/PWD/Purulia Division invites Online quotation for 01(One) No. work related Preparation of PPT & DPR, Conducting traffic census including axle load survey (VDF) for a continuous period of 7 days (7x24 hrs) along with complete Soil investigation, Topographical survey, videography & photography in connection with "Kansra-Durgi Road from 0.00 Kmp to 4.00 Kmp under Purulia Sub-Division of Purulia Division, PWD in the district of Puruliaunder Purulia Division PWD". **e-N.I.Q. NO. 22 of 2023-2024.** Bid submission start date (Online) 04.03.2024. Bid submission closing date (Online) 12.03.2024. Corrigendum if any will be published in website only. Details of N.I.Q. and documents may be downloaded from: http://wbtenders/gov in TenderID 2024_WBPWD_677106_1

Sd/-
Executive Engineer
Purulia Division, P.W.D.

NOTICE INVITING TENDER
SHORT NOTICE
ELECTION URGENT

Sealed Tender is invited by the Executive Engineer, P.W.D. Howrah Electrical Division, Onkarmal Jetia Road, Howrah–711103. **NIT No. WBPWD/EE/HED/NIT-52 of 2023-2024, Memo 516 Date. 29.02.2024 NAME OF WORK:-** Temporary Electrical Installation works & other Utility for Accommodation of CAPF in c/w ensuing Lok Sabha Election 2024 at Alamin Hat under Jagacha PS. **Last date of Permission 02.03.2024 up to 11-00 AM.** Intending bidder may download the Quotation documents from the **website:www.pwd.wb.in**

A. Das
Executive Engineer, P.W.D.
Howrah Electrical Division.
Govt. of West Bengal

NIeT No-58/KPS/2023-2024

eTender is hereby invited from bonafide firms/contractor/companies/ Engineering co-ope for Construction of double vent HP Sluice 1200MM dia at Gopalpur Gulisara Ex-Jamindari embankment under Hizole GP under Kandi Panchayat Samity. And Tender Cost Rs 21.00 Lakh of the Executive Officer, Kandi P.S for the project of 15TH CFC (Hizole GP). Start date 28/02/2024 from 18.00 hours And Last date 13/03/2024 upto 16.00 Hours. For other details information please see the website http://wbtenders.gov.in & https://murshidabad.gov.in

Sd/- Executive Officer
Kandi Panchayat Samity,
Kandi- Murshidabad

NOTICE INVITING QUOTATION

Offline short time Quotation is being invited by E.E. Birbhum Electrical Division, PWD, for – **"Temporary Electrification for accommodation Centres for CAPF for Lokshabha Election 2024 at Kishak Bazar, at Benegram, Rampurhat-II, in the District of Birbhum, Under Margram PS." NIQ No- BIRED/74/NIQ/(1st call) of 2023-2024.** Bid submission closing Date **01/03/2024.** For more information **Visit https://wbpwd.in.**

Sd/- S. K. Mallick
Executive Engineer, PWD
Birbhum Electrical Division
Suri, Birbhum

PWD (GOVT OF WB)
TENDERNOTICE

Executive Engineer, Kolkata North Division, P.W.D. invites online quotation for "Hire & Labour charges for Erection of Temporary Shed with Bamboo
Structure including waterproof Tarpaulin on ceiling & four side walling by G.C.I. Sheet for Kitchen/Dining Hall of around 800 Sq. Ft. at each location for accommodation of Advance CAPF coys in connection with ensuing Loksabha Election-2024 (Until Election process is over)". Short Notice Quotation No. 12 OF 2023-2024 OF EE/PWD/KND. Application for quotation Papers:04.03.2024 upto 12.00 Noon. Date and time of publication of list of qualified bidders 04.03.2024 upto 01.00 P.M. The details of NIQ and Tender document may be downloaded from http://wbtenders.gov.in

Sd/-
EXECUTIVE ENGINEER
KOLKATA NORTH DIVISION,
P.W.D.

NIeT No-57/KPS/2023-2024

eTender is hereby invited from bonafide firms/contractor/companies/ Engineering co-op for 3 nos CC Road at Andulia GP under Kandi Panchayat Samity. And Tender Cost Rs 14.57 Lakh each of the Executive Officer, Kandi P.S for the project of 15TH CFC and 5TH SFC. Start date 28/02/2024 from 13.00 hours And Last date 13/03/2024 upto 16.00 Hours. For other details information please see the website http://wbtenders.gov.in & https://murshidabad.gov.in

Sd/- Executive Officer
Kandi Panchayat Samity,
Kandi- Murshidabad

ACCURATE INVESTMENT COMPANY LIMITED
CIN: [illegible]
17, [illegible] Park Road, Kolkata-700019
RESULT OF POSTAL BALLOT AND E-VOTING

It is hereby informed that pursuant to the Section 110 of the Companies Act, 2013 read with the Companies (Management and Administration) Rules, 2014 (as amended), the Company has sent Notice of Postal Ballot dated 17th January, 2024 for seeking approval of the Shareholders by passing Special Resolution through Postal Ballot and Remote e-Voting for Special Business, voting from on 24th January 2024. Based on the Scrutinizer's Report dated 29th February, 2024, the Chairman has declared the Results of Postal Ballot as under:-

Item No.	Brief Particulars of Special Resolution	Total no. of Valid Votes	Mode	Total Votes Cast in Favour: No. of Shares	% of Votes	Total Votes Cast Against: No. of Shares	% of Votes
1	Special Resolution pursuant to the SEBI (Delisting of Equity Shares) Regulations, 2021 as amended for the voluntary delisting of the equity shares of the Company from The Calcutta Stock Exchange Limited where the shares of the company are [illegible]	8	Physical	-	NIL	NIL	NIL
			Electronic	2,48,000	100%	NIL	NIL
			Total	2,48,000	100%	NIL	NIL

Accordingly, the above Special Resolution has been passed with requisite majority. The date of declaration of results of Postal Ballot and e-Voting, i.e., 29th February, 2024. [illegible]

By Order of the Board of Directors
For ACCURATE INVESTMENT CO. LTD
Sd/-
ANIS AHMED
MANAGING DIRECTOR
DIN: [illegible]

Date : 01.03.2024
Place : Kolkata

पंजाब नैशनल बैंक | pnb | punjab national bank

POSSESSION NOTICE
(For Immovable Properties)
APPENDIX IV [See Rule 8(1)]

Circle Sastra : Purba Medinipur
Padumbasan, P. O. - Tamluk District - Purba Medinipur, Pin - 721636
Email : cs8309@pnb.co.in

Whereas,
The undersigned being the Authorized Officer of the **Punjab National Bank** under the Securitization and Reconstruction of Financial Assets and Enforcement of Security Interest Act, 2002 and in exercise of powers conferred under Section 13 read with Rule 3 of the Security Interest (Enforcement) Rules, 2002, issued a **Demand Notice Dated 07.03.2023** calling upon the **Borrower & Mortgagor : Tanmoy Sahoo & Tanay Kumar Sahoo** being **Rs. 50,42,362.69** (Rupees Fifty Lakh Forty Two Thousand Three Hundred Sixty Two and Paise Sixty Nine Only) with further interest within 60 days from the date of notice/date of receipt of the said notice.
The borrower having failed to repay the amount, notice is hereby given to the borrower / guarantor and the public in general that the undersigned has taken possession of the property described herein below in exercise of powers conferred on him/her under Section 13(4) of the said Act read with Rule 8 of the said Rules on this **26th day of February of the year 2024.**
The borrower / guarantor in particular and the public in general is hereby cautioned not to deal with the property and any dealings with the property will be subject to the charge of the **Punjab National Bank, Deulihat Branch** for an amount as on **17.02.2023 is Rs. 50,42,362.69** (Rupees Fifty Lakh Forty Two Thousand Three Hundred Sixty Two and Paise Sixty Nine Only) with interest thereon.
The borrower's/guarantor's/mortgagor's attention is invited to provisions of sub-section (8) of section 13 of the Act in respect of time available to redeem the secured assets.

Description of Immovable Property -

1 : Equitable Mortgage covering all that part and parcel of the immovable properties consisting of land & building situated at District - Purba Medinipur, P.S. - Egra, A.D.S.R. Office Egra of Mouza - Asti, J. L. No. 195, L. R. Khatian No. 208, R. S. / L. R. Plot No. 166/1063 of Area 7 Dec., Nature Baidu vide Gift Deed No. 5853 dated 08/08/2017 registered at the ADSR - Egra. **Owner : Tanay Kumar Sahoo, S/o. Pradip Kumar Sahoo. Property is bounded by -** North : Plot No. 166 (belongs to the Owner), South : Road portion of the owner's plot, East : Rest portion of the owner's plot, West : Owned by Tanmay Sahoo.
2 : Equitable Mortgage covering all that part and parcel of the immovable properties consisting of land & building situated at District - Purba Medinipur, P.S. - Egra, A.D.S.R. Office Egra of Mouza - Asti, J. L. No. 195 L. R. Khatian No. 208, R. S. / L. R. Plot No. 166/1063 of Area 7 Dec., Nature Baidu vide Gift Deed No. 5857 dated 08/08/2017 registered at the ADSR – Egra. **Owner : Tanmoy Kumar Sahoo, S/o. Pradip Kumar Sahoo. Property is bounded by -** North : Plot No. 166 (belongs to the Owner), South : Rest portion of the owner's Plot, East : Owned by Tanay Sahoo, West : Plot No. 1058 (Lo. Chandan Sau).

Date : 26.02.2024
Place : Tamluk
Authorised Officer
Punjab National Bank

National Science Day celebrated

SHILLONG, FEB 28/--/ The State Council of Science Technology and Environment (SCSTE), Meghalaya in collaboration with the Shillong Science Centre and the Science Department of Shillong College today observed the National Science Day 2024 under the theme 'Indigenous Technologies for Viksit Bharat' at the State Convention Centre, Shillong. Rakkam A Sangma, Education Minister attended the programme as Chief Guest, Sampath Kumar, Principal Secretary & Developmental Commissioner as Guest of Honor along with Gunanka D. B, Joint Secretary, Planning Department & Member Secretary, SCSTE, Meghalaya and others.

Addressing the gathering Rakkam A Sangma said that it is great to see the enthusiasm of educators and students for education and advancement of knowledge in science and technology. The initiatives of the government and contributions of Indian Scientists indeed play a crucial role in motivating students and advancing technology. Keeping up with the latest technologies and having a global standard are key aspects of learning and innovation, he added.

The minister urged the students to not only learn but also apply scientific concepts in their daily lives to make learning more engaging and impactful. He said that supporting initiatives that make learning more enjoyable and meaningful, especially in science and mathematics can go a long way in nurturing future innovators and problem solvers. Sangma further encouraged the students to pursue their interests and passion in science and mathematics with dedication and perseverance which can contribute to the advancement of knowledge and society as a whole.

He also said that the government is committed to supporting initiatives that enhance science and technology education. (DIPR)

PWD (GOVT OF WB)
TENDER NOTICE

EE/PWD/Purulia Division invites Offline quotation for Kitchen shed at various location of accommodation of CAPF under Purulia division, PWD. **N.I.Q. NO. 23 of 2023-2024.** Bid submission closing date (Offline) 04.03.2024. Corrigendum if any will be published in website only. Details of N.I.T. and documents may be downloaded from: http://wbetenders/gov.in

Sd/-
Executive Engineer
Purulia Division, P.W.D.

The Echo of India March 1, 2024

ELEGANT STEEL — INDIA'S No.1 TMT BAR

NOTICE

We, SPS Steels Rolling Mills Limited, would like to inform everyone that we have obtained Environmental Clearance (EC) from Ministry of Environment, Forest and Climate Change, Govt. of India, vide F. No. - IA-J-11011/150/2022-II (IND-I), dated 26.02.2024, 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 (10,35,000 TPA), Rolling Mill (9,97,500 TPA), Pellet Plant (2X2.4 MTPA), Sinter Plant (1,03,000 TPA), Jigging Plant (1,65,000 TPA), Briquetting Plant (3,00,000 TPA), Oxygen Plant (170 TPD) & Railway Siding at Village-Poracha, Chandurdi & Shanurhi, P.O. - Pachnandapur, P.S. - Santuri, Tehsil - Raghunathpur, District - Purulia, West Bengal. Copy of the Environmental Clearance letter has been uploaded on the official website of the Company i.e. https://www.spsgroup.co.in

Place : Kolkata
Date : 29.02.24
Sd/-
For **SPS Steels Rolling Mills Limited**

BANK OF INDIA
Asset Recovery Department
ZONE KOLKATA
Star House, 5, B.T.M Sarani, Kolkata-700001
(Ph:8210483164/7003364965)

बैंक ऑफ़ इंडिया BOI — Bank of India

Date : 01-03-2024

NOTICE FOR PUBLIC AUCTION OF PLEDGED GOLD JEWELLERY/ORNAMENTS/COINS

It is hereby brought to the notice of the following gold loan borrowers, their legal heirs, persons engaged in business of gold jewellery/ornaments/coins and general public that in spite of repeated reminders/notices by the Bank, and the following borrowers are not repaying their dues to the Bank.
Notice is hereby published that if they fail to deposit all their dues in their respective gold loan accounts (including up-to-date interest and all costs charges/expenses) by19-03-2024,then from 11.00 AM of 20-03-2024, their pledged gold jewellery/ornaments/coins will be put up for public auction in the branch premises. For this, Bank shall not be held responsible for any inconvenience or damage caused to the concerned borrowers and no allegations or representations will be entertained from any borrowers in this regard.
Persons interested to take part in this bidding should deposit Rs.500/- (Rupees Five Hundred only) with the Branch Manager before scheduled time/date towards earnest money. Persons having taken part in final bidding must be able to deposit full amount to the Bank within 48 hours, failing which their earnest money, deposited with the Bank will be forfeited. Bank reserve the right to cancel the auction without assigning any reasons in case, the bidding price so arrived at, is observed to be low or inadequate. Further, if need be, Bank reserve the right to change the date, time or place of the above scheduled auction or cancel the same without assigning any reasons thereon

Branch Name	Account No	Name of the Borrower	Address	Gross weight of the Gold
Champa	412777610000744	Uday Mondal	S/O-SHARAT MANDAL, VILL-JALCHAPA, P.O-BANGUNDARIA, P.S-MAGRAHAT, S 24 PGS	22.85 Gms
Bow Bazar	400377610000012	Sagar Kumar Sonkar	112 MAHARSHI DEBENDRA ROAD POSTA, Kolkata-700007	13.85 Gms

Zonal Manager

STORES E-PROCUREMENT

Tender Notice No.: S/66/17/23-24, Dtd: 27-02-2024. E-Tender are invited by the undersigned for the following works

Sl.No.:1: Tender No. : KT235878B;
Closing/Opening Date: 28-03-2024.

Brief Description: (1) Supply, Design and manufacture of passenger Escalators on Railway platforms over Katihar Division as per RDSO's specification No.-RDSO/PE/SPEC/TL/0095 (Rev'3')-2019. (Escalators vertical height of 6 meter or a per site requirement). Including packing & forwading. Freight to Destination and Insurance charges. (2) Erection, testing & commissioning of passenger Escalator for vertical height of 6 mtr. or as per site requirement. complete with all associated accessories and safety device etc. as per RDSO's Specification no.-RDSO/PE/SPEC/TL/0095 (Rev'3') 2019 or latest and STR No - RDSO/2017/EM/STR/0002 (Rev'1') - 2019 or latest. Cost includes free maintenance of two years during warranty of passenger Escalators as per RDSO Spec. Erection work includes minor Civil Engineering work. Make Johnson Lifts/Bhavani Elevators/L.T Elevator or Similar. Consignee:-SSE/F/Malda Town, NFR. **QTY:- 02 Nos.**

Sl.No.:2: Tender No. : KT235839B;
Closing/Opening Date: 28-03-2024.

Brief Description: (1) Supply, Design and manufacture of passenger Escalators on Railway platforms over Katihar Division as per RDSO's specification No.-RDSO/PE/SPEC/TL/0095 (Rev'3')-2019. (Escalators vertical height of 6 meter or a per site requirement). Including packing & forwading. Freight to Destination and Insurance charges. (2) Erection, testing & commissioning of passenger Escalator for vertical height of 6 mtr. or as per site requirement. complete with all associated accessories and safety device etc. as per RDSO's Specification no.-RDSO/PE/SPEC/TL/0095 (Rev '3') 2019 or latest and STR No.-RDSO/2017/EM/STR/0002 (Rev'1') 2019 or latest. Cost includes free maintenance of two years during warranty of passenger Escalators as per RDSO Spec. Erection work includes minor Civil Engineering work. Consignee -DEE/Katihar, NFR. **QTY:- 36 Nos.**

Note :- For full details of Tender Notice and Tender Documents, Tenderer may log on to the website (**www.ireps.gov.in**) prospective bidder who intend to participate in above tenders are required to log in themselves with the above website and submit their offer electronically, if they are already registered with **IREPS**. In case they are not registered with **IREPS**, they are advised to obtain class-III Digital Signature Certificate from the certifying agencies under Govt. of India IT Act 2000 and participate in the above tenders.

Dy. Chief Material Manager, New Jalpaiguri
NORTHEAST FRONTIER RAILWAY
Serving Customers With A Smile

Kotulpur Panchayat Samiti
Abridged Notice Inviting e-Tender

EO, Kotulpur PS invites bids from bonafide contractors for scheme id: (a) **2024_ZPHD_675329_1.** For details follow webtenders.gov.in

Sd/-
Executive Officer
Kotulpur Panchayat Samiti

CORRIGENDUM NO - 1

The following changes have been made in Tender No. EL-TRD-NFR-JID-GHL-MOD16R; published vide **Tender Notice No. TRD-LMG-26 of 2023-24; dated: 05-02-2024. Please read as:** Date & Time of Closing of Tender on **03-03-2024 at 15:00 hrs** instead of 29-02-2024 at 15:00 hrs. All other terms & conditions shall remain unchanged.

Sr. DEE/TRD & GS/Lumding
NORTHEAST FRONTIER RAILWAY
"Serving Customers with a smile"

Nabadiganta Industrial Township Authority
NOTICE INVITING e-TENDER
No. WBMAD/NDITA/109/ 2023-24 Date: 28/02/2024
e-Tender ID: 2024_MAD_676689_1/2

For details contact the office of NDITA at Nabadiganta Bhavan, Sector-V, Salt Lake City on all working days during office hours or visit: **www.ndita.org, https://wbtenders.gov.in & www.wburbanservices.gov.in**
sd/- Executive Officer, NDITA

Nabadiganta Industrial Township Authority
NOTICE INVITING e-TENDER
No. WBMAD/NDITA/111/ 2023-24 Date: 28/02/2024
e-Tender ID: 2024_MAD_676728_1/2

For details contact the office of NDITA at Nabadiganta Bhavan, Sector-V, Salt Lake City on all working days during office hours or visit: **www.ndita.org, https://wbtenders.gov.in & www.wburbanservices.gov.in**
sd/- Executive Officer, NDITA

Nabadiganta Industrial Township Authority
NOTICE INVITING e-TENDER
No. WBMAD/NDITA/110/ 2023-24 Date: 28/02/2024
e-Tender ID: 2024_MAD_676941_1

For details contact the office of NDITA at Nabadiganta Bhavan, Sector-V, Salt Lake City on all working days during office hours or visit: **www.ndita.org, https://wbtenders.gov.in & www.wburbanservices.gov.in**
sd/- Executive Officer, NDITA

EASTERN RAILWAY

Tender Notice No. : SG.Tender/DSTE/SDAH/460, dated 28.02.2024. e-tender is invited by Sr. DSTE, Eastern Railway, Sealdah, 2nd Floor, Control Building, DRM Building, Keizer Street, Sealdah, Kolkata-700014 for the following work : **e-Tender No. SDSTE/Sig/T/36/23-24/CAP. Name of work with its location :** Patch repairing work of different Signalling gears in SDAH-M-PDX (Excluding DDJ) of Sealdah Division. **Tender Value :** ₹ 52,21,493.20. **Earnest Money/Bid Security to be deposited :** ₹ 1,04,400/-. **Cost of tender document :** Nil. **Completion period of the work :** 12 Months. **Tender Submission start date :** 14.03.2024. **Tender Submission end date :** 28.03.2024 upto 14.00 hrs. **Tender bid opening date :** 28.03.2024 at 14.30 hrs. Details may be available : **www.ireps.gov.in. Technical Eligibility Criteria:** The tenderer must have successfully completed or substantially completed any one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited : (i) Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, or (ii) Two similar works each costing not less than the amount equal to 40% of advertised value of the tender, or (iii) One similar work costing not less than the amount equal to 60% of advertised value of the tender. **Financial Eligibility Criteria:** The tenderer must have minimum average annual contractual turnover of V/N or V whichever is less, where V=Advertised value of the tender in crores of Rupees, N=Number of years prescribed for completion of work for which bids have been invited. The average annual contractual turnover shall be calculated as an average of "total contractual payments" in the previous three financial years, as per the audited balance sheet. However, in case balance sheet of the previous year is yet to be prepared/audited, the audited balance sheet of the fourth previous year shall be considered for calculating average annual contractual turnover. The tenderers shall submit requisite information as per Annexure-VIB of GCC 2022 (Form-6 of the instant tender document) along with copies of Audited Balance Sheets duly certified by the Chartered Accountant/Certificate from Chartered Accountant duly supported by Audited Balance Sheet. **Other document to be submitted :** As mentioned in the tender document. **Similar nature of Work :** Any work of Panel Interlocking or Route Relay Interlocking or Electronic Interlocking or IBH or Automatic Signalling or LC Gate Interlocking or AFTC or SSDAC or MSDAC to be considered as similar nature of work for the instant tender work. **Note :** The tenderer shall submit along with the tender offer, documents in support of his/their claim to fulfil the eligibility criteria as mentioned in the tender document. Each page of the copy of documents/certificates in support of credentials, submitted by the tenderer, shall be self-attested/digitally signed by the tenderer or authorized representative of the tendering firm. Self-attestation shall include signature, stamp and date (on each page).

(SDAH-387/2023-24)
Tender Notice is also available at websites : www.er.indianrailways.gov.in / www.ireps.gov.in
Follow us at : @EasternRailway @easternrailwayheadquarter

ANNEXURE-15

SHAKAMBHARI GROUP

SPS STEELS ROLLING MILLS LIMITED

CIN: L51909WB1981PLC034409 LEI No.: 3358002I2NC16VIDUE53 GSTIN: 19AAHCS8719G1ZW

ELEGANT STEEL INDIA'S NO.1 QST BAR

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 RECEIVED - 7 MAR 2024 7/03/24 PURULIA (W.B.)

Regd. Office : "Diamond Prestige", 41A, A.J.C. Bose Road, 7th Floor, #701, Kolkata, West Bengal-700017, India
Unit-I : Dr. Zakir Hussain Avenue, GT Road (Indo American More), Durgapur, Dist.-Paschim Bardhaman, West Bengal-713206, India Unit-II : Vill-Poradiha, PO-Pachhandapur, PS-Santuri, Dist.-Purulia, West Bengal-722153, India
Unit-III : Nasser Husain Avenue, PO-Bidhanagar, PS-Coke Oven, Dist.-Paschim Bardhaman, West Bengal-713212, India
Phone: 033 6625 5252 I E-mail : info@shakambharigroup.in I Web : www.elegantsteel.com I Toll Free No. : 1800-102-5868

SHAKAMBHARI GROUP

SPS STEELS ROLLING MILLS LIMITED

CIN: L51909WB1981PLC034409 LEI No.: 3358002I2NC16VIDUE53 GSTIN: 19AAHCS8719G1ZW

ELEGANT STEEL INDIA'S 1 QST BAR

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

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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

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

Regd. Office : "Diamond Prestige", 41A, A.J.C. Bose Road, 7th Floor, #701, Kolkata, West Bengal-700017, India
Unit-I : Dr. Zakir Hussain Avenue, GT Road (Indo American More), Durgapur, Dist.-Paschim Bardhaman, West Bengal-713206, India Unit-II : Vill-Poradiha, PO-Pachhandapur, PS-Santuri, Dist.-Purulia, West Bengal-722153, India
Unit-III : Nasser Husain Avenue, PO-Bidhanagar, PS-Coke Oven, Dist.-Paschim Bardhaman, West Bengal-713212, India
Phone: 033 6625 5252 I E-mail : info@shakambharigroup.in I Web : www.elegantsteel.com I Toll Free No. : 1800-102-5868

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

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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

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

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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

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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 Sub-Divisional Officer Raghunathpur, Dist. Purulia
RECEIVED Without Verification
Date 05/03/2024

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

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Thanking you and with regards,

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

(Mrityunjoy Chattopadhyay)
Group HR Head (Shakambhari Group)

SPS Steels Rolling Mills Ltd. Poradiha Purulia

Encl: As above

05/3/2024
Received without Verification
Office of the Block Development Officer Govt. of West Bengal, at+P.O. Tehsil, Dist. Purulia, Santuri

Date: 04.03.2024

To,
The Sabhapati,
Santuri Panchayat Samity,
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

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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 WITH OUT CHECKING
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

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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

Rec'd 5/3/24

BALITORA GRAM PANCHAYAT * OFFICE Estd-1978 * P.O.-MUNILIA, DIST.-PURULIA