

SPS STEELS RULLING MILLS LIMITED CIN: L51909WB1981PLC034409 LEI No.: 3358002I2NC16VIDUE53 GSTIN: 19AAHC58719G1ZW

Ref: -SPS-1 /SMC/MoEFCC/APRIL-2023 TO SEPT- 2023

Date: 27.12.2023

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To, **The inspector General of Forest (IGF)** GOI, MoEF&CC, Integrated Regional Office, Kolkata IB-198, Salt Lake City, Sector-III Kolkata - 700106

SUB: Six Monthly (April-2023 to Sept-2023) Compliance to Environmental Clearance conditions vide MoEFCCF F. No. J-11011/156/2020-IA. II(I) dated 01th September, 2022 by M/s SPS Steels Rolling Mills Limited, Dr Zakir Hussain Avenue, G.T Road (Indo American More) Durgapur, PO- ABL Sub Post office, Dist – Paschim Bardhman (WB)-713206.

Dear Sir,

With reference to above, we are submitting herewith the six-monthly compliance report (April. 2023 to Sept 2023) of M/s SPS Steels Rolling Mills Limited, Dr. Zakir Hussain Avenue, G.T Road (Indo American More) Durgapur, PO- ABL Sub Post office, Dist – Paschim Bardhman (WB) as per the directives of Ministry of Environment Forest and Climate Change, Government of India. Point wise compliance status report along with latest environment monitoring data is enclosed for your kind perusal.

Hard copy of the report has not been sent following MoEFCC Eastern Regional Office direction vide File No. 106-12/EPE Dated 11.05.2020. Hope you will find the same in order.

Kindly acknowledge our submission.

Thanking You.

Yours faithfully,

For SPS Steels Rolling Mills Limited,

Authorize Steel Encl: as above Durcapu

Copy to:

The Environmental Engineer, West Bengal Pollution Control Board, Durgapur, Regional office, Shahid Khudiram Sarani, City Center, Durgapur (WB)-713216

Regd. Office : "Diamond Prestige", 41A, A.J.C. Bose Road, 7th floor #701, Kolkata, West Bengal - 700017, India Unit I : Dr. Zakir Hussain Avenue, G.T.Road (Indo American More) Durgapur, West Burdwan, West Bengal - 713206, India Unit II : Village:- Poradiha, P.O:- Pachhandapur, P.S.: Santuri, District - Purulia, West Bengal - 722153, India

M/S SPS STEELS MILL ROLLING MILLS LIMITED

COMPLIANCE STATUS OF ENVIRONMENTAL CLEARANCE

MoEF&CC. F. No.: J-11011/156/2020-IA. II (I) dated 01st September 2022

COMPLIANCE PERIOD:

APRIL-2023 to SEPTEMBER -2023

PROJECT LOCATION:

Dr. Zakir Hussain Avenue, G.T. Road (Indo American More) Tehsil-Faridpur Durgapur, Dist- Paschim Bardhman (WB)-713206



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SIX MONTHLY COMPLIANCE RPORT

Name of the Project	:	M/S SPS STEELS MILL ROLLING MILLS LIMITED
Environmental Clearance Letter Ref.	:	F.NO.: J-11011/156/2020-IA.II (I) dated 01st September 2022
Period of Compliance Report	:	April 2023 – September 2023

Environmental Clearance F.NO.: J-11011/156/2020-IA. II (I) dated 01st September 2022

SI. No.	CONDITIONS	COMPLIANCE STATUS
A. Speci	fic Conditions:	
i.	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.	Noted. It shall be complied with.
ii.	The project proponent shall utilize modern technologies for capturing of carbon emitted and shall also develop carbon sink/carbon sequestration resources capable of capturing more than emitted. The implementation report shall be submitted to the IRO, MoEF&CC in this regard.	Noted. The company has taken into considerations to adopt more carbon efficient technologies available in the market at planning stage for integrations of new equipment. Carbon sequestration resources like dens plantation and its proper maintenance being/shall be done as the plants are good receptor of CO ₂ from atmosphere.
iii.	Performance test shall be conducted on all pollution control systems every year and report shall be submitted to Regional Office of the MoEF&CC.	It shall be complied. NABL accredited third party monitoring being conducted periodically to evaluate the emission level of pollution control systems i.e. ESPs and bag filters. Emission status of pollution control system also being monitored by monitoring team of west Bengal Pollution control Board (WBPCB) time to time. 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 with scheduled shutdown of plant operations, Latest Stack monitoring reports are enclosed as Annexure-1

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īv.	 Following additional arrangements to control fugitive dust shall be provided: a. Fog / Mist Sprinklers at all conveyors point and 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. 	It is being complied. For control of fugitive dust emission covered conveyors are provided. Water sprinkler/fog system also installed material transfer points, bulk raw material storage, ash handling, kiln axis and other dust prone areas. Coal are kept under the storage shed. Some photographs are attached as Annexure-2 Vehicles used for transportation of raw material are ensured to be covered. It shall be complied. To minimize the fugitive emission caused by the vehicular movements, company has planned to concretization/paver blocking of all internal roads of the plant. Photographs of work progress of RCC road making and paver blocked area are attached as Annexure-3
v.	Project proponent shall ensure to close 2 RH furnaces and go for 100 % hot charging. For emergency one RH would be retained to run on LDO or CBM as available in Durgapur. Coal shall not be used as fuel in the reheating furnace.	Both of 02 RH Furnaces have been dismantled. One RHF is retained for emergency use. Emergency RH Furnace being/shall be run on CBM/LDO and no coal being/shall be used for RHF operation.
vī.	As committed, all conditions of CEPI including 40% green belt development and 1.5 times CER shall be complied with as per the mitigation measures submitted.	Total- 9410 nos. trees have been planted and covering approx. 3.75 ha. by gap filling and new plantations. We have achieved 40% of green belt area of total project area with plant density of approx. 2509 trees/ ha. Survival rate of green belt developed being/shall be monitored to ensure that damaged plants are replaced with new plantation. For the development of greenbelt indigenous species are used i.e. Radhachura, Neem, Arjun, Bat. Peepal, Bakul, Conocarpus,Kadam. Rain tree, Shishu, Sonajhuri, Siris. Ficus, Krishnachura Palm trees etc. inside the plant and outside the plant periphery. Some photographs are attached as Annexure-4. Execution of CER has been started as per directions.
vii.	Particulate matter emission from stacks shall be less than 30 mg/Nm3.	Air pollution control devices viz. ESPs and bag filters have already been installed and operated efficiently. Enhancement of capacitis of Pollution control devices has been initiated and it shall be enhanced phase wise to control emission level within 30 mg/Nm3. New pollution control devices under expansion project has already been installed considering emission limit of 30 mg/Nm3. Stack monitoring reports are enclosed as Annexure-1

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viii.	The total water requirement of 1385 KLD shall be met from Durgapur Projects Ltd. (DPL). No ground water abstraction is permitted.	Noted. It shall be complied. Water requirement being/will be met from Durgapur Projects Ltd. (DPL). No ground water being/will be abstracted. Copy of the agreement is attached as Annexure-5.
ix.	The company shall also undertake rain water harvesting measures as per the plan submitted and reduce water dependence from the outside source.	Rain water harvesting pond already been developed to ensure maximum rain water collection and being used to reduce water dependence from the outside source. Photograph attached as Annexure-6 .
		All possible attempts shall be made to ensure optimal rain water harvesting & use of such water to reduce requirements from outside.
X.	Left Bank Main Canal, Damodar River, Barjora Nadi, Kunur Nadi, Panagarh Branch Canal, Damodar Branch Canal exists within the study area of 10 km from the project site.	Recycle & reuse practice being/shall be ensured to maintain the Zero Liquid Discharge. No industrial waste water is allowed to discharge outside the factory premises.
	The water bodies shall not be disturbed. 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.	Drainage system of the company is under renovation so as to maintain the natural flow parameters and don't cause the soil erosion.
xi.	Air cooled condensers shall be used in the Power plant.	Air cooled condensers and closed-circuit cooling system will be provided with Power Plant to reduce water consumption.
xii.	A proper action plan must be implemented to dispose of the electronic waste generated in the industry.	Electronic waste generated being disposed of through authorized vendor. Form-3 is attached as Annexure-7
xiii.	Three tier Green Belt shall be developed in a time frame of one year with native species all along the periphery of the project site of adequate width and tree density shall not be less than 2500 per ha. Survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years.	Total- 9410 nos. trees have been planted and covering approx. 3.75 ha. We have achieved 40% of green belt area of total plant land with plant density of approx. 2509 trees/ ha. Survival rate of green belt developed being/shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years. Some photographs of greenbelt development are attached as Annexure-4
	Plantation in gaps in the green belt shall be done by the PP during the present monsoon period and maintenance of @2500 plants/ha shall be done in the following years.	Additional plantation in the East Direction from plant site to minimize the effect on Durgapur Protected Forest shall be ensured. Greenbelt/Plantation outside the project premises such as avenue plantation in vacant areas and social forestry has been started as a part of socio-
	Additional plantation shall be made in the East Direction from plant site to minimize the effect	economic developmental activities. Approx. 1600 plants have been planted in the east direction of the project

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	on Durgapur Protected Forest. Greenbelt / Plantation outside the project premises such as avenue plantation in vacant areas and social forestry shall also be done through socioeconomic developmental activities. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&CC.	beside road at Nasser Hussain Avenue. Some photographs are attached as Annexure-8
xiv.	Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.	Greening and Paving inside the plant area is widely considered to con troll the soil crosion, however plant area gradient is even and flat mostly surrounded by civil structure and there is least scope of soil erosion.
xv.	The project proponent shall monitor the coal dust exposure concentrations at coal handling areas, ball mills, furnace charging areas through personal/area monitoring; and to be compared and it should be within 2 mg/m3, respirable dust fraction containing less than 5% quartz as per Indian Factories Act, 1948.	It is being monitored. Coal is being stored under coal storage shed. Presently coal is being used as fuel for sponge iron production in DRI Kiln. Adequate water sprinkling being done to suppress the fugitive dust emission. Fugitive emission being monitored time to time. Latest work zone monitoring report is enclosed as Annexure-9.
xvi.	The proposed project shall be designed as "Zero Liquid Discharge" Plant. There shall be no discharge of effluent from the plant. Domestic waste water will be treated in STP and treated water shall be re-used for greenbelt development and plantation and dust suppression.	Recycle and reuse practice has been adapted for industrial waste water. No industrial effluent being discharged outside the factory premises. For domestic sewage effluent treatment septic tank followed by soak pit facilities are provided. STP shall be installed for the treatment of domestic waste water and treated water shall be re-used for greenbelt development and plantation and dust suppression. Effluent analysis report is enclosed as Annexure-10
xvii.	CEMS shall be provided on all process stacks and the signal shall be received in plant control room for central control of APCDs installed in the plant.	24x7 Online Continuous Emission Monitoring System (OCEMS) have been installed with all major stacks and connected to CPCB portal to monitor the air emissions. Signal are received in plant control room for central control of APCDs installed in the plant.
xviii.	All internal road and connecting road from project site to main highway shall be developed and maintained with suitable Million Axle Standard (MSA) as per the traffic load due to existing and proposed project.	Development of RCC/Paved roads to comply with traffic load are under progress.
xix.	Internal roads of plant premises shall be concreted and maintained in good condition. Industrial vacuum cleaners shall be used regularly to clean roads to reduce fugitive emissions.	Most of the internal roads of the plant has already been paved or concreted and being maintained in good conditions. Concretization of remaining internal roads where heavy vehicle movements are envisaged is under progress.
		Photographs of work progress of RCC Road making and paver blocked area are attached as Annexure 3 pilin

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xx.	All stockyards shall be having impervious flooring and shall be equipped with water spray system for dust suppression. Stock yards shall also have garland drains to trap the run off material.	Impervious flooring of stockyard shall be ensured with garland drain as per direction so as to trap the run off materials. However raw material like coal, iron pellet and sponge iron are kept under the shed and those kept outside under open sky being covered under tarpaulin. Water sprinkling system is provided for dust suppression.
xxi.	All the commitments made to the public during the Public Hearing/Public Consultation 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 shall be strictly implemented and progress shall be submitted to the Regional Office of MoEF&CC.	Noted, it shall be complied with.
xxii.	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 <u>https://cpcb.nic.in/technical guidelines-3/</u> 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	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.
xxiii.	The project proponents. 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	Proper Air pollution control devices (APCDs) like ESP, Bag Houses, Wet Scrubbers are/shall be provided to maintain clean air environment. Adequate no. of water sprinklers are provided in the project area and movable water tanker is also deployed for suppression of fugitive dust emission due to vehicular movement on roads inside the plant and surraunding of the plant area.

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	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.	
B. Ge	eneral Conditions:	
I. Sta	tutory 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. After getting the Environmental Clearance SPS has obtained the Consent to Establish (CTE) from West Bengal Pollution Control Board (WBPCB) and there after CTO for 5x20 Ton Induction Furnace has been obtained from WBPCB. Copies of CTE and CTO is enclosed as Annexure-11A & 11B
II. Ai	r quality monitoring and preservation	
i.	The project proponent shall install 24x7 continuous emission monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31 st March 2012 (Integrated iron & Steel); G.S.R 414 (E) dated 30th May 2008 (Sponge Iron) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	24x7 Online Continuous Emission Monitoring System (OCEMS) with all major stacks have been installed and connected to CPCB portal to monitor the air emissions. Stack emission status also being monitored periodically through NABL accredited laboratory to evaluated emission level. Latest stack monitoring report is attached as Annexure-1.
ii.	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Fugitive emission is being mon NABL accredited laboratories Latest fugitive air monitoring report is attached as Annexure-9.
iii.	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.	Air pollution control devices viz. ESPs and bag filters along with dust extraction system along with water sprinkling system for effective dust suppression have been installed and efficiently operated to control emission level well within the norms. Third party monitoring by NABL accredited laboratory being conducted periodically to evaluate the emission levels. Latest Stack monitoring report & fugitive and the second report is enclosed as Annexure-1 & 9

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iv.	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	Being/shall be complied.
v.	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 which contains low iron fines and iron fines generated/collected from pollution control devices being provided to pellet making plant and coal fines being provided to power generating units. There is no briquetting plant is proposed to be installed according to EC obtained from MoEF&CC.
vi.	The project proponent shall ensure covered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation.	It is being complied. properly covered vehicles are being/will be used to prevent spillage and fugitive dust generation.
vii.	The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.	Fume extraction system has been installed at SMS attached with spark arrester and bag filters connected with 30-meter stack height.
viii.	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 project facilities.
III. W	ater 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 vide G.S.R 277 (E) dated 31 st March 2012 (Integrated iron & Steel); G.S.R 414 (E) dated 30th May 2008 (Sponge Iron) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	It shall be complied. Recycle and reuse practice has been adapted for industrial waste water. No industrial effluent being discharged outside the factory premises. For domestic sewage effluent treatment septic tank followed by soak pit facilities are provided.
ü.	The project proponent shall monitor regularly ground water quality at least twice a year (pre and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.	Half yearly monitoring of ground water being done. Latest Ground water monitoring report is enclosed as Annexure-12.

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iii.	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.	Presently for domestic sewage effluent treatment septic tank followed by soak pit facilities are provided. STP shall be installed for the treatment of domestic waste water and treated Water shall be re-used for greenbelt/green cover development.
iv.	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.	Effluent generated from rolling mills being treated and recycled back to the process. No effluent being discharged outside the factory premises.
v.	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.	Being complied. Raw martial like coal and pellet being kept under the shed iron stock piles are being covered under the tarpaulin.
vi.	Tyre washing facilities shall be provided at the entrance/exit of the plant gates.	Proper road sweeping being done on regular basis. Mobile water takers have been deployed for water sprinkling on roads for road dust suppression. Tyre washing facilities at the entrance/exit of the plant gate shall also be provided.
<i>IV. N</i>	oise monitoring and prevention	
i.	Noise quality shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and report in this regard shall be submitted to Regional Officer of the	It is being/shall complied. Noise quality monitoring being done on regular basis as directives of Noise Pollution (Regulation and Control) Rules, 2000.
	Ministry as a part of six-monthly compliance report.	Latest ambient & work zone noise monitoring report are enclosed as Annexure 13A & Annexure 13B
V. En	ergy Conservation measures	
i.	Energy conservation measures may be adopted such as adoption of solar energy and provision of LED lights etc., to minimize the energy consumption.	It is being/shall be complied. Offices inside the has been equipped with LED lights. For the minimization of electric energy consumption company has proposed the installation solar panel and that is under progress.
VI. W	aste management	1
i.	Used refractories shall be recycled.	Noted.
ii.	Kitchen waste shall be composted or converted to biogas for further use.	Organic waste generated from the canteen is being & shall be composted and used for green belt development.
VII. C	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 including plantation.	Carbon Footprint & Carbon sequestration report of the project is already been prepared and submitted to MOEF&CC. Continuous efforts being & shall be done to reduce the Carbon Footprint
ii.	Project proponent shall submit a study report on De-carbonisation program, which would	Noted. It shall be complied with

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	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.	
VIII.	Public hearing and Human health issues	
i.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Complied. Risk & Disaster Management Plan of the company has been prepared and already been submitted. Attached as Annexure-14
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 of Factory Act.	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.
iii.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.	Occupational Health Surveillance of the workers is being carried out on regular interval and records are maintained. Health check-up report of some employees is enclosed as Annexure- 15
IX. E	nvironment 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.	Company has undertaken various CER activities for the benefit of local community i.e. maintenance of school building, study material distribution to school students, food items to underprivileged people, sport organization for children/youths, blood donation camps etc. It shall be more effectively implemented to comply the directions of socio-economic development for the benefit of local community.
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 /	It is complied. SPS has implemented standard operating procedure to look into any infringement/ deviation/violation of environmental/ forest/wildlife norms/ conditions.

	violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six- monthly report.	The Company 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 as follows: Board of Directors Board of Directors Unit Mead ED Corporate Unit Mead Invironment Meaded Safety Officer
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.
X. Mi	scellaneous	
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. The grant of environmental clearance already been advertised in 'Aajkal' & Millennium Post Newspaper on 06th Sept., 2022 to make it public Annexure-16 Copy of the environmental clearance (EC) is uploaded in company's website (https://www.spsgroup.co.in/).
ii.	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and	It is complied.

	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.	Discontant.
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 is being/shall be complied. It being uploaded on company's website https://www.spsgroup.co.in/ on regular basis.
iv.	The project proponent shall monitor the criteria pollutants level namely; PM_{10} , SO_2 , NO_x (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.	Latest stack monitoring reports & ambient air monitoring report for criteria pollutants level namely; PM ₁₀ , S0 ₂ , NO _x being displayed at main gate of the plant and it shall also be uploaded in company website (https://www.spsgroup.co.in/) under Half yearly compliance report as per direction. Ambient Air & Stack Monitoring reports are enclosed as Annexure- 17 & Annexure- 1
v.	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.
vi.	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.	Being complied. The environment statement (Form-V) for Financial Year 2022-23 has been submitted to WBPCB with a copy to Integrated Regional Office of the MOEF&CC, Kolkata. The report has been uploaded on the company's website as per direction.
vii.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Date of financial closure of the project is 06.06.2022 Consent to Establish (CTE) obtained from WBPCB on 16.09.2022. As expansion project was proposed within existing plant area therefore land development work not much required. Land development cum project work was started w.e.f. 18.09.2022 W.r.t expansion project facilities 1st Consent to Operate (CTO) from WBPCB for production operation was obtained on 03.03.2023
viii.	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.

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ix.	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 website 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. It shall be complied.
x.	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).
xi.	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 complied.





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(A leading environmental research laboratory)

Recongnized by West Bengal Pollution Control Board

Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216 Contact: 0343-2543019, 9732580459, 9433158173, email : greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com

TEST REPORT OF STACK GAS ANALYSIS [FORMAT NO. : GV/LAB/FM/33A]

Sample is drawn by M/s. Greenvision			U.L.R. No. : TC1100323000000100F		
Report No.: GV/AR/23-24/056Name of Customer: M/s. SPS Steels RAddress of Customer: Dr. Zakir HussainPin : 713206, Pasc	olling Mi Avenue, him Bard	ills Ltd.(Un Durgapur, lhaman.	it-I) Sample Ref. ID Report Date Date of Sampling Sample Received On	: AS-092-2023(3) : 19.08.2023 : 02.08.2023 : 02.08.2023	
Sample Description: Stack AirSampling Location: Rotary KilnSample Condition: In GMF Thimble & Plastic BottlesSampling Method: CPCB, Emission Regulation (Part III)Tasting Location: At L abortomy			Analysis Started On Analysis Completed On Time of Sampling	: 03.08.2023 : 03.08.2023 : 10:10 am	
A. GENERAL INFORMATION ABOUT S'	TACK				
01. Particulars of plant: Integrated Steel Plant (DRI Plant)02. Stack connected to: 100 TPD Rotary Kiln03. Material of construction: M.S.04. Shape of stack: Circular05. Height of stack from G.L (mtr): 30.006. Height of sampling from G.L (mtr): 22.007. Internal stack diameter at sampling point (mtr): 1.008. Emission due to: Reduction of Iron Ore & Oxidation of C09. Steam generation capacity:(rated)10. Load of source:(rated)10. Type of fuel used: Coal01. Type of fuel used: Coal02. Calorific value (K-Cal/Kg):03.Ash content (% by Wt):04. Sulphur content (%				: : : I.O. : 5.5 MT/Hr. Wt):	
06. Working fuel consumption		:4.8 TP	Н		
C. RESULTS OF GASEUS EMISSION SAI	MPLING	Ĵ	Test Method		
01. Flue gas temperature $(^{\circ}C)$		114	CPCB, Emission Regulation (Part II)	I)	
02. Barometric pressure (mm of Hg)		754.0	CPCB, Emission Regulation (Part III	[)	
03. Velocity of flue gas (m/sec)		9.14	CPCB, Emission Regulation (Part II)	l)	
04. Quantity of gas flow (Nm ³ /hr.)		18585.12	CPCB, Emission Regulation (Part III	I)	
05. Concentration of Particulate Matter (mg/ Nm ³))	30.42	IS:11255 (Part 1), 1985, Reaffirmed	2014	
06. Particulate Matter normalized at 12% CO ₂		37.25	Sec. 11 (Vol. 11.07) : 2017		
07. Concentration of SO ₂ (mg/ Nm ²)		195.48	IS:11255 (Part 2), 1985, Reaffirmed	2014	
08. Concentration of NO ₂ (mg/ Nm ³)		100.46	IS:11255 (Part 3), 2008		
<u>09.</u> Concentration of O_2 (% V/V)		9.4	IS:13270:1992, Reaffirmed 2014		
08. Concentration of CO ₂ (% V/V)		9.8	IS:13270:1992, Reaffirmed 2014		
09. Concentration of CO (% V/V)		< 0.2	IS:13270:1992, Reaffirmed 2014		
Pollution Control Device		: E	SP		
Permanent Ladder and Platform		: Y	'es		
Reviewed by (Sabyasachi Shyam Roy Chowdhury) Quality Manager			(Sabyasachi Shyam Roy C Quality Manage Authorised Signat	chowdhury) er ory	

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Recongnized by West Bengal Pollution Control Board

Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216 Contact : 0343-2543019, 9732580459, 9433158173, email : greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com

TEST REPORT OF STACK GAS ANALYSIS

[FORMAT NO. : GV/LAB/FM/33A]

Sample is drawn by M/s. Greenvision				U.L.R. No. : TC11	U.L.R. No. : TC1100323000000101F	
Report No.	: GV/AR/23-24/057			Sample Ref. ID	: AS-092-2023(4)	
Name of Customer : M/s. SPS Steels Rolling Mi			ills Ltd.(Uni	t-I) Report Date	: 19.08.2023	
Address of Customer : Dr. Zakir Hussain Avenue,			Durgapur,	Date of Sampling	: 02.08.2023	
	Pin : 713206, Pase	chim Barc	dhaman.	Sample Received On	: 02.08.2023	
Sample Description	: Stack Air			Analysis Started On	: 03.08.2023	
Sampling Location : Rotary Kiln				Analysis Completed On	: 03.08.2023	
Sample Condition : In GMF Thimble & Plastic			Bottles	Time of Sampling	: 11:50 am	
Sampling Method	: CPCB, Emission F	Regulation	(Part III)			
Testing Location	: At Laboratory					
A. GENERAL INFORM	ATION ABOUT S	STACK				
01. Particulars of plant			: Integra	ted Steel Plant (DRI Plant)		
02. Stack connected to			: 2 Nos.	40 TPD Rotary Kiln		
03. Material of construction			: M.S.			
04. Shape of stack	[(matu)		: Circula	ir		
05. Height of stack from G.	L(mtr)		: 30.0	from root level (mtr) :		
00. Height of sampling from	t compling point (m	(11)	: 24.0	from L.D.Z (mtr) :		
08 Emission due to	at sampling point (m	(r)	: 1.0 : Paduat	ion of Ivon Ovo & Ovidation of Cool		
00. Steam generation canaci	ts.	(rated)	. Reduct	ion of from Ore & Oxidation of Coal		
10 Load of source:	ity.	(rated)	· 2 X 40	TPD (running): I.O.	· 2 4 MT/Ur /Kiln	
B FUEL CHARACTER	ISTIC REPORT	(lated)	. 2 / 40	(running). I.O.	2.4 WH//III./KIIII	
01 Type of fuel used	ISTIC REFORT		· Coal			
02. Calorific value (K-Cal/K	(g): 03 As	h content ((% by Wt):	- 04 Sulphur content (% by	Wt).	
05 Rated fuel consumption	5). 05.745	on content (·	04.Sulphur content (70 by	w()	
06. Working fuel consumption	on		: 2.0 MT	T/Hr./Kiln		
C. RESULTS OF GASE	US EMISSION SA	MPLIN	G	Test Method		
01. Flue gas temperature ($^{\circ}C$	()		108	CPCB Emission Regulation (Part II	T)	
02. Barometric pressure (mn	n of Hg)		754.0	CPCB, Emission Regulation (Part II	T)	
03. Velocity of flue gas (m/s	sec)		8.05	CPCB, Emission Regulation (Part II	D	
04. Quantity of gas flow (Nr	$n^{3}/hr.)$		16798.93	CPCB, Emission Regulation (Part II	1)	
05. Concentration of Particu	late Matter (mg/ Nm	3)	34.12	IS:11255 (Part 1), 1985 Reaffirmed	2014	
06. Particulate Matter norma	lized at 12% CO ₂	/	42.65	Sec. 11 (Vol. 11.07) · 2017	2011	
07. Concentration of SO ₂ (m	(p/Nm^3)		152.68	IS:11255 (Part 2) 1985 Reaffirmed	2014	
08. Concentration of NO ₂ (m	ng/Nm^{3})		81.25	IS:11255 (Part 3), 2008	2014	
09. Concentration of O_2 (%)	V/V		10.0	IS:13270:1992 Reaffirmed 2014		
08. Concentration of CO ₂ (%	6 V/V)		96	IS:13270:1992 Reaffirmed 2014		
09. Concentration of CO (%	V/V)		< 0.2	IS:13270:1992, Reaffirmed 2014		
Pollution Control Device · FSP						
Permanent Ladder and Platform : Ves						
S.P. alist.	~			28 0 0	190	
Reviewed by				(Sabyasachi Shyam Roy	(howdhury)	
(Sabyasachi Shyam Roy Ch	nowdhury)			Quality Manag	er	
Quality Manager Authorised Signatory						
Construction Ber				For, GREEN VI	SION	
Note: 1. This report refers to	the values obtained	at the time	of testing an	d results related to the items tested		

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Contact: 0343-2543019, 9732580459, 9433158173, email: greenvision.dgp@gmail.com, Website: www.greenvisiondurgapur.com

TEST REPORT OF STACK GAS ANALYSIS

Sample is drawn by M/s C	FORMATIN	0.: GV/LA	B/FM/33A]
Sample is drawn by M/S. G		Control Def ID	
Report No. Name of Customer Address of Customer	: GV/AR/23-24/058 : M/s. SPS Steels Rolling Mi : Dr. Zakir Hussain Avenue, Pin : 713206 Paschim Bard	ills Ltd.(Un Durgapur,	it-I) Sample Ref. ID : AS-092-2023(5) it-I) Report Date : 19.08.2023 Date of Sampling : 02.08.2023 Sample Received On : 02.08.2023
Samala Decemintion	Charle A in	maman.	Analysia Started On
Sample Description Sampling Location Sample Condition Sampling Method Testing Location	: Stack Air : Product House : In GMF Thimble : CPCB, Emission Regulation : At Laboratory	(Part III)	Analysis Started On : 03.08.2023 Analysis Completed On : 03.08.2023 Time of Sampling : 01:45 pm
A. GENERAL INFORM	VIATION ABOUT STACK		
 01. Particulars of plant 02. Stack connected to 03. Material of construction 04. Shape of stack 05. Height of stack from C 06. Height of sampling from 	on G.L (mtr) om G.L (mtr)	: Integr : Produ : M.S. : Circul : 30.0 : 20.0	ated Steel Plant (DRI Plant) ct House lar from roof level (mtr) : from L.D.Z (mtr) :
07. Internal stack diamete	r at sampling point (mtr)	: 0.8	A
08. Emission due to	(mater)	: Proce	ss Activities
10 Lead of sources	(rated)	:	(running):
P FUEL CHADACTE	(rated)		(running) :
02. Calorific value (K-Cal. 05. Rated fuel consumptio 06. Working fuel consump	/Kg): 03.Ash content (n otion	(% by Wt): :	04.Sulphur content (% by Wt):
C. RESULTS OF GAS	EUS EMISSION SAMPLING	G	Test Method
01. Flue gas temperature (°C)	37	CPCB, Emission Regulation (Part III)
02. Barometric pressure (n	nm of Hg)	754.0	CPCB, Emission Regulation (Part III)
03. Velocity of flue gas (m	n/sec)	5.92	CPCB, Emission Regulation (Part III)
04. Quantity of gas flow (1	Nm ³ /hr.)	9884.52	CPCB, Emission Regulation (Part III)
05. Concentration of Partic	culate Matter (mg/ Nm ³)	31.76	IS:11255 (Part 1), 1985, Reaffirmed 2014
06. Particulate Matter norr	nalized at 12% CO ₂		Sec. 11 (Vol. 11.07) : 2017
07. Concentration of SO ₂ ((mg/Nm^3)		IS:11255 (Part 2), 1985, Reaffirmed 2014
08. Concentration of NO ₂	(mg/ Nm ³)		IS:11255 (Part 3), 2008
09. Concentration of O2 (%	% V/V)	20.4	IS:13270:1992, Reaffirmed 2014
08. Concentration of CO ₂	(% V/V)		IS:13270:1992, Reaffirmed 2014
09. Concentration of CO (% V/V)	< 0.2	IS:13270:1992, Reaffirmed 2014
Pollution Control Device		:	Bag Filter
Permanent Ladder and P	latform	:	Yes
Reviewed by (Sabyasachi Shyam Roy O Quality Manager	Chowdhury)		(Sabyasachi Shyam Roy Chowdhury) Quality Manager Authorised Signatory

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For, GREEN VISION







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TEST REPORT OF STACK GAS ANALYSIS [FORMAT NO. : GV/LAB/FM/33A]

Sample is drawn by M/s. Greenvision	U.L.R. No. : TC1100323000000103F				
Report No.: GV/AR/23-24/059Name of Customer: M/s. SPS Steels Rolling MilAddress of Customer: Dr. Zakir Hussain Avenue, IPin : 713206, Paschim Bardh	lls Ltd.(Uni Durgapur, naman.	Sample Ref. ID : AS-092-2023(6) it-I) Report Date : 19.08.2023 Date of Sampling : 02.08.2023 Sample Received On : 02.08.2023			
Sample Description: Stack AirSampling Location: Cooler DischargeSample Condition: In GMF ThimbleSampling Method: CPCB, Emission Regulation (ITesting Location: At Laboratory	Analysis Started On : 03.08.2023 Analysis Completed On : 03.08.2023 Time of Sampling : 03:35 pm				
A. GENERAL INFORMATION ABOUT STACK					
 01. Particulars of plant 02. Stack connected to 03. Material of construction 04. Shape of stack 05. Height of stack from C.L. (mtr) 	: Integra : Cooler : M.S. : Circul	ar from roof level (mtr)			
06. Usight of someling from C.L. (mtr)	. 10.0	from I D Z (mtr)			
00. Height of sampling from 0.L (mtr)	: 10.0	nom E.D.Z (mu)			
07. Internal stack diameter at sampling point (intr)	· Proces	ss Activities			
00. Steam generation canacity: (rated)		(running) ·			
10 Load of source: (rated)	·	(running) :			
B. FUEL CHARACTERISTIC REPORT		(united by)			
01 Type of fuel used	:				
02 Calorific value (K-Cal/Kg): 03. Ash content (% by Wt):	04.Sulphur content (% by Wt):			
05 Rated fuel consumption	:				
06. Working fuel consumption	:				
C RESULTS OF CASEUS EMISSION SAMPLING	2	Test Method			
(1) Flue gas temperature $\binom{0}{C}$	41	CPCB Emission Regulation (Part III)			
02 Barometric pressure (mm of Hg)	754.0	CPCB, Emission Regulation (Part III)			
03. Velocity of flue gas (m/sec)	8.61	CPCB Emission Regulation (Part III)			
04 Quantity of gas flow (Nm ³ /hr.)	8012.24	CPCB Emission Regulation (Part III)			
05. Concentration of Particulate Matter (mg/Nm ³)	36.39	IS:11255 (Part 1) 1985 Reaffirmed 2014			
06. Porticulate Matter normalized at 12% CO-	50.57	Sec. 11 (Vol. 11.07) · 2017			
00. Furthermatic Matter normalized at 1270 CO_2		IS:11255 (Part 2) 1985 Reaffirmed 2014			
0° Concentration of NO (mg/Nm ³)		IS:11255 (Part 3) 2008			
00 . Concentration of O_2 (M_2 / M_1)	20.4	IS:13270:1992 Reaffirmed 2014			
0° . Concentration of $O_2(76 \sqrt{7})$	20.4	IS:13270:1992, Reaffirmed 2014			
$\frac{1}{2} \frac{1}{2} \frac{1}$	<02	IS:13270:1992 Reaffirmed 2014			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $					
Pollution Control Device : Dag Filter					
Permanent Ladder and Platform					
Reviewed by (Sabyasachi Shyam Roy Chowdhury) (Sabyasachi Shyam Roy Chowdhury) Quality Manager					

Quality Manager

Authorised Signatory For, GREEN VISION

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Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216 Contact: 0343-2543019, 9732580459, 9433158173, email : greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com

TEST REPORT OF STACK GAS ANALYSIS

[FORMAT NO. : GV/LAB/FM/33A]

Sample is drawn by M/s. Greenv.	ision	U.L.R. No. : TC1100323000000160F		
Report No. : GV	//AR/23-24/084		Sample Ref. ID : AS-110-2	2023(1)
Name of Customer : M/	s. SPS Steels Rolling M	ills Ltd.(Uni	t-I) Report Date : 30.08.20	23
Address of Customer : Dr	Zakir Hussain Avenue.	Durgapur.	Date of Sampling : 23.08.20	23
Pin	: 713206, Paschim Barc	ihaman.	Sample Received On : 23.08.20	23
Sample Description : Sta	ack Air		Analysis Started On : 24.08.20	23
Sampling Location : Inc	luction Furnace		Analysis Completed On : 24.08.20	23
Sample Condition : In	GMF Thimble		Time of Sampling : 10:30 an	n
Sampling Method : CF	CB, Emission Regulation	(Part III)		
Testing Location : At	Laboratory			
A. GENERAL INFORMATI	ON ABOUT STACK			
01. Particulars of plant		: Integra	ted Steel Plant (SMS)	
02. Stack connected to		: 3 Nos.	Induction Furnace	
03. Material of construction		: M.S.		
04. Shape of stack		: Circula	ır	
05. Height of stack from G.L (m	tr)	: 30.0	from roof level (mtr) :	
06. Height of sampling from G.I	_ (mtr)	: 18.0	from L.D.Z (mtr) :	
07. Internal stack diameter at sar	npling point (mtr)	: 1.0		
08. Emission due to		: Meltin	g of Sponge, Pig Iron & Scrap	
09. Steam generation capacity:	(rated)	:	(running) :	
10. Load of source:	(rated)	: 3 X 20	MT/Heat (running): 3 X 20 M1/J	Heat
B. FUEL CHARACTERIST	IC REPORT			
01. Type of fuel used		: Electri	city	
02. Calorific value (K-Cal/Kg): -	03.Ash content	(% by Wt):	- 04.Sulphur content (% by Wt):	
05. Rated fuel consumption		:		
06. Working fuel consumption	- 18	:		
C. RESULTS OF GASEUS I	EMISSION SAMPLIN	G	Test Method	
01. Flue gas temperature (°C)		74	CPCB, Emission Regulation (Part III)	
02. Barometric pressure (mm of	Hg)	754.0	CPCB, Emission Regulation (Part III)	
03. Velocity of flue gas (m/sec)		7.42	CPCB, Emission Regulation (Part III)	
04. Quantity of gas flow (Nm3/hi	r.)	17535.96	CPCB, Emission Regulation (Part III)	
05. Concentration of Particulate	Matter (mg/ Nm ³)	23.89	IS:11255 (Part 1), 1985, Reaffirmed 2014	
06. Particulate Matter normalized	d at 12% CO ₂		Sec. 11 (Vol. 11.07) : 2017	
07. Concentration of SO2 (mg/ N	³)		IS:11255 (Part 2), 1985, Reaffirmed 2014	
08. Concentration of NO2 (mg/ N	√m ³)		IS:11255 (Part 3), 2008	
09. Concentration of O ₂ (% V/V))	18.6	IS:13270:1992, Reaffirmed 2014	
08. Concentration of CO ₂ (% V/	V)	2.2	IS:13270:1992, Reaffirmed 2014	
09. Concentration of CO (% V/V	')	< 0.2	IS:13270:1992, Reaffirmed 2014	
Pollution Control Device		: I	Bag Filter	
Permanent Ladder and Platfor	m	:)	les	
20.01.20			200 02	5
Reviewed by			(Sabyasachi Shyam Roy Chowdhury	50
(Sabyasachi Shyam Roy Chow	thury)		Quality Manager	1
Quality Manager	J/		Authorised Signatory	
Yuanty manager			For, GREEN VISION	

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TEST REPORT OF STACK GAS ANALYSIS [FORMAT NO. : GV/LAB/FM/33A] U.L.R. No. : TC1100323000000161F Sample is drawn by M/s. Greenvision Sample Ref. ID : AS-110-2023(2) Report No. : GV/AR/23-24/085 Report Date : 30.08.2023 : M/s. SPS Steels Rolling Mills Ltd.(Unit-I) Name of Customer Date of Sampling : 23.08.2023 Address of Customer : Dr. Zakir Hussain Avenue, Durgapur, Sample Received On Pin: 713206, Paschim Bardhaman. : 23.08.2023 Analysis Started On : 24.08.2023 Sample Description : Stack Air Analysis Completed On : 24.08.2023 Sampling Location : Induction Furnace Time of Sampling : 12:20 pm : In GMF Thimble Sample Condition : CPCB, Emission Regulation (Part III) Sampling Method : At Laboratory **Testing Location** A. GENERAL INFORMATION ABOUT STACK : Integrated Steel Plant (SMS) 01. Particulars of plant : 2 Nos. Induction Furnace 02. Stack connected to 03. Material of construction : M.S. : Circular 04. Shape of stack 05. Height of stack from G.L (mtr) 30.0 from roof level (mtr) from L.D.Z (mtr) 06. Height of sampling from G.L (mtr) : 18.0 : ----07. Internal stack diameter at sampling point (mtr) : 1.0 : Melting of Sponge, Pig Iron & Scrap 08. Emission due to (running) : ---09. Steam generation capacity: (rated) (rated) : 2 X 20 MT/Heat (running): 2 X 20 MT/Heat 10. Load of source: **B. FUEL CHARACTERISTIC REPORT** : Electricity 01. Type of fuel used 03.Ash content (% by Wt): ---04.Sulphur content (% by Wt): ---02. Calorific value (K-Cal/Kg): ---05. Rated fuel consumption :---: ----06. Working fuel consumption Test Method C. RESULTS OF GASEUS EMISSION SAMPLING 01. Flue gas temperature (^{0}C) CPCB, Emission Regulation (Part III) 67 754.0 CPCB, Emission Regulation (Part III) 02. Barometric pressure (mm of Hg) CPCB, Emission Regulation (Part III) 03. Velocity of flue gas (m/sec) 6.91 04. Quantity of gas flow (Nm3/hr.) 16330.68 CPCB, Emission Regulation (Part III) 05. Concentration of Particulate Matter (mg/ Nm3) 24.82 IS:11255 (Part 1), 1985, Reaffirmed 2014 06. Particulate Matter normalized at 12% CO2 Sec. 11 (Vol. 11.07): 2017 ---IS:11255 (Part 2), 1985, Reaffirmed 2014 07. Concentration of SO2 (mg/ Nm3) ---IS:11255 (Part 3), 2008 08. Concentration of NO2 (mg/ Nm3) ----IS:13270:1992, Reaffirmed 2014 09. Concentration of O2 (% V/V) 19.0 IS:13270:1992, Reaffirmed 2014 08. Concentration of CO2 (% V/V) 1.8 IS:13270:1992, Reaffirmed 2014 09. Concentration of CO (% V/V) < 0.2 **Pollution Control Device** : Bag Filter Permanent Ladder and Platform : Yes S. Ry Choush Reviewed by (Sabyasachi Shyam Roy Chowdhury

(Sabyasachi Shyam Roy Chowdhury) Quality Manager abyasachi Shyam (Roy Chowdhury) Quality Manager Authorised Signatory For, GREEN VISION

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THE DURGAPUR PROJECTS LTD.

(A Govt. of West Bengal Undertaking) Agreement for supply of Water for Industrial and Domestic Water Consumers

Articles of Agreement made this 28 th day of January two thousand AcNer Lean between THE DURGAPUR PROJECTS LIMITED, a company registered under the Companies Act having the Registered Office in the Administrative Building at Durgapur, Durgapur-1 (hereinafter referred to as the 'Supplier' which expressions shall unless excluded by or repugnant to the context be deemed to include its successor and assigns) of the One part and SPS Steels Rolling Millts Ard. Dn 2001 Hursan Ave (hereinafter referred to as the "CONSUMER" which expressions shall, unless excluded by or repugnant to the context, be deemed to include his heirs, executors, administrator legal representatives and permitted assigns) of the Other Part.

Witnesseth and it is hereby agreed by and between the parties as follows :

- The Supplier shall supply and the Consumer shall accept at his premises mentioned in the schedule hereto, on and from the date on which the said premises shall be connected to Supplier's distribution mains, a supply of Industrial and / or domestic water for the purpose and upto the maximum quantity specified in the said schedule subject to the terms and conditions hereafter contained, but the Supplier shall not be responsible for any discontinuance or interruption of supply of water during the specified hours of supply due to war, civil commotion, riot, strike, lock out, earthquake, tempest, lightning, flood, cyclone, force majeur or any cause beyond the control of the Supplier of due to any restrictions imposed by the Government or under any law for the time being in force.
- 2. The Consumer shall pay on demand to the Supplier the cost as may be determined by the Supplier of any distribution pipe line, meter and accessories which may be necessary to lay pipes in connection which water supply to the Consumer together with cost of ferrule. Tee & labour charges etc. which may be necessary to provide the water connection from the Supplier's distribution mains.

The whole of distribution pipe line irrespective of the fact whether the cost thereof or any part thereof has been paid for by the Consumer shall remain the property of and be maintained by the Supplier. Necessary service line from supplier's distribution main to the Consumer's premises shall be laid and maintainanced by the consumer at his cost.

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20 20 3

- 3. The consumer shall, on being required by the Supplier, deposit with the Supplier the sum of Rs. 2.71,000 (Rupees Thra. Lawh Seventy Thousand Only) only equivalent to the approximate charges for three month's water supply at the rates entered in this agreement for the maximum quantity of supply as declared by the Consumer as Security Deposit for the purpose hereinafter mentioned and shall on the requisition from time to time renew, replenish or increase such Security Deposit in the event of increase in the rates or in the Consumption, the amount of deposit being considered by the Supplier to be insufficient and incase of consumers default, the supplier may, after giving fifteen days' notice in writing to the Consumer, cut off and discontinue the supply until the required deposit is made up and the expenses incurred by the Supplier in cutting off and reconnecting the supply are paid by the Consumer.
- 4. In the event of the Consumer failling to have his installation connected with the Supplier's distribution mains within two months from the date of completion of the service line and supply made available as intimated to the Consumer in writing. The consumer shall pay to Supplier the charges for the guaranteed minimum supplier as specified in the schedule hereto from the beginning of the third month. In case of default, the Supplier shall be entitled to forfeit the amount of the Security Deposit with the Supplier mentioned in clause thereof and to dismantle the line after giving seven days' notice in writing to the Consumer of its intention to do so.
- 5. The price for the supply of water shall be charged to the consumer in accordance with the Supplier's schedule of rates in force from time to time and as mentioned in the schedule hereunder written for supply lines above 2 inch. diameter in the consumers' permises, the water supply shall be registered by a mater or meters in or upon consumers' premised,

-0

For SPS Steels Rolling Mills Ltd.

supplied, fixed maintained and kept in proper order by the consumer. The meters referred to above shall be properly sealed on behalf of both the parties hereto and shall not be interferred with by either party except in the presence of other party or its or his representative duly authorised in that behalf. All meters shall be and remain the property of and shall have to pay lump sum charges as per schedule of rates.

- 6. Except where the rates of water supply are on lump sum basis, the quantity of water consumed shall be ascertained monthly by taking the meterreadings jointly by the respective representative of the parties and the readings entered in the log book of each party with the initials of both the parties hereto or its or his representative, However, the reedings may be recorded by either party at shorter intervels solely for the purpose of keeping a check on the functioning of the meter under intimation to the other party. The reedings of the said meter entered in the log book shall be prima facie evidence of the quantity of water drawn by the consumer through such meters.
- 7. The daily supply shall be intermittent namely 2 / 3 times a day with duration as decided by the supplier, Supply of water will be at ground level of the consumer's premises arrangement for supply of water from the ground level of the consumer's premises to any higher level or to any other place within the sonsumer's premises shall be done by the consumers at their own cost and responsibility by making pumping or any other arrangement as required by the consumer.
- (i) The supplier shall furnish the Consumer with a Bill for the water supplied to him in each month as soon as possible after recording meter readings and as per Tariff charges included in the schedule hereto
 30 days

in the schedule hereto (ii) If the bills remain unpaid even after the expiry of Fock Five days from the date of the Bill, the Consumer shall be liable to pay interest at the rate of eight percent per annum on the Gross amount of the Bill for the number of days from the date of the Bill till the date of actual payment of the Bill, provided, however that in case the Bill is not paid within the aforesaid 4 days the supplier shall have the right to cut off the supply at any time thereafter. The supplier shall discontinue thesupply until the charges or othersums together with interest and expenses incurred by the Supplier in cutting off and reconnecting the supply are paid by the Consumer.

- 9. The rates of water charges mentioned in the schedule hereinto are the present rates. The supplier will have the right to modify or alter or revise at any time the rates as mentioned in the schedule due to variation in the cost of maintenance and operation chares of the Water Works System. Such modifiation shall be intimated by the Supplier to the Consumer in writing and the Consumer shall be liable to pay the Bills at the modified rate.
- 10. If either party is dissatisfied as to the correct registering of any meter on the Consumer premises, such party may, by written notice to the other require the said meter to be officially tested either by the Supplier or by the Manufacturer or by the Test, Hours of the Government of West Bengal / India at the Suppliers discretion.

If on such test the said meter is found to be correct, then the experses of the testing shall be born by the party who required the test and vice versa.

11. If at any time, the said meter shall cease to register correctly or shall at any time be removed for the purpose of repair or for any other reasons, then until the said meter shall be repaired or replaced so as to register correctly the quantity or water passing through them the supplier shall be entitled to charge and the consumer shall be liable to pay the charges on an daily average quantity of water which the consumer shall have paid or been liable to pay in respect of previous theree months of the same season under the terms of this agreement. This arrangement should operate for a period of not more than three months by which time the consumer must replace the meter. Should the meter be not replaced / repaired within the above mentioned period, then the supplier shall have the right to discontinue supply of water till the meter is repaired or replaced. The supplier may at his discretion continue to supply water at penal rates that is to say at double the existing rates for such period as deemed necessary by the supplier.

The Control Value Hose containing the meters shall remain under the custody of the consumer and the supplier through its representative duly authorised on that behalf shall at all times upon intimating the consumer be entitled to enter into the said Control House in espect of the meter.

For SPS Steels Rolling Mills Ltd.

12. (i) This agreement shall subject to the provision for earlier determination as herein before mentained be and remain in force for a period to five years initially from the date of first supply under this agreement and thereafter from year to year unless terminated by either party on expiry of fifth year or any subsequent year by giving one clear calender months notice to the other in writing of such intention.

(ii) Upon the determination of this Agreement from any cause whatsoever, all moneys deposited by the Consumer with Supplier under the terms of Clause (3) hereof or so much thereof as shall not have already been applied in satisfaction of its claim under this Agreement, shall be forth with applied in satisfaction, protanto, of any claim then outstanding and the same or balance thereof as the case may not be refundable to the Consumer until all the accounts between the supplier and the consumer have been finally settled and all balance if any due to the Supplier by the Consumer have been fully paid and discharged.

- 13. The Consumer hereby agrees to confirm to abide by all the Rules and Regulations of Supplier now in force and any subsequent modification or alteration thereof as if the same has been incorporated in this Agreement.
- 14. All disputes and difference between the parties hereto (except as to matters on which the decision has been expressly provided in this Agreement) arising out of or in connection with this Agreement shall be referred to the sole arbitration of the General Supdt. (Construction). The Durgapur Projects Ltd. or any other Officer as may be nominated by the Supplier. The award of such arbitrator shall be final conclusive and binding on the parties hereto and the provision of the Arbitration Act. 1940 (Act X of 1940) and / or any modification thereof for the time being in force shall apply.
- 15. This agreement and / or the benefits and obligations thereof shall not be transferable.
- 16. The cost of stamps and Registration Fee, if any required for this deed under any law for the time being in force shall be paid by the Consumer.

SCHEDULE OF RATES REFERRED TO ABOVE

 Description of the premises at which the supply is to be given (one drawing showing the point of supply and position of meter house should be enclosed with this agreement).

5.0000.

KL/

- Maximum quantity of water to be supplied to the Consume :
 - a) Domestic Water

b) Industrial process water

- 4) Address of the premises where supply will be given
- 5) Factory or Residential area of Factory-Cum-Residential area
- 6) Dia, of pipe line through which water supply is to be given
- 7) Whether metered supply or lump sum charges will be levied for the supply

For SPS Steels Rolling Mills Ltd.

8) Guaranteed minimum supply to be accepted by the Consumer-

a) Domestic Water

b) Industrial Process water

KL/day

..... KL/day

.

Director.

[4]

Rates in terms of Clause (5) for metered supply :

a) For Domestic Water

Rs. per KL

Factory / Hotel / Nonresi-

dential area / Factory

cum-residential/Residential cum/Commercial/industrial use

b) For Industrial Process water

..... per KL (coverent serve Rs. 20

Rs.

a common header)

Residential

use

10) Lump sum charges per month in terms of clause (5) for connection upto 2" dia.

- a) 1/2" dia, ferrule
- b) 3/4" dia, ferrule
- c) 1" dia, ferrule x 3 mes (Metered Through
- d) 2" dia

i) with 2 nos. 1" ferrule

ii) with one 2" dia Tee

5% rebate will be allowed if the Bills are paid within 30 days from the date of submission thereof.

Rs.

No rebate will however be allowed if the consumption in any period falls short of the guaranteed minimum IN WITNESS WHEREOF, There presents have been executed by or on behalf of the party hereunto the Day and Year first written.

The consumer unconditionally agrees to surrender this connection whenever the local authorities set up their own linguranterneture for water supply and are seady to provide water to the conducer to provide water to the condumer. Signed, Sealed and Delivered for on behalf of the

Signed, Sealed and Delivered for on benall of the Durgapur Projects Ltd. (Supplier)

A. MUKHERJEE Dy. General Managet Civil / WW & TS

Witness :

Senior Manager Water Works, D. P. Ltd. Signed, Sealed and Delivered for and 713202 Signed, Sealed and Delivered for and 713202

Director.

M/s. _ For SPS Steels Rolling Mills Ltd.

Witness : SPS Steels Rolling Mills Ltd

9933068248
100, WW/14M-1/210/Ed/18 0f 2000-2001 THE DURGAPUR PROJECTS LTD.

(A Govt. of West Bengal Undertaking) Agreement for supply of Water for Industrial and Domestie Water Consumers

Onginal

Witnesseth and it is hereby agreed by and between the parties as follows :--

1. The Supplier shall supply and the Consumer shall accept at his premises mentioned in the schedule hereto, on and from the date on which the said premises shall be connected to Supplier's distribution mains, a supply of Industrial and/or domestic water for the purpose and upto the maximum quantity specified in the said schedule subject to the terms and conditions hereafter contained, but the Supplier shall not be responsible for any discontinuance or interruption of supply of water during the specified hours of supply due to war, civil commotion, riot, strike, lock out, earthquake, tempest, lightning, flood, cyclone, force majeur or any cause beyond the control of the Supplier or due to any restrictions imposed by the Government or under any law for the time being in force.

2. The Consumer shall pay on demand to the Supplier the cost as may be determined by the Supplier of any distribution pipe line, meter and accessories which may be necessary to lay pipes in connection which water supply to the Consumer together with cost of ferrule. Tee & labour charges etc. which may be necessary to provide the water connection from the Supplier's distribution mains

The whole of distribution pipe line irrespective of the fact whether the cost thereof or any part thereof has been paid for by the Consumer shall remain the property of and be maintained by the Supplier Necessary service line from supplier's distribution main to the Consumer's premises shall be laid and maintainanced by the consumer at his cost

3 The consumer shall, on being required by the Supplier, deposit with the Supplier the the sum of Rs S. 50: CO. (Rupees. Eaglet. thousand Cight, hundred only equivalent to the approximate charges for one month's water supply at the rates intered in this agreement for the maximum quantity of supply as declared by the Consumer as Security Deposit for the purpose hereinafter mentioned and shall on the requisition from time to time renew, replenish or increase such Security Deposit in the event of increase in the rates or in the Consumption, the amount of deposit being considered by the Supplier to be insufficient and in case of Consumer's default, the Supplier may, after giving fifteen days' notice in writing to the Consumer, cut off and discontinue the supply until the required deposit is made up and the expenses incurred by the Supplier in cutting off and reconnecting the supply are paid by the Consumer.

4. In the event of the Consumer failing to have his installation connected with the Supplier's distribution mains within two months from the date of completion of the service line and supply made available as intimated to the Consumer in writing. The consumer shall pay to Supplier the charges for the guaranteed minimum supplier as specified in the schudule hereto from the beginning of the third month In case of defeult, the Supplier shall be entitled to forfeit the amount of the Security Deposit with the Supplier mentioned in clause 3hereof and to dismantle the line after giving seven days' notice in writing to the Consumer of its intention to do so.

5. The price for the supply of water shall be charged to the consumer in accordance with the Suppliers' schedule of rates in force from time to time and as mentioned in the schedule hereunder written

ELEGART COMMERCE LIMITED

utionis d Signatory

For supply lines above 2 inch diameter in the consumers' permises, the water supply shall be registered by a mater or maters in or upon consumers' premises, supplied, fixed maintained and kept in proper order by the consumer. The meters referred to above shall be properly sealed on behalf of both the parties hereto and shall not be interferred with by either party except in the presence of other party or its or his representative duly authorised in that behalf. All meters shall be and remain the property of and shall have to pay lump sum charges as per schedule of rates.

STORLOR HUMAN

6. Except where the rates of water supply are on lump sum basis, the quantity of water consumed shall be ascertained monthly by taking the meter readings jointly by the respective representative of the parties and the readings entered in the log book of each party with the initials of both the parties hereto or its or his representative. How ever, the readings may be recorded by either party at shorter intervels solely for the purpose of keeping a check on the functioning of the meter under intimation to the other party. The readings of the said meter entered in the log book shall be prima facie evidence of the quantity of water drawn by the consumer through such meters.

7. The daily supply shall be intermittent namely 2/3 times a day with duration as decided by the supplier, Supply of water will be at ground level of the consumer's premises Arrange ment for supply of water from the ground level of the consumer's premises to any higher level or to any other place within the consumer's premises shall be done by the consumers at rheir own cost and responsibility by making pumping or any other arrangement as required by the consumer.

8. (i) The supplier shall furnish the Consumer with a Bill for the water supplied to him in each month as soon as possible after recording meter readings and as par Tariff charges included in the schedule hereto.

ii) If the bills remain unpaid even after the expiry of Forty Five days from the date of the date of the Bill, the Consumer shall be liable to pay interest at the rate of eight percent per annum on the Gross amount of the Bill for the number of days from the date of the Bill till the date of actual payment of the Bill, provided, however that in case the Bill is not paid within the aforesaid 45 days the supplier shall have the right to cut off the supply at any time thereafter. The supplier shall discontinue the supply until the charges or other sums together with interest and expenses incurred by the Supplier in cutting off and reconnecting the supply are paid by the Consumer.

9. The rates of water charges mentioned in the schedule hereinto are the present rates. The supplier will have the right to modify or alter or revise at any time the rates as mentioned in the schedule due to variation in the cost of maintenance and oparation charges of the Water Works system. Such modification shall be intimated by the Supplier to the Consumer in writing and the Consumer shall be liable to pay the Bills at the modified rate.

10 If either party is dissatisfied as to the correct registering of any mater on the Consumer premises, such party may, by written notice to the other, require the said mater to be officially tested either by the Supplier or by the Manufacturer or by the Test, House of the Government of West Bengal/India at the Suppliers discretion.

If. on such test, the said mater is found to be correc', then the experses of the testing shall be born by the party who required the test and vice versa.

11. If at any time, the said meter shall cease to register correctly or shall a any time be removed for the purpese of repair or for any other reasons, then until the said meter shall be repaired or replaced so as to register correctly the quantity of water passing through them the supplier shall be entitled to charge and the consumer shall be liable to pay the charges on an daily average quantity of water which the consumer shall have paid or been liable to pay in respect of previous three months of the same season under the terms of this agreement. This arrangement should operate for a period of not more than three mouths by which time the consumer must replace the meter. Should the meter be not replaced/repaired within the above mentioned period, then the supplier shall have the right to discontinue supply of water till the meter is repaired or replaced. The supplier may at his discretion continue to supply water at penal rates that is to say at double the existing rates for such period as deemed necessary by the supplier.

ELEGANT COMMINCE LIMITED

Authors & Signatory

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The Control Value House containing the meters shall remain under the custody of the consumer and the supplier through its representative duly authorised on that behalf shall at all times upon intimating the consumer be entitled to enter into the said Control House in respect of the meter.

12. (i) This agreement shall subject to the provision for earlier determination as herein before mentained be and remain in force for a period to five years initially from the date of first supply under this agreement and thereafter from year to year unless terminated by either party on expiry of fifth year or any subsequent year by giving one clear calender months notice to the other in writing of such intention.

(ii) Upon the determination of this Agreement from any cause whatsoever, all moneys deposited by the Consumer with the Supplier under the terms of Clause (3) hereof or so much thereof as shall not have already been applied in satisfaction of its claim under this Agreement, shall be forth with applied in satisfaction, protanto, of any claim then outstanding and the same or balance thereof as the case may be shall not be refundable to the Consumer until all the accounts between the supplier and the consumer have been finally settled and all balance if any due to the Supplier by the Consumer have been fully paid and discharged.

13. The Consumer hereby agrees to confirm to abide by all the Rules and Regulations of Supplier now in force and any subsequent modification or alteration thereof. as if the same has been incorporated in this Agreement

14. All disputes and difference between the parties hereto (except as to matters on which the decision has been expressly provided in this Agreement) arising out of or in connection with this Agreement shall be referred to the sole arbitration of the General Supdt. (Construction). The Durgapur Project Ltd. or any other Officer as may be nominated by the Supplier. The award of such arbitrator shall be final conclusive and binding on the parties hereto and the provision of the Arbitration Act. 1940 (Act X of 1940) and/or any modification thereof for the time being in force shall apply.

15. This agreement and/or the benefits and obligations thereof shall not be transferable.

16. The cost of stamps and Registration Fee, if any, required for this deed under any law for the time being in force shall be paid by the Consumer.

SCHEDULE OF RATES REFERRED TO ABOVE

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STRAILS

1) Description of the premises at which the supply is to be given (one drawing showing the point of supply and position of meter house should be enclosed with this agreement)

2) Purpose for which supply is to be given

3) Maximum quantity of water to be supplied to the Consumer:- KL/ A3 fer 3" dia Water meter.

a) Domestic Water

b) Industrial Process Water ...

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4 4) Address of the premises where supply will be given to the man and many the second at 5) Factory or Residential area of Factory-Cum-Residential trea Dia, of pipe line through which water supply is to be given 6) Whether metered supply or lump sum charges will be levied for the supply -7) Guaranteed minimum supply to be acepted by the Consumer 8) KLiday a) Domestic Water Prot Gran Milaberte ... KL/day b) Industrial Process water 24 Second States to to TATE AND MALE STREET, STREET 9) Rates in terms of Clause (5) for metered supply : per KL a) For Domestic water and the second Rs..... per KL b) For Industrial Process water and a state spite that is not 10) Lump, sum charges per month in terms of clause (5) for connection upto 2" dia. Residential Factory/Hotel/Nonresiarists when to extendents or persent and use dential area[Factorythe state of the second un light and any spectrum of a scattering of cum-residential/Resi-Line War a Bargan Altract Provide dential cum/Commer-The state of the second second second second Do fotbeld by the first while second screet in the cial/Industrial use Rs. a) }" dia. ferrule poper 3'dia water meter. b) 2" dia, ferrule the second second second president c) 1" dia. ferrule I take good which the benefit carries I say d) 2" dia. i) with 2 nos. 1" ferrule ing the marked ii) with one 2" dia Tee 5% rebate will be allowed if the Bills are paid within 30 days from the date of submission thereof. No rebate will however be allowed if the consumption in any period falls short of the guranteed minimum IN WITNESS WHEREOF, There presents have been/executed by or on behalf of the party hercunto-HE DE CONTRACTOR DE CONTRACTOR the Day and Year first written. See on and of the address I show and a station of Signed, Scaled and BNINENCE ENGANGTHE half of the Durgapur Projects Ltd, (Supplier LTD) 200 main and thing of the second in one and and the discount of the specific price labels of the Witness 网络马马克斯卡马尔马马斯特尔马克卡马 The Dusgapus Project's Manited Signed. Sealed and Delivered for and on behalf of the a thing to middle bas the set to second and

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Water VI Territori and and the

ELEBANT DO MALPOE LIMITED 2000 Authorised Signatory

Witness

M/s.

Way and P. Paul

ANNEXURE-6

RAIN WATER HARVESTING POND



ANNEXURE-7

FORM-3

[See rules 4(5), 5(5), 8(6), 9(4), 10(8), 11(9), 13 (1) (xi), 13(2)(v), 13(3)(vii) and 13(4)(v)]

FORM FOR FILING ANNUAL RETURNS

[To be submitted by producer or manufacturer or refurbisher or dismantler or recycler by 30th day of June following the financial year to which that return relates].

1. Name and address of the manufacturer or refurbish recycler		producer or her or dismantler o	or	:	SPS STEI Dr. ZAKI ROAD, (I DURGAP DURGAP BARDHA	ELS ROL R HUSS NDO AM PUR, PO- PUR, DIS MAN (W	LING MILLS LTD. AIN AVENUE, G T IERICAN MORE), ABL SUB POST OFFICE T-PASCHIM VB)	
2. Name of the authorised p address with telephone an e-mail address		erson and comple nd fax numbers an	te id	 R K Mishra DGM Dr. ZAKIR HUSSAIN AVENUE, G T ROAD, (INDO AMERICAN MORE), DURGAPUR, PO-ABL SUB POST OFI DURGAPUR, DIST-PASCHIM BARDHAMAN (WB) 8695621900 - rk.mishra@shakambharigroup.in 		AIN AVENUE, G T IERICAN MORE), ABL SUB POST OFFICE T-PASCHIM VB)		
3. Total quantity of e-wast during the year for each by PRODUCERS		f e-waste for each c S	collected or chan category of electric	nelis cal a	ed nd	to recycler electronic	rs or dism equipme	antlers for processing nt listed in the Schedule I
Detail Fo	r	Туре		Quantity No.		No.		
BULK C Quantity	ONSUMERS: of e-waste	E-Wast	te	4.1	4.190 MT N/A		N/A	
4.	Name and full a	ddress of	the destination w	ith re	esp	ect to 3(A)	-3(D) ab	ove
Detail Fo	r		Name	Address				
RECYCLERS: Quantity of e- waste processed		of e-	J S Pigments Pvt. Ltd.		Vill & POJarura, P.SPolba, Delhi Road ,Hooghly -712138 (W.B.) Phone No.+913323202656			
5. Type and quantity of ma applicable to $3(A)$ - $3(D)$			terials segregated of	or re	cov	vered from	e-waste	of different codes as
Detail Fo	r		Туре				Quantity	7
BULK C Quantity	ONSUMERS: of e-waste		E-Waste				N/A	

Quantity in Metric Tonnes (MT)

Place:	

Date:_____

ANNEXURE-8





ANNEXURE-9





(A leading environmental research laboratory)

Recongnized by West Bengal Pollution Control Board Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216 Contact: 0343-2543019, 9732580459, 9433158173, email : greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com

TEST REPORT OF FUGITIVE AIR ANALYSIS

FORMAT NO. : GV/LAB/FM/33W

Sample is drawn by M/s	s. Greenvision	U.L.R. No. : TC1100	0323000000113F
Report No.	: GV/AR/23-24/062	Sample Ref. ID	: AS-130-2023(9)
Name of Customer	: M/s. SPS Steels Rolling Mills Ltd. (Unit-I)	Report Date	: 19.08.2023
Address of Customer	: Dr. Zakir Hussain Avenue, Durgapur, Pin : 713206, Paschim Bardhaman.	Date of Sampling Date of Receiving	: 04.08.2023
Sample Description	: Fugitive Air	Analysis Started On	: 05.08.2023
Sampling Location	: DRI Kiln Area (Sponge Division)	Analysis Completed On	: 05.08.2023
Sample Condition	: In GMF Filter Paper & Plastic Bottle	Time of Sampling	: 09:45 am to
Location of Testing	: At Laboratory		05:45 pm
Sampling Method	: CPCB, Emission Regulation (Part III)		

A. METROLOGICAL INFORMATION

Average Temperature (^oC) : 31.7 Barometric Pressure (mm of Hg): 754.0

B. RESULT OF ANALYSIS

SI. No.	Parameters	Unit	Concentration	Test Method
01.	Concentration of TSPM	µg/m ³	1157.44	IS : 5182 (Part 4),1999
02.	Concentration of SO ₂	µg/m ³	9.94	IS : 5182 (Part 2),2006
03.	Concentration of NO ₂	μg/m ³	40.06	IS : 5182 (Part 6),2006

Limit : (µg/m3) TSPM - 2000, SO₂ - 80, NO₂ - 80

Ref. : The Environment (Protection) Rules, 1986, Fourth Amendment, 2008 notified by G.S.R.414(E), dated 30.5.2008.

S. Roy Choust Reviewed by

(Sabyasachi Shyam Roy Chowdhury) **Quality Manager**

01 (Sabyasachi Shyam Roy Chowdhury) **Quality Manager Authorised Signatory** For, GREEN VISION

Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.

2. This certificate may not be reproduced in part or full without written permission of the management.

3. Retention period of tested sample (Filter Paper) is 6 months from the date of issue test report unless otherwise specified.

City Office : 84/10, Roy Bahadur Road, Behala, Kolkata-700 034, Ph. : 9433158173 Branch Office : Durgachak, Haldia, Purba Medinipur, Ph. : 8101647425 M.N. Sarkar Road, Mahananda Para, Siliguri-734001

TC-11003







(A leading environmental research laboratory) Recongnized by West Bengal Pollution Control Board

Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216 Contact : 0343-2543019, 9732580459, 9433158173, email :greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com

TEST REPORT OF FUGITIVE AIR ANALYSIS

FORMAT NO. : GV/LAB/FM/33W

Sample is drawn by M/	s. Greenvision	U.L.R. No. : TC1100)323000000114F
Report No.	: GV/AR/23-24/063	Sample Ref. ID	: AS-130-2023(10)
Name of Customer	: M/s. SPS Steels Rolling Mills Ltd. (Unit-I)	Report Date	: 19.08.2023
Address of Customer	: Dr. Zakir Hussain Avenue, Durgapur, Pin : 713206, Paschim Bardhaman.	Date of Sampling Date of Receiving	: 04.08.2023 : 04.08.2023
Sample Description	: Fugitive Air	Analysis Started On	: 05.08.2023
Sampling Location	: Near Product House (Sponge Division)	Analysis Completed On	: 05.08.2023
Sample Condition Location of Testing	: In GMF Filter Paper & Plastic Bottle : At Laboratory	Time of Sampling	: 10:05 am to 06:05 pm
Sampling Method	. CrCb, Linission Regulation (Part III)		

A. METROLOGICAL INFORMATION

Average Temperature (°C) : 31.7 Barometric Pressure (mm of Hg) : 754.0

B. RESULT OF ANALYSIS

SI. No.	Parameters	Unit	Concentration	Test Method
01.	Concentration of TSPM	μg/m ³	1380.56	IS : 5182 (Part 4),1999
02.	Concentration of SO ₂	μg/m ³	9.46	IS : 5182 (Part 2),2006
03.	Concentration of NO ₂	μg/m ³	39.72	IS : 5182 (Part 6),2006

Limit : (µg/m3) TSPM - 2000, SO₂ - 80, NO₂ - 80

Ref. : The Environment (Protection) Rules, 1986, Fourth Amendment, 2008 notified by G.S.R.414(E), dated 30.5.2008.

8. Rey Chourt Reviewed by

(Sabyasachi Shyam Roy Chowdhury) Quality Manager (Sabyasachi Shyam Roy Chowdhury) Quality Manager Authorised Signatory For, GREEN VISION

Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.

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TC-11003

111 P. No . TC11002220000001155

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Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216 Contact : 0343-2543019, 9732580459, 9433158173, email :greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com

TEST REPORT OF FUGITIVE AIR ANALYSIS FORMAT NO. : GV/LAB/FM/33W

Sample is drawn by M/s. Greenvision

Sample is urawin by wi	s. dreenvision	0.1.1. 10 101100	32300000113F
Report No.	: GV/AR/23-24/064	Sample Ref. ID	: AS-130-2023(11)
Name of Customer	: M/s. SPS Steels Rolling Mills Ltd. (Unit-I)	Report Date	: 19.08.2023
Address of Customer	: Dr. Zakir Hussain Avenue, Durgapur, Pin : 713206, Paschim Bardhaman.	Date of Sampling Date of Receiving	: 04.08.2023 : 04.08.2023
Sample Description	: Fugitive Air	Analysis Started On	: 05.08.2023
Sampling Location	: Rolling Mill Despatch Area	Analysis Completed On	: 05.08.2023
Sample Condition Location of Testing	: In GMF Filter Paper & Plastic Bottle : At Laboratory	Time of Sampling	: 10:20 am to 06:20 pm
Sampling Method	: CPCB, Emission Regulation (Part III)		

A. METROLOGICAL INFORMATION

Average Temperature (^oC) : 31.7 Barometric Pressure (mm of Hg) : 754.0

B. RESULT OF ANALYSIS

SI. No.	Parameters	Unit	Concentration	Test Method
01.	Concentration of TSPM	μg/m ³	765.87	IS : 5182 (Part 4),1999
02.	Concentration of SO ₂	µg/m ³	9.28	IS : 5182 (Part 2),2006
03.	Concentration of NO ₂	μg/m ³	39.48	IS : 5182 (Part 6),2006

Limit : (µg/m3) TSPM - 2000, SO₂ - 80, NO₂ - 80

Ref. : The Environment (Protection) Rules, 1986, Fourth Amendment, 2008 notified by G.S.R.414(E), dated 30.5.2008.

S. Roy abourt Reviewed by

(Sabyasachi Shyam Roy Chowdhury) Quality Manager (Sabyasachi Shyam Roy Chowdhury) Quality Manager Authorised Signatory For, GREEN VISION

Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.

2. This certificate may not be reproduced in part or full without written permission of the management.

3. Retention period of tested sample (Filter Paper) is 6 months from the date of issue test report unless otherwise specified.

City Office : 84/10,Roy Bahadur Road, Behala, Kolkata-700 034, Ph. : 9433158173 Branch Office : Durgachak, Haldia, Purba Medinipur, Ph. : 8101647425 M.N. Sarkar Road, Mahananda Para, Siliguri-734001







(A leading environmental research laboratory) Recongnized by West Bengal Pollution Control Board

Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216 Contact : 0343-2543019, 9732580459, 9433158173, email :greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com

TEST REPORT OF FUGITIVE AIR ANALYSIS

FORMAT NO. : GV/LAB/FM/33W

Sample is drawn by M/	s. Greenvision	U.L.R. No. : TC1100	0323000000116F
Report No.	: GV/AR/23-24/065	Sample Ref. ID	: AS-130-2023(12)
Name of Customer	: M/s. SPS Steels Rolling Mills Ltd. (Unit-I)	Report Date	: 19.08.2023
Address of Customer	: Dr. Zakir Hussain Avenue, Durgapur, Pin : 713206, Paschim Bardhaman.	Date of Sampling Date of Receiving	: 04.08.2023 : 04.08.2023
Sample Description	: Fugitive Air	Analysis Started On	: 05.08.2023
Sampling Location	: Induction Furnace Area	Analysis Completed On	: 05.08.2023
Sample Condition Location of Testing Sampling Method	: In GMF Filter Paper & Plastic Bottle : At Laboratory : CPCB, Emission Regulation (Part III)	Time of Sampling	: 10:45 am to 06:45 pm

A. METROLOGICAL INFORMATION

Average Temperature (^oC) : 31.7 Barometric Pressure (mm of Hg) : 754.0

B. RESULT OF ANALYSIS

SI. No.	Parameters	Unit	Concentration	Test Method
01.	Concentration of TSPM	μg/m ³	1128.26	IS : 5182 (Part 4),1999
02.	Concentration of SO ₂	μg/m ³	9.74	IS : 5182 (Part 2),2006
03.	Concentration of NO ₂	μg/m ³	39.62	IS : 5182 (Part 6),2006

Limit : (μ g/m3) TSPM - 2000, SO₂ - 80, NO₂ - 80

Ref. : The Environment (Protection) Rules, 1986, Fourth Amendment, 2008 notified by G.S.R.414(E), dated 30.5.2008.

about? 3.0 Reviewed by

(Sabyasachi Shyam Roy Chowdhury) Quality Manager (Sabyasachi Shyam Roy Chowdhury) Quality Manager Authorised Signatory For, GREEN VISION

Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.

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3. Retention period of tested sample (Filter Paper) is 6 months from the date of issue test report unless otherwise specified.

City Office : 84/10,Roy Bahadur Road, Behala, Kolkata-700 034, Ph. : 9433158173 Branch Office : Durgachak, Haldia, Purba Medinipur, Ph. : 8101647425 M.N. Sarkar Road, Mahananda Para, Siliguri-734001

ANNEXURE-10





(A leading environmental research laboratory)



Recongnized by West Bengal Pollution Control Board

Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216 Contact: 0343-2543019, 9732580459, 9433158173, email : greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com

TEST REPORT OF WATER ANALYSIS

FORMAT NO. : GV/LAB/FM/33W

Sample is drawn by M/	s. Greenvision		
Sample submitted and	identified by customer as : N.A.	U.L.R. No. : TC110	0323000000104F
Report No.	: GV/WW/23-24/084	Sample Ref. ID	: WS-076-2023
Name of Customer	: M/s. SPS Steels Rolling Mills Ltd. (Unit-I)	Report Date	: 19.08.2023
Address of Customer	: Dr. Zakir Hussain Avenue, Durgapur, Pin : 713206, Paschim Bardhaman	Date of Sampling	: 02.08.2023
Sample Description	: Waste Water	Date of Receiving	: 02.08.2023
Sampling Location	: Recycling Water Tank Outlet	Analysis Started on	: 03.08.2023
Sample Condition	: In Glass Bottle & Plastic Bottle	Analysis Completed on	: 07.08.2023
Type of Sample	: Industrial Waste Water	Time of Sampling	: 03:30 pm
Testing Location	: At Laboratory		

Sampling & Preservation Method : APHA 24th EDITION, 1060

PARAMETERS	TEST METHOD	UNIT	RESULTS	LIMITS
рН	APHA 24 th EDITION,4500-H+B		7.42	5.5 - 9.0
Total Suspended Solid(TSS)	APHA 24 th EDITION, 2540 D	mg/l	20.0	< 100.0
Chemical Oxygen Demand (COD)	APHA 24 th EDITION, 5220 B	mg/l	48.0	< 250.0
Biochemical Oxygen Demand (BOD)	IS:3025, P-44, 1993, Reaffirmed 2014	mg/l	7.12	< 30.0
Oil & Grease	APHA 24 th EDITION, 5520 A	mg/l	2.46	< 10.0

about Reviewed by (Sabyasachi Shyam Roy Chowdhury) **Quality Manager**

(Sabyasachi Shyam Roy Chowdhury) **Quality Manager** Authorised Signatory For, GREEN VISION

Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.

2. This certificate may not be reproduced in part or full without written permission of the management.

3. Retention period of tested sample is 1 month from the date of issue test report unless otherwise specified.

City Office : 84/10, Roy Bahadur Road, Behala, Kolkata-700 034, Ph. : 9433158173 Branch Office : Durgachak, Haldia, Purba Medinipur, Ph. : 8101647425 M.N. Sarkar Road, Mahananda Para, Siliguri-734001

ANNEXURE-11A

NOC NO172005

SPEED POST

WEST BENGAL POLLUTION CONTROL BOARD

Paribesh Bhawan 10A, Block – LA, Sector III, Bidhannagar Kolkata - 700 106



Memo No. 488-2N-63/2021(E)

Dated 16.09.2022

From : Member Secretary, West Bengal Pollution Control Board

- To: The Director, M/s. SPS Steels Rolling Mills Limited, Diamond Prestige, 41A, A.J.C. Bose Road, 7th Floor, #701, Kolkata - 700 017, West Bengal, Sub: Consent to Establish (NOC) from Environmental Point of View
- Ref: iYour letter No. ...Mil Dated 09.09.2022 ii) Environmental Clearance issued vide EC Identification No.EC22A 008WB110390, F.No.J-11011/156/2020-IA.IL(I) dtd.01.09.2022

Dear Sirs,

expansion

In response to the application for Consent to Establish (NOC) for proposed which M/s SPS Steels Rolling Mills Limited within their existing steel plant (66,000 TPA spong iron plant and 4,56,000 TPA rolling mill) - Steel melting Shop (1,08,000 xisrumandaturing/sterge/resided) 3,50,000 TPA) alongwith installation of captive power plant of 10MW (5 MW

3,50,000TPA) elongwith installation of captive power plant of 10MW(5 MW WHRE & 5 MW AFBC) at Dr. Zakir Hussalon Avenue, C.T.Road(Indo America & More), Durgapur, Tensil - Faridpur Durgapur, Dist.-Paschim Bardhaman,

west Bengal. * this is to inform you that this Board hereby grants the Consent to Establish (NOC) from the environmental point of the above subject to the following conditions and special conditions annexed.

* Detailed proposal of the expansion and modification is given in

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

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

NOC NO172005

7. You shall comply with

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

SPECIAL CONDITION :

The total capital cost of the project excluding the total capital cost for environmental pollution control measures is Rs.128.0Crore (Rupees One Hundred and Twenty Eight crores.)

please refer to Annexure - 3.

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

488 -2N-63/2021(E) Id. 16.09.2022

Memo Na Copy forwarded for information to :

11

- Chief Inspector of Factories, Government of West Bengal, N. S. Building, Kolkata-700 001 Director of Industries/Director of Cottage & Small Scale Industries, Government of West Bengal, N. S.
- 2 Building. Kolkata-700 001
- Guard file, West Bengal Pollution Control Board. 3.

Environmental Engineer, MI/Alipur R.O./Howrah R.O./Hooghly R.O./B.R.O./D.R.O./Haldia R.O./S.R.O./

Asamsol/ Sub-R.O./W/BPC Board Himalawa Bihawam Delhii Road, Damkumii Dist. Hooghly

Paribesh Bhawam

Kolkata - 700 098

Salt Lake City,

10A, LA-Block, Sector-III

AL

Vill, Panpur Kalyani Expressway P.O. Narayanpur Dist. 24 Pgs. (N)

Block-05 at 40 Flats Complex Adjacent to Priyambada Dist.-Darjeeling Housing Estate P.O.: Khanjanchak, P.S. Durgachak Haldia-721602 Dist. : Purba Medinipur

Satiya Chowdhury Indioor Stadium Balunchar Bandh Road Malda-732101

Asansol Sub-Regional Office ADDA Commercial Market (2nd Floor) Opposite Asansol Fire Station G.T. Road, Asamsol-713 301

Sahid Khudiram Sarani City Centre, Durgapur-16 Dist. Burdwan

Paribahan Nagar Matigara, Siliguri

10, Camac Street

Kolkata-700 017

2nd Floor



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

Dated_ W. B. Pollution Control Board

Yours faithfully. Mutrillegizen Member Secretary, / Chief Enginee West Bengal Pollution Control Board (EIM CELL

Chief Engineer

Annexure – 1 to the NOC No. NO172005

Name of the Units	Existing Production Capacity as per Consent to Operate (CTO)				Additional Production CTE applie 01-09-2022	Capacity & for which d as EC dtd	Total Production after expansion	Remarks
	Ins	stalled	Producti	on (in ton)	Conscitu	Production		
	Ca	pacity	Annually	Monthly	Capacity	(TPA)		
Sponge Iron Plant (DRI)	2X 1X	40 + 100 TPD	66,000	5500	2x100 TPD*	0	66,000 TPA	No change in production capacity
	*TI	ne compar al capacit	ny will pha y of Sponge	se out existing e Iron Plant wil	2x40 TPD DF I remain unch	RI Kilns and wi anged.	ll install 1x100	TPD DRI Kiln. The
SMS (M.S. Billets)		1,08,000	9000	5X20 Ton IF with 02 casters and 01 LRF	5X20 Ton IF with 02 casters and 01 LRF		Expansion to meet Rolling Mill requirement through hot charging bypassing existing reheating furnace.	
	* E	xisting 2x ²	15 Ton IF w	ith Caster will I	pe dismantled	after propose	ed expansion	
Rolling Mill	1	300 TPD	4 56 000	20000	No.c	hanga	4,56,000	No change
products)	11	1000 TPD	4,30,000	38000		nange		No change
	I	18 TPH	-	-	To be disn expansion	nantled after	-	To be dismantled
Reheating	11	18 TPH	-	-	To be dism expansion	nantled after	-	To be dismantled
Furnace#	ш	18 TPH	-	-	No Change		1 x 18 TPH	No change
	#N dis	ote: Both mantled a	Rolling Mi nd only on	lls will be hot e Reheating Fu	charged afte Irnace will be	r expansion. T kept as backu	wo Reheating p to feed cold b	Furnaces shall be billets.
Captive Power Plant (Power)			NIL		10 MW (5 MW WH AFBC)	RB + 5 MW	10 MW (5 MW WHRB + 5 MW AFBC)	New Installation for backward integration

Mut Eloginan

Chief Engineer (EIM Cell) West Bengal Pollution Control Board Chief Engineer W. B. Pollution Control Board Dept. of Environment, Govt. of W.B.

Annexure 2 to NOC No. NO172005

AIR POLLUTION CONTROL DEVICE DETA	ILS WITH STACK
--	----------------

SI. No.	Name of the Unit	Configuration	Capacity	Product	APC Details	Stack from G.L.	
Α	DRI DIVISION			al an			
1		1 x 100 TPD (existing)	66,000	Sama har	ESP (1 x 10 TPH WHRB will be installed)	1 no. 30m (the stack height shall be raised as per the CPCB norms before operation)	
1.	DRI	1 x 100 TPD (2 x 40 TPD existing will be phased out)	ТРА	sponge iron	ESP (1 x 10 TPH WHRB shall be commonly installed with existing 2 x 40 TPD DRI Kiln till its phasing out and installation of 1 x 100 TPD DRI Kiln)	1 no. 30m (the stack height shall be raised as per the CPCB norms before operation)	
		1 no. (with 1 x 100 TPD)	-	-			
2.	Cooler Discharge	1 no. (with 1 x 100 TPD after phasing out 2 x 40 TPD)	100 TPD - - Will be Connected with ABC of each Kiln ut 2 x 40 - -				
3.	Product House	1 no.	-		Bag Filter	1 no. 30m	
4.	Iron Ore Circuit	1 no.	-		Bag Filter	1 no. 30m	
5.	Coal Circuit	1 no.	And Transfer	1 M.C.	Bag Filter	1 no. 30m	
6.	Intermediate Bin	1 no.	- 1	-	Bag Filter	1 no. 30m	

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

В	POWER PLANT DIV	ISION				ER BARAN
1.	Captive Power Plant	5 MW WHRB + 5 MW AFBC	10MW	Electricity	ESP attached with AFBC Boiler 1x20TPH [ESP attached with individual 2x10 TPH WHRB (1 x 10 TPH with existing 1 x 100 TPD DRI Kiln and 1 x 10 TPH with existing 2 x 40 TPD DRI Kiln till its phasing out and installation of 1 x 100 TPD DRI Kiln)]	1 no. 50m for AFBC
C.	SMS DIVISION			16. N. F. 6. 74 S.		THE SECTION AND
1.	Induction Furnace	5x20 Ton and 01 LRF	3,50,000	MS Billets	Bag Filter attached with 2x20Ton Induction Furnace and 1x20 Ton LRF with common stack	1 no. 30m
2.		with 02 Caster			Bag Filter attached with 3x20Ton Induction with common stack	1 no. 30m

Mark Gleghow

Chief Engineer (EIM Cell) West Bengal Pollution Control Board

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

Annexure 3 to NOC SI. No. - NO172005

Special Conditions issued for the proposed expansion of Steel Melting Shop (1,08,000 to 3,50,000 TPA) along with installation of Captive Power Plant of 10 MW (5 MW WHRB + 5 MW AFBC) within the existing Steel Plant (66,000 TPA Sponge Iron Plant & 4,56,000 TPA Rolling Mill) at Dr. Zakir Hussain Avenue, G.T. Road, (Indo American More), Durgapur, Tehsil Faridpur, Durgapur, Dist – Paschim Bardhaman, West Bengal **by M/s. SPS Steels Rolling Mills Limited. (Expansion project)**

Specific Conditions :-

- 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.
- 2) Performance test shall be conducted on all pollution control systems every year.
- 3) Following additional arrangements to control fugitive dust shall be provided:
 - a. Fog/ Mist Sprinklers at all conveyors point and 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.
- 4) Project proponent shall ensure to close 2 RH furnaces and go for 100 % hot charging. For emergency one RH would be retained to run on LDO or CBM as available in Durgapur. Coal shall not be used as fuel in the reheating furnace.
- 5) All conditions of CEPI including 40% green belt development and 1.5 times CER shall be complied with as per the mitigation measures submitted as mentioned in the EC.
- Particulate matter emission from stacks shall be less than 30 mg/Nm3.
- 7) The total water requirement of 1385 KLD shall be met from Durgapur Projects Ltd. (DPL).
- 8) No ground water abstraction is permitted.
- 9) The company shall also undertake rain water harvesting measures as per the plan submitted and reduce water dependence from the outside source.
- 10) Left Bank Main Canal, Damodar River, Barjora Nadi, Kunur Nadi, Panagarh Branch Canal, Damodar Branch Canal exists within the study area of 10 km from the project site. The water bodies shall not be disturbed. 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.
- 11) Air cooled condensers shall be used in the Power plant.
- 12) A proper action plan must be implemented to dispose of the electronic waste generated in the industry.
- 13) Three tier Green Belt shall be developed in a time frame of one year with native species all along the periphery of the project site of adequate width and tree density shall not be less than 2500 per ha. Survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years. Plantation in gaps in the green belt shall be done by the PP during the present monsoon period and maintenance of @2500 plants/ha shall be done in the following years. Additional plantation shall be made in the East Direction from plant site to minimise the effect on Durgapur Protected Forest. Greenbelt/Plantation outside the project premises such as avenue plantation in vacant areas and social forestry shall also be done through socio economic developmental activities.
- 14) Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.

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

Annexure 3 to NOC SI. No. - NO172005

Special Conditions issued for the proposed expansion of Steel Melting Shop (1,08,000 to 3,50,000 TPA) along with installation of Captive Power Plant of 10 MW (5 MW WHRB + 5 MW AFBC) within the existing Steel Plant (66,000 TPA Sponge Iron Plant & 4,56,000 TPA Rolling Mill) at Dr. Zakir Hussain Avenue, G.T. Road, (Indo American More), Durgapur, Tehsil Faridpur, Durgapur, Dist – Paschim Bardhaman, West Bengal **by M/s. SPS Steels Rolling Mills Limited. (Expansion project)**

areas, ball mills, furnace charging areas through personal/area monitoring; and to be compared and it should be within 2 mg/m', respirable dust fraction containing less than 5% quartz as per Indian Factories Act, 1948.

- 16) The proposed project shall be designed as "Zero Liquid Discharge" Plant. There shall be no discharge of effluent from the plant. Domestic waste water will be treated in STP and treated water shall be re-used for greenbelt development and plantation and dust suppress1on.
- 17) CEMS shall be provided on all process stacks and the signal shall be received in plant control room for central control of APCDs installed in the plant.
- 18) All internal road and connecting road from project site to main highway shall be developed and maintained with suitable Million Axle Standard (MSA) as per the traffic load due to existing and proposed project.
- 19) Internal roads of plant premises shall be concreted and maintained in good condition.
- 20) Industrial vacuum cleaners shall be used regularly to clean roads to reduce fugitive em1ss1ons.
- 21) All stockyards shall be having impervious flooring and shall be equipped with water spray system for dust suppression. Stock yards shall also have garland drains to trap the run off material.
- 22) All the commitments made to the public during the Public Hearing/Public Consultation shall be satisfactorily implemented.
- 23) 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 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.
- 24) 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.

Emission :-

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

Effluent :-

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

Annexure 3 to NOC Sl. No. - NO172005

Special Conditions issued for the proposed expansion of Steel Melting Shop (1,08,000 to 3,50,000 TPA) along with installation of Captive Power Plant of 10 MW (5 MW WHRB + 5 MW AFBC) within the existing Steel Plant (66,000 TPA Sponge Iron Plant & 4,56,000 TPA Rolling Mill) at Dr. Zakir Hussain Avenue, G.T. Road, (Indo American More), Durgapur, Tehsil Faridpur, Durgapur, Dist – Paschim Bardhaman, West Bengal **by M/s. SPS Steels Rolling Mills Limited. (Expansion project)**

Effluent :-

- 1) Process 'Zero discharge' to be implemented. To be treated in ETP. Treated effluent to be recycled.
- 2) Cooling water to be recycled after settling.
- Domestic to be treated in STP and reused totally.

Solid Waste : -

- 1) Slag Induction Furnace slag to be used for road making and land filling.
- 2) Bag Filter dust to be reused in different processes.
- 3) Char to be used for generating power in AFBC/CFBC boiler.
- 4) Fly ash to be given to cement manufacturing/brick making units.
- 5) Hazardous Waste to be collected and disposed off as per the Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016.

General :-

- 1) Noise Control Ambient noise level not to exceed the permissible limit.
- 2) No additional machineries / equipment can be installed without prior permission from the State Board.
- No change in raw materials, products and production capacity should be made without prior permission from the State Board.
- 4) Plant layout should be as per EIA Report/DPR submitted during EC process.
- 5) Proper lighting and proper pathway inside the factory premises should be constructed.
- 6) Adequate measures to be adopted for control of fugitive emission.
- 7) The unit should not start operation without obtaining 'Consent to Operate' from the State Board after complete installation of pollution control devices.
- 8) No construction is permitted on the land parcels, not under the possession of the industry.
- 9) Rain water harvesting must be done, however recharging of harvested rain water is not allowed under any circumstances.
- 10) All Terms and Conditions laid down in the Environmental Clearances obtained for the project from MoEF &CC, GoI vide EC Identification No. EC22A008WB110390 File no. J-11011/156/2020-IA-II(I) dated 01.09.2022 must be strictly followed.
- 11) Good house-keeping to be maintained.
- 12) This NOC is valid up to 30.09.2029 for setting up the project.

Mut 6109/201

Chief Engineer (EIM Cell) West Bengal Pollution Control Board

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

ANNEXURE-11B

WEST BENGAL POLLUTION CONTROL BOARD

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



Consent Letter Number : CO 132099

2803-7/WPBD-cont (398)/2K. Memo Number :

Date: 29 09 2023.

Consent to Operate

under

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

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

MS. SPS steels	s Rolling Mills Ltd	RENCAL	
Diamond Prestige, 4	1A, A. T. C. Bose Roas	A 7th More (Address of Regd. office/Head/Office/City Offi	ice)
Kolkota - 700 01-7	plicant) for its unit located at]	Dr. Zakin Hussain Avenue, DMC word-21	5,
P.O ABL Sub Post	Office, P.S New Tou	unship, Paschim Bardhamm-713206.	
		(Detailed address of the manufacturing u	nit)
for a period from	01/10/2023	to 30/9/2028	iiit)

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

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

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



ANNEXURE

Consent to	Ms.	SPS	Steels	Rolling	Mills 1td.
for its unit at .	Dr. S	takir	Hussain	Avenue	, DMC ward-26, P.O ABL Sub-Post office.
	P.S,-	New 7	ownship,	Paschen	n Bardhaman-713206.

Conditions:

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

Sl. No.	Name of major products and by-products	Quantity manufactured per month
01	Sponge Ison	66,000 TPA (max.)
02	Long products (TMT rods, etc.) 4,56,000 TPA (max.)
03	MS Billets	3,50,000 TPA (max.)
04		
05	WEST BE	INGAL
06		
07		
08		
09		
10		
11		
12		

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

03.	Daily discharge of industrial liquid effluent shall not exceed	NII	KL.
04.	Daily discharge of domestic liquid effluent shall not exceed		
05.	Daily discharge of mixed (industrial & domestic) liquid effluent shall not exceed	Nol	KL.
06	The duality of the state of Done had been had been a	1 dall	

- 06. The Applicant shall discharge liquid effluent to _____DMC draw so apple to place of discharge) through ______ nos. outlets / outfalls.
- 07. To bring into any altered or new outlet/outfall or to change the place of discharge, the Applicant shall have to inform the Board and obtain prior permission of the Board in this effect.
- 08. The *Applicant* shall provide comprehensive facility for treatment of industrial liquid waste and domestic liquid waste (sewage, sullage and liquid effluent generated from canteen), and operate and maintain the same continuously so that the quality of final effluent conforms to the *Standard* as given in Table-I in page 03.

(Member Secretary/Chief Engr./ Sr. Env. Engr. / Env. Engr. / Asst. Env. Engr.) Environmental EngineerEngr.) Durgapur Regional Office Durgapur Regional Office West Bengal Pollution Continued Board

Consent to M/3. SPS Steels Rolling Mills 14. for its unit at Dr. Zakir Husson Avenue, DMC wasd-26, P.O. - ABL Sub-Post ire P.S.- New Township, Paschin Bardhaman-713206.

Table-I

Outlet No.	Nature of effluent	Parameters	Standard	Frequency of effluent sampling
01	Domestik	pH	Between: 5.5-9.0	
		Total Suspended Solids	Not to exceed : 100 mg/1.	Tana and a state of the
· · · · · ·		Biochemical Oxygen Demand (3day at 27°C)	Not to exceed : 30 mg/1.	1
		Chemical Oxygen Demand	Not to exceed : 250 mg/1.	
1.1.1.1.1.1.1		Oil & Grease	Not to exceed : 10 mg/1.	
	Industr	al liquit est went of any kind is	not permitted to be	
	discharge	doutside. Instead, it is to be	reused after proper	
1	tocatmer	t,	0, 0, 4	
		WEST BEN	IGAL	
1123				

09. and Control of Pollution) Cess Act, 1977 and Rules made thereunder and the Applicant shall comply with the provisions of the said Act and Rules made thereunder.

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

•	Industrial cooling, spraying in mine pits and boiler feed water (Water used for gardening should be included in this category	\rightarrow		KL
•	Domestic purpose	→		
•	Processing whereby water gets polluted and the pollutants are easily biodegradable	→	Nil	KL
•	Processing whereby water gets polluted and the pollutants are not easily biodegradable	→	Nil	KL

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

> (Member Secretary/Chief Engr./ Sr. Env. Engr. / Env. Engr. / Env. Engr.) Environmental Office Durgapur Regional Offi Durgapur Regional Tol Board West Bengal Pollution Continued

Consent to	Mls.	SPS	Steels k	Colling 1	Mills 1	41.			
for its unit at	Dr.	Zakir	Husselm	Avenue	DMC	ward-26	5, P.O, - ABL	Sub. Post Office,	
	P.5,-	New J	ownship,	. Pascher	n Bard	naman-713	3206.	ų	

(4)

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

Stack No.	Stack height from	Stack attached to (sources and control system.	attached Volume Velocity Concentrations of parameters not to exceed Nm ³ /hr. of gas emission					Frequency of emission sampling	
	G.I., (in mts.)	if any):	WE:	5 m/sec	SPM (mg/Nm ³)	CO (%v/v)	SO2 (mg/Nm3)	NOx (mg/Nm ³)	
S-I	30	Rotary Kilm (10 EAPCD-ESP)	o TPD)		100 (at 12/202) ¹	. —		Questerly
S-2	30	Rotany Kilns- [APCD-ESP]	2nos, (4071	Deach	100 (at 12/200	0.1	_	-	-do-
S-3	30	Cooler Diser (APCD - Bagg	arge (1007 [iter]	PD)	50		-		-do-
S-4	30	Cooler Discha [APCD- Bagji	rge-2nos, ter]	(40TPD each)	50	7	7	-	-do-
S-5	30	Product Hous	e		50	-	-		-do-
S-6	30	I-bin			50	-	-	-	-do-
S-7	30	Induction Fu TAPLD-Bag/1	rnace-2m	os. (20MT) each)	30	1		-	-do-
S-8	30	Induction fu [APCD - Bag	mace-3n liter]	os. (20 mil cach)	30	-	-	-	-do-
S-9	32	Re-heating fu	rnace (187 LDO/LSHS	PH, CBM/ - fined)	150	1	300	1000	Half yearly
S-10 5-11	8	D 6 set (400 K DG set (380	VA) KVA)		150 150	1	1 2 1		Once the 5 year -do-

(As per the Order dated 18/4/2017 of the Hon'ble NGT, EZ Bench, no 'black' DG set is permitted to be used. The mit shall dismantle all black' Key DG sets existing within its premises (Member Secretary/Chief Engr./Sr. Env. Engr. / Env. Engr. / Env. Engr. / Environmenter and shall submit a compliance report within 03 months from here of.) Durgapur Regional O West Bengal PoliContinued

Table-II

Consent to M/s. SPS Steels Rolling Mills Ltd. for its unit at Dr. Zakir Hussown Avenue, DMC word-26, P.O.-ABL Sub-Post Office, P.S.- New Township, Paschim Bardhaman. 713206.

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

15.	The Applicant shall	observe the	following fue	el consumption	pattern :-
-----	---------------------	-------------	---------------	----------------	------------

Sl. No	Type of fuel	Quantity consumed per day	Fuel burning operation where the fuel is used
01	CBM	-465 while metres/month	Re-heating turnace
02	LDO/LSHS		-do - (in the form of alternative fue
03	HSD	- 0:3 KL/month	Standby DG sets (400 KWA& 380 KVA)
04			
05		-	

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

Type of waste	Quantity	Treatment			Disposal
Endeuts & Mill scales	-1450 MT/month	 		- 5	to be rensed in house.
MS scraps		 an an a			-do-
Slag	-4550 MT/ wonth	 and the second second		-17	to be used/givenout for landfille
Delochar		 	-		to be given to units with AFBC/CFBC,

Time	Limit in dB(A) L _{eq}			
Day Time (06 a.m. to 09 p.m.)	65			
Night Time (109 p.m. to 06 a.m.)	55			

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

(Member Secretary/Chief Engr./ Sr. Env. Engr. / Env. Engr. / Asst. Enveringr.) Environmental Engineer.) Durgapur Regional Office Durgapur Regional Office West Bangal Pollution Consent to M/s. SPS Steels Rolling Mille Ltd.

for its unit at Dr. Zakir Hussain Avenue, DMC ward -26, P.O. - ABL Sub-Post Office, P.S. - New Township, Paschim Bardhaman-713206.

- 24. The Applicant shall maintain a separate register showing consumption of chemicals used in pollution control systems.
- 25. The Applicant shall get the samples of hazardous wastes/leachates analysed at least once in from the laboratory recognised of the West Bengal Pollution Control Board and ensure that they conform to the limits stipulated. Test reports shall be sent to the Board.
- 26. The Applicant shall provide adequate and safe facility for collection of air, waste water and solid waste samples by the State Board's staff as well as State Board's authorised agencies.
- The Applicant shall submit to the State Board by the 30th September of every year the Environmental Statement 27. Report for the financial year ending 31st March of the current year in the prescribed form (Form -V) as required under the provisions of rule 14 of the Environment (Protection) [Second Amendment] rules, 1992.
- 28. The Applicant shall allow the Officers of the State Board to enter into the applicant's premises at any reasonable time to inspect the pollution control systems as well as monitoring and measuring devices in connection with prevention & control of pollution.
- 29. The Applicant shall maintain an Inspection Book in the factory premises which shall be made available to Officers & employees of the State Board for inspection, review and to write down any direction or observation as is deemed necessary during the inspection from time to time.
- The Application shall furnish to the State Board all information in respect of quality, quantity, rate of discharge, 30. place of discharge of liquid effluent and air emissions.
- 31. The Applicant shall maintain adequate number of qualified and trained personnel among his staff for proper maintenance and operation of the effluent treatment and / or emission control devices and for overall environment management of the industry.
- 32. The Applicant shall have to make registration for the use of groundwater if any, with Central Ground Water Authority.
- 33. The Applicant shall intimate to the State Board immediately of any occurrence or apprehension of occurrence of discharge of any poisonous, noxious or pollutants in excess of quality as well as quality as mentioned earlier to any receiving water body/receiving system or to atmosphere owing to accident or other unforeseen incident/event including natural disaster. The Applicant Shall (i) take all steps adequate to prevent such accident discharge/release of poisonous, noxious or pollutants and to limit their consequences to persons and the environment, (ii) provide to the persons working on the site with the information, training and equipment including antidotes necessary to ensure their safety and mitigate the accidental release of poisonous noxious or pollutants to the environment.
- 34. The Applicant shall make an application to the State Board in the prescribed form for renewal of the consent at least 60 (sixty) days before the date of expiry of this Consent.
- 35. The Applicant shall not make any alternation/modification/expansion in the existing manufacturing process and equipment as well as the pollution control system without prior approval of the Board.
- The Applicant shall comply with the conditions as laid down in the Manufacture, Storage and Import of hazardous 36. Chemicals Rules, 1989 and Hazardous Wastes (Management & Handling) Rules, 1989.

Additional Conditions

 (i) Hazardous wastes like used oil discarded oil filters & oil-contaminated cloth/jute Key
 shall be disposed as per the provisions of Hazardous of Other wastes (manage went of Trans bound any movement) Rules, 2016 & as amenade and the must shall operate with Engr. / Env. / Env. / Engr. / Env. / Env. / Engr. / Env. / ental Engineer st. Env. Engr.) ffi Pollution Contro

ANNEXURE-12




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Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216 Contact : 0343-2543019, 9732580459, 9433158173, email :greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com

TEST REPORT OF WATER ANALYSIS

FORMAT NO. : GV/LAB/FM/33W

		U.L.R. No. : TC1100323000000105F			
Sample is drawn by	:	Vikas Ram, Sr. Technician of M/s. Greenvision			
Report No.	:	GV/GW/23-24/074	Laboratory Ref. No.	:	GS-035-2023
Issued To	:	M/s. SPS Steels Rolling Mills Ltd. (Unit-I)	Report Date	:	19.08.2023
Address	:	Dr. Zakir Hussain Avenue, Durgapur, Pin : 713206, Paschim Bardhaman.	Date of Sampling Sample Received on	::	02.08.2023 02.08.2023
Sample Condition	:	In Glass Bottle & Plastic Bottle	Analysis Started on	:	03.08.2023
Sample Description	:	Ground Water	Analysis Completed on Time of Sampling	:	10.08.2023
Sampling Method	:	APHA 24 th EDITION, 1060			00.00 pm
Location	:	Hand Pump of Khovrasole Village			

SI.				<u>As Per IS:10500:2012</u>		Method Followed
No.	Parameters	Unit	Result	Acceptable Limit	Permissible limit in the absence of alternate source	[APHA 24 th EDITION]
1.	pH (at 25°C)	-	7.02	6.5 to 8.5	No Relaxation	4500-H ⁺ B
2	Colour	Hazen	1.0	5.0	15.0	2120 B
3.	Odour	-	Agreeable	Agreeable	Agreeable	2150 B
4.	Taste	-	Agreeable	Agreeable	Agreeable	2160 A
5.	Turbidity	N.T.U.	0.82	1	5	2130 B
6.	Conductivity	µS/cm	330.0	-	-	2510 B
7.	Total Dissolved Solid (TDS)	mg/L	238.0	500	2000	2540 C
8.	Total Hardness as CaCO ₃	mg/L	84.0	200	600	2340 C
9.	Chloride as Cl	mg/L	19.64	250	1000	4500CI B
10.	Total Alkalinity as CaCO ₃	mg/L	80.0	200	600	2320 B
11.	Sulfate as SO ₄	mg/L	19.98	200	400	4500 SO4 ²⁻ E
12.	Nitrate as NO3	mg/L	2.8	45.0	No Relaxation	4500 NO3
13.	Fluoride as F	mg/L	BDL	1	1.5	4500 FD
14.	Calcium as Ca	mg/L	24.16	75	200	3500- Ca B

Page : 1/2







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15.	Magnesium as Mg	mg/L	8.42	30	100	3500- Mg B
16.	Iron as Fe	mg/L	0.11	0.3	No Relaxation	3500-Fe B
17.	Residual Free Chlorine	mg/L	Nil	0.2	1.0	4500-CI B
18.	Aluminium as Al	mg/L	BDL	0.03	0.2	3500-AI B
19.	Total Chromium as Cr	mg/L	BDL	0.05	No Relaxation	. 3500-Cr C
20.	Copper as Cu	mg/L	BDL	0.05	1.5	3500-Cu B
21.	Lead as Pb	mg/L	BDL	0.01	No Relaxation	3500-Pb B
22.	Cyanide as Cn	mg/L	BDL	0.05	No Relaxation	4500-CN C
23.	Nickel as Ni	mg/L	BDL	0.02	No Relaxation	3500-Ni
24.	Cadmium as Cd	mg/L	BDL	0.003	No Relaxation	3500-Cd
25.	Arsenic as As	mg/L	BDL	0.01	0.05	3500-As B
26.	Zinc as Zn	mg/L	BDL	5.0	15.0	3500-Zn B
27.	Mercury as Hg	mg/L	BDL	0.001	No Relaxation	3500-Hg
28.	Total Coliform / 100ml.	MPN/100ml	Absent	Absent	Absent	9221 B
29.	E. Coli / 100ml	MPN/100ml	Absent	Absent	Absent	9221 F

BDL stands for Below Detectable Limit

Reviewed by (Sabyasachi Shyam Roy Chowd

(Sabyasachi Shyam Roy Chowdhury) Quality Manager

RoyCh (Sabyasachi Shyam Rey Chowdhu **Quality Manager Authorised Signatory** For, GREEN VISION

Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.

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3. Retention period of tested sample is 1 month from the date of issue test report unless otherwise specified.

Page : 2/2

ANNEXURE-13A







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TEST REPORT OF NOISE LEVEL MONITORING

	TORMAT NO GV/LAB/FIVI/33N		
Sample is drawn by	: M/s. Greenvision	U.L.R. No. : TC11	00323000000109F
Report No.	: GV/NL/23-24/021	Sample Ref. ID	: NLM-041-2023(1)
Name of Customer	: M/s. SPS Steels Rolling Mills Ltd. (Unit-I)	Report Date	: 19.08.2023
Address of Customer	: Dr. Zakir Hussain Avenue, Durgapur, Pin : 713206, Paschim Bardhaman	Date of Sampling	: 02.08.2023 to
Sample Description	: Noise Level	Total Time	: 1 Hr.
Sampling Location	: Roof of Administrative Building	Sampling Method	: IS : 9989 :1981
Noise Level Limit	: Day Time : 75 dB(A), Night Time : 70 dB(A) { Source : The Noise Pollution (Regulation and Control) Rules, 2000}		
Monitoring Details	: Distance from Object : 3.0 Mtr.		
Category of Area	: Industrial Area		

Noise Level dB (A)							
Day Time (06:00Hrs to 22:00 Hrs.) Night Time (22:00 Hrs. to 06:00 Hrs.)							
Max.	Min.	Leq.	Max.	Min.	Leq.		
66.4	58.8	63.8	57.3	50.6	54.4		

S. Roy Choud Reviewed by

(Sabyasachi Shyam Roy Chowdhury) Quality Manager (Sabyasachi Shyam Roy Chowdhury) Quality Manager Authorised Signatory For, GREEN VISION

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TEST REPORT OF NOISE LEVEL MONITORING

FORMAT NO. : GV/LAB/FM/33N

Sample is drawn by	: M/s. Greenvision	U.L.R. No. : TC110	0323000000110F
Report No.	: GV/NL/23-24/022	Sample Ref. ID	: NLM-041-2023(2)
Name of Customer	: M/s. SPS Steels Rolling Mills Ltd. (Unit-I)	Report Date	: 19.08.2023
Address of Customer	: Dr. Zakir Hussain Avenue, Durgapur, Pin : 713206, Paschim Bardhaman.	Date of Sampling	: 02.08.2023 to 03.08.2023
Sample Description	: Noise Level	Total Time	: 1 Hr.
Sampling Location	: Near Security Check Post	Sampling Method	: IS : 9989 :1981
Noise Level Limit	: Day Time : 75 dB(A), Night Time : 70 dB(A) { Source : The Noise Pollution (Regulation and Control) Rules, 2000}		
Monitoring Details	: Distance from Object : 3.0 Mtr. Height from the Ground : 1.5 Mtr.	1.2	
Category of Area	: Industrial Area		

Noise Level dB (A)							
Day Time (06:00Hrs to 22:00 Hrs.) Night Time (22:00 Hrs. to 06:00 Hrs.)							
Max.	Min.	Leq.	Max.	Min.	Leq.		
68.4	61.6	66.2	59.0	52.5	56.2		

Rychoud Reviewed by

(Sabyasachi Shyam Roy Chowdhury) Quality Manager (Sabyasachi Shyam Roy Chowdhury) Quality Manager

Authorised Signatory For, GREEN VISION

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Sample is drawn by

: M/s. Gree





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Contact: 0343-2543019, 9732580459, 9433158173, email : greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com

TEST REPORT OF NOISE LEVEL MONITORING

FURIMAT NO GV/LA	D/ FIVI/ 331N
envision	U.L.R. No. : TC1100323000000116F

Report No.	: GV/NL/23-24/023	Sample Ref. ID	: NLM-041-2023(3)
Name of Customer	: M/s. SPS Steels Rolling Mills Ltd. (Unit-I)	Report Date	: 19.08.2023
Address of Customer	: Dr. Zakir Hussain Avenue, Durgapur, Pin : 713206, Paschim Bardhaman.	Date of Sampling	: 03.08.2023 to 04.08.2023
Sample Description	: Noise Level	Total Time	: 1 Hr.
Sampling Location	: Rear End of the Plant	Sampling Method	: IS : 9989 :1981
Noise Level Limit	: Day Time : 75 dB(A), Night Time : 70 dB(A) { Source : The Noise Pollution (Regulation and Control) Rules, 2000}		•
Monitoring Details	: Distance from Object : 3.0 Mtr. Height from the Ground : 1.5 Mtr.		
Category of Area	: Industrial Area		

Noise Level dB (A)							
Day Time (06:00Hrs to 22:00 Hrs.) Night Time (22:00 Hrs. to 06:00 Hrs.)							
Max.	Min.	Leq.	Max.	Min.	Leq.		
65.7	59.5	63.8	57.3	50.2	54.0		

Chou Reviewed(b)

(Sabyasachi Shyam Roy Chowdhury) Quality Manager (Sabyasachi Shyam Roy Chowdhury) Quality Manager Authorised Signatory For, GREEN VISION

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TEST REPORT OF NOISE LEVEL MONITORING

Sample is drawn by	: M/s. Greenvision	U.L.R. No. : TC110	00323000000117F
Report No.	: GV/NL/23-24/024	Sample Ref. ID	: NLM-041-2023(4)
Name of Customer	: M/s. SPS Steels Rolling Mills Ltd. (Unit-I)	Report Date	: 19.08.2023
Address of Customer	: Dr. Zakir Hussain Avenue, Durgapur, Pin : 713206, Paschim Bardhaman.	Date of Sampling	: 03.08.2023 to 04.08.2023
Sample Description	: Noise Level	Total Time	: 1 Hr.
Sampling Location	: Khoyrasole Village	Sampling Method	: IS : 9989 :1981
Noise Level Limit	: Day Time : 55 dB(A), Night Time : 45 dB(A) { Source : The Noise Pollution (Regulation and Control) Rules, 2000}		
Monitoring Details	: Distance from Object : 3.0 Mtr. Height from the Ground : 1.5 Mtr.		
Category of Area	: Residential Area		

Noise Level dB (A)							
Day Time (06:00Hrs to 22:00 Hrs.) Night Time (22:00 Hrs. to 06:00 Hrs.)							
Max.	Min.	Leq.	Max.	Min.	Leq.		
53.6	48.4	51.8	46.0	40.2	43.6		

Chou

Rèviewed by (Sabyasachi Shyam Roy Chowdhury) Quality Manager (Sabyasachi Shyam Roy Chowdhury) Quality-Manager Authorised Signatory For, GREEN VISION

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ANNEXURE-13B





TC-11003

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Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216

Contact : 0343-2543019, 9732580459, 9433158173, email : greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com

TEST REPORT OF NOISE LEVEL MONITORING

		1/ 5514	
Sample is drawn by	: M/s. Greenvision	U.L.R. No. : T	C1100323000000122F
Report No.	: GV/NL/23-24/025	Sample Ref. ID	: NLM-041-2023(5)
Name of Customer	: M/s. SPS Steels Rolling Mills Ltd. (Unit-I)	Report Date	: 19.08.2023
Address of Customer	: Dr. Zakir Hussain Avenue, Durgapur, Pin : 713206, Paschim Bardhaman.	Date of Sampling	:04.08.2023
Sample Description	: Noise Level	Total Time	: 1 Hr.
Location	: DRI Kiln Area (Sponge Division)	Starting Time	: 11:35 am
Noise Level Limit	: 90 dB(A) [8 Hrs. Exposure] { Source : W.B. Factories Act, 1948}	Sampling Method	: IS : 9989 :1981
Monitoring Details	: Distance from Object : 3.0 Mtr. Height from the Ground : 1.5 Mtr.		
Category of Area	: Industrial Area		

	Noise Level dB (A)		
	L _{min}	L _{max}	L _{eq}
-	78.8	83.6	82.3

S. Roy Chow Reviewed by

(Sabyasachi Shyam Roy Chowdhury) Quality Manager

(Sabyasachi Shyam Roy Chowdhury)

Quality Manager Authorised Signatory For, GREEN VISION

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Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216 Contact : 0343-2543019, 9732580459, 9433158173, email :greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com

TEST REPORT OF NOISE LEVEL MONITORING

6 I · I I I			C11002220000001225
Sample is drawn by	: M/s. Greenvision	U.L.R. NO. : I	C1100323000000123F
Report No.	: GV/NL/23-24/026	Sample Ref. ID	: NLM-041-2023(6)
Name of Customer	: M/s. SPS Steels Rolling Mills Ltd. (Unit-I)	Report Date	: 19.08.2023
Address of Customer	: Dr. Zakir Hussain Avenue, Durgapur, Pin : 713206, Paschim Bardhaman.	Date of Sampling	:04.08.2023
Sample Description	: Noise Level	Total Time	: 1 Hr.
Location	: Near Product House (Sponge Division)	Starting Time	: 12:50 pm
Noise Level Limit	: 90 dB(A) [8 Hrs. Exposure] { Source : W.B. Factories Act, 1948}	Sampling Method	: IS : 9989 :1981
Monitoring Details	: Distance from Object : 3.0 Mtr. Height from the Ground : 1.5 Mtr.		
Category of Area	: Industrial Area		

Noise Level dB (A)		
L _{max}	L _{eq}	
81.2	79.6	
	Noise Level dB (A) L _{max} 81.2	

S Ret Chow Reviewed by

(Sabyasachi Shyam Roy Chowdhury) Quality Manager (Sabyasachi Shyam Roy Chow Chury)

Quality Manager Authorised Signatory For, GREEN VISION

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TEST REPORT OF NOISE LEVEL MONITORING

FORMAT NO. : GV/LAB/FM/33N

Sample is drawn by	: M/s. Greenvision	U.L.R. No. : TC1100323000000125		
Report No.	: GV/NL/23-24/028	Sample Ref. ID	: NLM-041-2023(8)	
Name of Customer	: M/s. SPS Steels Rolling Mills Ltd. (Unit-I)	Report Date	: 19.08.2023	
Address of Customer	: Dr. Zakir Hussain Avenue, Durgapur, Pin : 713206. Paschim Bardhaman.	Date of Sampling	: 04.08.2023	
Sample Description	: Noise Level	Total Time	: 1 Hr.	
Location	: Induction Furnace Area	Starting Time	: 03:45 pm	
Noise Level Limit	: 90 dB(A) [8 Hrs. Exposure] { Source : W.B. Factories Act, 1948}	Sampling Method	: IS : 9989 :1981	
Monitoring Details	: Distance from Object : 3.0 Mtr. Height from the Ground : 1.5 Mtr.			
Category of Area	: Industrial Area			

Noise Level dB (A)		
L _{min}	L _{max}	L _{eq}
78.7	83.9	82.5

Reviewed by U (Sabyasachi Shyam Roy Chowdhury) Quality Manager (Sabyasachi Shyam Roy Chowdhury) Quality Manager Authorised Signatory For, GREEN VISION

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ANNEXURE-14



SPS STEELS ROLLING MILLS LTD

Nasser Hussain Avenue, Durgapur, District –Paschim Bardhaman, West Bengal-713206

RISK & DISASTER MANAGEMENT PLAN

PLANT LOCATION:

Nasir Hussain Avenue, PO- Bidhannagar, PS-Coke Oven, District-Paschim Bardhaman,West Bengal, Pin - 713212.



M/s SPS Steels Rolling Mills Limited Nasser Hussain Avenue, Durgapur, District – Paschim Bardhaman, West Bengal-713212

Risk and Disaster Management Plan

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7	Onsite Emergency Plan 7	
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Nasser Hussain Avenue, Durgapur, District –Paschim Bardhaman, West Bengal-713212

Risk and Disaster Management Plan

Introduction:

The project site of M/s SPS Steels Rolling Mills Limited (SPS) is located at Nasir Hussain Avenue, PO- Bidhannagar, PS-Coke Oven, District-Paschim Bardhaman (W.B.)–713212 having Latitude: 23°30'12.00"N & Longitude: 87°20'30.00"E.

Project site of SPS is well connected by road and rail. The nearest railway station is Durgapur Railway Station which about 2.2 km 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 is one of the leading manufacturers of a fullrange of steel products in India. Shakambhari group has completed the process of acquisition and taken over control of SPS Steels Rolling Mills — the makers of 'Elegant Steel and INA/ISMB/ISMC after receiving approval from the Kolkata bench of National Company Law Tribunal (NCLT). The NCLT gave its final nod for takeover on 8th April 2019 and the process was completed on 11th April 2019. 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

• 5000 TPM Structural Rolling Mill

Further following facilities are to be implemented in due course of time under proposed expansion plan:



Organizational Structure:





Nasser Hussain Avenue, Durgapur, District – Paschim Bardhaman, West Bengal-713212

Risk and Disaster Management Plan

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.	А	06:00-14:00 Hrs	22
2.	В	14:00-22:00 Hrs	22
3.	С	22:00-06:00 Hrs	22
4.	G	09:00-18:00 Hrs	24
		(Lunch Break: 13:00-14:00 Hrs	24
		Total	90

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,
Fire Hazard	Transfer of hot billets from Reheating Furnace
Heat radiation due to hot billet handling	Spillage of hot steel
Accidents due to failure of Material Handling(lifting & carrying)Equipment	Connected with all Material Handling Equipments through ranes

PROCESS DESCRIPTION (in brief):

The process of structural rolling mill can be divided into the following three steps:

- 1. Billets are tested as per standard specifications and are reheated in a furnace to the desired temperature.
- 2. Hot gas generated from the Reheating Furnace is passed through recuperators and then discharged through the stack.
- 3. The material discharged from the furnace is then fed to the mill stands with the help of a roller conveyer table shifter, tilting table & sliding table and then rolled under controlled conditions to the desired profile.



Nasser Hussain Avenue, Durgapur, District – Paschim Bardhaman, West Bengal-713212

Risk and Disaster Management Plan

4. The passes at the Finishing Mill ensures close dimensional control and the finished material is moved to the run-out roller table where ends are cut by hot saw and air cooled.

Process flow diagram is attached as follows in the next page:



Process flow diagram of Structural Rolling Mill



Nasser Hussain Avenue, Durgapur, District –Paschim Bardhaman, West Bengal-713212.

Risk and Disaster Management Plan

Maximum storage of capacity of raw materials

Sl.	Operating	Raw Materials	Max. Storage Capacity
No.	Unit		(Metric Tons/Month)
3.	Rolling Mill	MS Billet	5000

INVENTORY OF HAZARDOUS SUBSTANCES:

The inventory of Hazardous materials is mentioned below:

Sl No.	Name Of Hazardous Substances	Maximum Storage Capacity
1	HSD for need based operation DG Set & Reheating Furnace (Above Ground, fenced as per norms of explosive Authority)	1 x 2.5 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.



Nasser Hussain Avenue, Durgapur, District –Paschim Bardhaman, West Bengal-713212.

Page 8

Risk and Disaster Management Plan

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:

SHAKAMBHARI GROUP

M/s SPS Steels Rolling Mills Limited

Nasser Hussain Avenue, Durgapur, District –Paschim Bardhaman, West Bengal-713212. Page | **9**

Risk and Disaster Management Plan

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".
CBM gas leakage	Rolling Mill Division (RMD)	CBM gas being supplied by Essar Oil and Gas Exploration and Production Ltd. to our premises through pipeline. Gas supply line is equipped with safety valve and measuring devices. Fire Extinguishers are provided to control any fire incident. Caution board is provided to prevent unauthorized access. Regular monitoring being done by the supplying agency & also by SPS technical people.
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	RMD	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	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. Flash point of CBM gas is 33°C. Tank fire spreads vertically taking a



Nasser Hussain Avenue, Durgapur, District –Paschim Bardhaman, West Bengal-713212.

Risk and Disaster Management Plan

conical shape due to rush of air from all directions, whereas CBM gas fire spread vertically at leakage point as a flare.

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 leakage of CBM gas 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 RMD 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.



Nasser Hussain Avenue, Durgapur, District –Paschim Bardhaman, West Bengal-713212.

Risk and Disaster Management Plan

- 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.



Nasser Hussain Avenue, Durgapur, District –Paschim Bardhaman, West Bengal-713212.

Risk and Disaster Management Plan

> 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.



Nasser Hussain Avenue, Durgapur, District –Paschim Bardhaman, West Bengal-713212.

Risk and Disaster Management Plan

- 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 City Centre (Durgapur).
- Send communications to Govt. Hospital and ESIC at Durgapur 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.

STEP NO	INITIATOR	ACTION TO TAKE
1.	The person	• Inform the Security Gate and concerned Shift-in —charge
	noticing the	immediately. Shift-in-charge will inform immediately to Combat
	emergency	Team Leader of concerned area.
2.		• Inform Site Incident Controller (SIC) and rush to spot and
		organize his team.
	Combat team	• Take charge of the situation, arrange for firefighting and
	Leader (CTL)	medical first-aid available at site.
		• To start combating, shut-down equipment's, arrest the leakage
		of gas/fire.

Action Plan for Risk and Disaster Management



5.

M/s SPS Steels Rolling Mills Limited

Nasser Hussain Avenue, Durgapur, District –Paschim Bardhaman, West Bengal-713212.

Risk and Disaster Man

lisk and Disaster Management Plan	
• Inform works Main Controller (WMC) and rush to emer	gency
site.	

- Discuss with Combat Team Leader (CTL), assesses the situation and call the Rescue Team Leader (RTL) & Auxiliary Team Leade (ATL).
- Site Incident 3. • Organize the Rescue Team and Auxiliary Team and send the Controller (SIC) 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. • 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. Works main • Advise Auxiliary Team Leader to inform the statutory 4. Controller(WMC 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.
 - 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. Rescue Team
 - Arrange to set off the fire by firefighting equipments and Leader (RTL) 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.
 - On being directed by works main Controller (WMC) informs about the emergency to statutory authorities. Auxiliary Team • Seek help of Mutual Aid partners and Coordinate with Mutual
- 6. (ATL) Aid partners to render their services. • Arrange to inform the relatives of casualties.
- Take care of visit of the authorities to the Emergency site. Each of the team members should follow the instruction of 7. Team members concerned team leader to mitigate the emergency.



Nasser Hussain Avenue, Durgapur, District –Paschim Bardhaman, West Bengal-713212. Page | **15**

Risk and Disaster Management Plan

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.



Nasser Hussain Avenue, Durgapur, District –Paschim Bardhaman, West Bengal-713212.

Risk and Disaster Management Plan

- 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 Rolling Mills Division

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.



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Risk and Disaster Management Plan

- 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. Fire pumps will be 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, Sub Divisional Govt. hospital at Bidhannagar, Durgapur 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:

Rolling Mills, Administrative building and Security Office.

SHAKAMBHARI GROUP

M/s SPS Steels Rolling Mills Limited

Nasser Hussain Avenue, Durgapur, District –Paschim Bardhaman, West Bengal-713212.

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Risk and Disaster Management Plan

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.



Nasser Hussain Avenue, Durgapur, District –Paschim Bardhaman, West Bengal-713212.

Risk and Disaster Management Plan

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.





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Nasser Hussain Avenue, Durgapur, District –Paschim Bardhaman, West Bengal-713212.

Risk and Disaster Management Plan

TELEPHONE NUMBERS OF EMERGENCY COMMAND TEAM

Sl	Name	Position in Team	Mob. Number	FAX.
No.				No.
1	Mr. Vikrant Ranjan	Works Main Controller (WMC)	8695607246	4011
2	Mr. Rajesh Agarwal	Works Incident Controller (WIC)	8367850001	4029
3	Mr. Santosh Bhagat	Site Incident Controller (SIC)	9735138249	-
4	Mr. Vijay Kumar Singh		7602099539	4021
5	Mr. Y. N. Rao		7596072601	4025
6	Mr. M. Chattopadhaya	Auxiliary Team Leader (ATL)	8367850085	4014
7	Mr. R. K. Mishra		8695621900	
8	Mr. Ranajoy Khasnobis		7596072612	4014
9	Mr. A. K. Pandey		7001370534	4016
10	Mr. Ananta Singh		8373055366	4012
11	Mr. Rishi Kumar Sharma	Combat Team Leader (CTL)	7596072620	
12	Mr. Rajesh Kumar Mishra		7585926732	
13	Mr. SumonSil		7596072621	4031
14	Mr. DipanjanChaki		8101928756	
15	Mr. Siddhartha Nandy		7596072608	4020
16	Mr. AmlanDatta	Rescue Team Leader (RTL)	7596072643	
17	Mr. Dilip Singh		7596072637	4041
18	Mr. Abhishek Sharma		7605085454	
19	Mr. Tapas Kumar Adak		7699477916	

EMERGENCY CONTACT NUMBERS:

Sl No.	Name	Mob. Number	FAX No.
1	Main Gate Security Office # 02	7596072639	4040
2	Main Gate Security Office # 03	7596072640	4019
3	Security In-charge	7596072637	4041
3	Medical Unit (O H C)	7605085458	4035
4	Ambulance	7596072630	
4	Safety officer	7596072643	
5	Essar Oil & Gas (EOGEPL)	8768079777	
6	Fire Service Station(City Centre)	0343-546061	
7	Sub-Divisional Hospital	8900567962	
8	E.S.I. Hospital	8207008088	
9	Police Station (NTPS)	0343-2502242	

ANNEXURE-15

Health Check-up camp photos












Health Check-up Reports

FORMS/RECORDS SAFETY (EHS) HEALTH CARD OF EMPLOYEE SHAKAMBHARI GROUP	FORMS/RECORDS SAFETY (EHS) SAFETY (EHS) HEALTH CARD OF EMPLOYEE INDIA'S TRO.TOST BAR
Registration No. HCU 20 2023. Date: 02 08-23.	Registration No. Hcu/24/2023 Date: _02/00/23
Name J Jendra Kymer Father/Husband Block fluck Shooney	Name Unesh yadar (124) Father/Husband Kombhanan Art
Department RMT Re 38 Sex M Blood Group B+Ve	Department <u>RMD</u> Age <u>44</u> Sex <u>M</u> Blood Gloup <u>M2</u>
Relevant Personal History Northing	Relevant Personal History Notice 9
Relevant Family History No Wing	Relevant Family History
Preexisting Disease(if any) ND	Preexisting Disease(n any) Physical Examination
Height C/A Weight 64 Vay, B/P 120 98 Weight,	Height 5'6" Weight 72 Kg B/P 120/80 mm kg
Clinical Examination-	Clinical Examination
Anaemia N Jaundice ~ Oedema ~	Abdomen N·A·D
Abdomen NA-D -	Respiratory System N.A.D
Respiratory SystemN	Cardio Vascular System N.A.D
Cardio Vasculai System NA-D	Central Nervous System N: A: D
Vision:	Vision Near Vision Net Distance Vision 6/6 (25) Colour Vision Normal
Near Vision N/6_ Distance Vision 6/6(BE Colour Vision NOR	Investigation
Investigation: ⁴	Blood: TO Q200 DC N/C2 1/20 5/5 M/2 ESR 05 Hb% 14.094
TC 10700. DC M65430 E) SESR 06-Hb% 12.39	$\begin{bmatrix} \frac{4}{300} & DC \\ \frac{1}{100} & \frac{1}{200} & \frac{1}{200}$
X-Ray Chest NAD!	Audiometry N: A. D
Audiometry NA->,	Pulmonary Function Test N/ A D
Pulmonary Function Test	Any Other FCG - WNL
Any Other ELG- WNE	Further Advice(if any)
Checked by Chief Medical Officer Dr. N. C. BHATTACHARJEE M885.DHI (CAL) CHIEF BED/CAL TOP/TOT P 5 THE EDIA TOP/TOT P 5 THE EDIA TOP/TOT P 5 THE EDIA TOP/TOT P 5 THE EDIA TOP/TOT	Chief MedicaLofficor Dr. N. C. BHATTACHARJEE M. C. BHATTACHARJEE CHIEF MEMORY BOSTELS ROUND MILLS TR. (A Unit of Shakambhan Group)
FORMS/RECORDS SAFETY (EHS) SAFETY (EHS) HEALTH CARD OF EMPLOYEE STELL ROLLS ITO INDIA'S NO. 1957 BAR Registration No. HOU 50/2023 Date: 02/02/23 Name Brailert Manyods (57) Control Statement RM: D Age 50 Sex M Blood Group B+ve	FORMS/RECORDS SAFETY (EHS) FORMS/RECORDS SAFETY (EHS) HEALTH CARD OF EMPLOYEE SHAKAMBHARI GROUP Registration No. Heu/ 42/2.023 Name Maglar At Sari(SLS) Father/Husband Yrd Afaul Hag Department DRT Age 52 Sex M Blood Group Dic Residence Relevant Personal History
Relevant Family History Nothay	Relevant Family History No thig
Preexisting Disease(if any) Nothing	Bhysical Brancischie
Height 5'5 Physical Examination Weight 65 Kg B/P 120/ fo moder	Height 5'2 Weight 52kg B/P_//0/70 hand
Anaemia NIL Jaundice NIL Ocdema NIL	Anaemia NIL Jaundice NIL Oedema NIL
Abdomen	Abdomen
Respiratory System	Respiratory System
Cardio Vascular System	Cardio Vascular System Y AD
Central Nervous System	Central Nervous System
Near Vision N/6 Distance Vision 4/6 &F Colour Vision 4/6	Near Vision N/6 Distance Vision 6/98F Colour Vision Non
Investigation	Investigation
Blood: TC 6700 DC N/SO L/10 FLO SE IN THE LAND	Blood: TC 5,800 DCN/22 L/20 E/5 M/3 FOR OR: 1 HOU 11.70
X-Ray Chest N' A.D	X-Ray Chest Arohhad
Audiometry N, A.D	AudiometryNork_l
Pulmonary Function Test N. A.D	Pulmonary Function Test_Nohbal
Any Other ECG - WN.L	Any Other ECQ Normal
Further Advice(if any)	Further Advice(if any)
Checked by	Checked by
chief Medical Officer	Dr. RiverBylandtrac Balide
DI. N. C. BHAT I ACHARJEE MBBS. DH (CAL) CHIEF MEDICAL OFFICER	MORS, DIFICAL CHIEF MEDICAL OFFICER
SPS STEELS ROLLING MILLS ITD. (A Unit of Shakambhari Groun)	(A Unit of Statement Group)

FORMS/RECORDS SAFETY (EHS) HEALTH CARD OF EMPLOYEE	SHAKAMBHARI GROUP
Registration No. <u>HCU/45/2023</u> Name <u>Mukest Yalave</u> Editather/Husband Group Ote Repartment <u>JMS</u> Age <u>31</u> Sex <u>M</u> Blood Group Ote Relevant Personal History	Registration No. HCU/32/2023 Name_MD Anio-ao Alicanteed ather/Husband Md. MHashim alic Department_SMSAge_50_Sex_MBlood Group $A^{T}ve_{-}$
Relevant Family History Relevant Family	Relevant Family History NO Multiple Relevant Family History NO Multiple
Height $5/3$ Height $5/2$ B/P $120/70$ $here here 120/70 here here here 120/70 here here here 120/70 here here here 120/70 here here here here 120/70 here here here here here here here her$	Height <u>5</u> Height
AbdomenOedema	Anaemia NIL Jaundice NIL Ocdema NIL Abdomen
Cardio Vascular System Central Nervous System	Cardio Vascular System Central Nervous System
Near Vision N/6 Distance Vision B/6 Colour Vision Normal Blood: TC 13, 900 DC N/45, L/35, E/15, N/5 ESR 5 20 L Hb% 14:5 gn X-Ray Chest NOrmal	Vision Vision N/B Distance Vision 6/12_6F Colour Vision Normal Investigation Blood: TC_7,300 DC_N/60,L/28,F/10,H/2 ESR_1544 Hb% 10.69~ X-Ray ChestNormal
Audiometry Normal Pulmonary Function Test Normal Any Other $f \in C_L$ -Normal Further Advised Function Function for the second	Audiometry Normal Pulmonary Function Test Normal Any Other $\mathcal{ECG} \stackrel{\leftarrow}{\leftarrow} Normal$
Checked by Cher Medical Office Dr. N. C. BHAFTACHARJEE MIDS. DHI (CAL) CHIEF MEDICAL OFFICER SPS STEELS ROLLING MILLS LTD. (A lini of Shakambhari Group)	Checked by Chita to the An Otto Har JEE Mess Off (CAL) CHIER MERCIAL OFFICER SPS STEELS ROLLING MILLS LTO (A Unit of Shakambhan Group)
FORMS/RECORDS SAFETY (EHS)	FORMS/RECORDS SAFETY (EHS)
SHAKAMBHARI GROUP	SHAKAMBHARI GROUP
Registration No. $\frac{HCU/69/2023}{Date: 02/08/2023}$ Name_Dilip kondcar (68)Father/Husband Fakir ch; KumakuDepartment RHD Age45Relevant Personal History9Relevant Family History9Preexisting Disease(if any)	Registration No. $He U/6 B/2 c^2 3$ Date: $02/0 8/2 c_3$ Name_Arrin Kr_Hembergam (#) Father/Husband Brogadan Hemberg Department RM#2 Age 49 Sex M_Blood Group 0 + re. Relevant Personal History Notheg Relevant Family History Notheg Preexisting Disease(if any) Notheg
Height 57 6 4 Physical Examination Weight 69 kg B/P 126/78 AL Ag Clinical Examination Anaemia N/L Jaundice N/L Ocdema N/L	Physical Examination Height 5'4" Weight 55 Kg B/P 120/8 o mm ² g Clinical Examination Anaemia N1 Jaundice N1 Oedema N1
Respiratory System NAD Cardio Vascular System NAD Central Nervous System Image: Central Nervous System	Abdomen Respiratory System Cardio Vascular System Central Nervous System
Vision Near Vision N/G Distance Vision 6/6 BE Colour Vision NOAma Investigation Blood:	Vision Near Vision N/L Distance Vision 6/6 B/F Colour Vision No.3mal Investigation
TC <u>6, 600</u> DC <u>M58, L/32, E/8, H/2</u> ESR 10 m - Hb% 11.9 gm X-Ray Chest No hund Audiometry No hund	TCDCDCN/SS_L/SJ_E/S_M2_ESR_05_mm_Hb%_1S4_gun X-Ray Chest
Pulmonary Function Test No trund Any Other <u>£CL</u> Notrund Further Advice(if any)	Pulmonary Function Test Any Other $\mathcal{FL} \mathcal{G}_{\mathcal{I}} - \mathcal{W} \wedge \mathcal{FL}$
Checked by TIS Checked Address MBBS by CAL MBBS by CAL MBBS by CAL CHEF MCARLANG (AL) SPS STEELS ROLLING (AL) (A Unit of Stakambhan Group)	Checked by Chief Medical Officer Dr. N. C. BHATTACHARJEE CHIEF MEDICAL OFFICER CHIEF MEDICAL OFFICER SPS STEELS SOLUCION OFFICER (A build 5 Subscribtlan Greep)

SHAKAMBHARI GROUP	FORMS/RECORDS SAFETY (EHS) SAFETY (EHS) HEALTH CARD OF EMPLOYEE SPESTELS ROLLING MILLS LTD. (NULLS TELS ROLLING MILLS LTD. (A UNIT OF STELS ROLLING MILLS LTD. (A UNIT OF STELS ROLLING MILLS LTD.)
Registration No. $Hcu/67/2023$ Date: $02/08/23$ Name Baban dialogn (60) Pather/Husband Howsi Ram Alagas , Department RM·D Age 35 Sex M Blood Group 0 + re Relevant Personal History $Hcellee_{2}$ $Hcellee_{2}$ $Hcellee_{2}$ $Hcellee_{2}$ Preexisting Disease(if any) $Hcellee_{2}$ $Hcellee_{2}$ $Hcellee_{2}$ $Hcellee_{2}$	Registration No. <u>HCU [75]2023</u> Name <u>Subast by</u> <u>Parsoy(101)</u> Father/Husband <u>Noisknand</u> <u>parday</u> Department <u>RHD(ucs)</u> Age <u>30</u> Sex <u>M</u> Blood Group <u>A</u> tre Relevant Personal History Relevant Family History <u>NO Heing</u> Preexisting Disease(if any) D
Height 5' 6'' Weight 6' Kg B/P 7.3 5' & 0 mm'y Clinical Examination Anaemia Juin Jaundice N' L Ocdema N' L Abdomen Abdomen N' A. D Cardio Vascular System Cardio Vascular System Central Nervous System Central Nervous System Central Nervous System	Height 55 Weight 60 kg B/P 120/86 k k kg Clinical Examination Anaemia N/L Jaundice N/L Abdomen Respiratory System Cardio Vascular System Central Nervous System
Vision Near Vision <u>N/L</u> Distance Vision <u>& AF</u> Colour Vision <u>Normal</u> Investigation Blood: TC <u>Juco</u> DC <u>N/SO U40 E/R M/2</u> ESR <u>20 mm</u> Hb% <u>18:S grv</u> X-Ray Chest Audiometry Pulmonary Function Test Any Other <u>Ee.G</u> <u>wart</u> Further Advice(if any) Checkled by Chief Medical Officer Dr. N. CHHATACHARJEE MBBS, ONICAL SPB STELES ROLLING MILLS ITD. (A Unit of Shatambhari Group)	Vision Vision Near Vision V/6 Distance Vision 6/6 8 Colour Vision Near Vision Investigation Blood: TC TC 6/9 00 DC N/62,1/30 E/5, M/3 Start Hb% /9-8-7+ X-Ray Chest
FORMS/RECORDS SAFETY (EHS) HEALTH CARD OF EMPLOYEE Stakambhari group	SHAKAMBHARI GROUP
Registration No. $H(v/8v/2023)$ Date: $O.8/0.8/2.023$ Name Maroj Charle (79) Father/Husband Durgation Ghosaid Department RMD Age 45 Sex M Blood Group Offee Relevant Personal History	Registration No. $H \in U / B \neq f^2 (23)$ Date: $0 \leq f \otimes f^2 (23)$ Name Provide Kunch $(0 \neq f)$ Pather/Husband Grayersh Kunch Department $\underline{RM} \cdot D$ Age 32 Sector Sector Blood Group \underline{B}^+ re Relevant Personal History \underline{Age} 32 Preexisting Disease(if any) \underline{Nathg} Preexisting Disease(if any) Physical Examination Height $\underline{5}^+ = \underline{7}^+$ $\underline{B/P} - 120/30$ mm hg Clinical Examination $\underline{Clinical Examination}$
Abdomen	Abdomen
Blood: TC 6, 500 DC N/58, 1/93, 5/5, M/4 ESR 10 M Hb% 141 91 X-Ray Chest Normal Audiometry Normal Pulmonary Function Test Normal Any Other <u>6 C G Normal</u> Further Advice(if any) Checkted by Chief Medical Officer Dr. N. C. BHATTCHARJE	Blood: TC_ $6,9 cc$ DC_ $N/6.4/L-30$ M/3.5/3 ESR 10 mm Hb% 14+2 3 M X-Ray Chest Audiometry Pulmonary Function Test Any Other_ $6.c.G w. N. L$ Further Advice(if any) Checked by Chief Medical Officer/ Dr. N. C. BHATTACHARJEE Dr. N. C. BHATTACHARJEE DC. N. C. BHATTACHARJEE

SHAKAMBHARI GROUP	FORMS/RECORDS SAFETY (EHS) HEALTH CARD OF EMPLOYEE SHAKAMBHARI GROUP
Registration No. HUU/94/2023 Date: 03/08/2023	Registration No. HCU / 98/2023 Date: 03/08/23
Name Royder Bhuigg (515) Father/Husband Grajo Bhuiga	Name Rokesh Kume (48) Father/Husband Ramesues- Kume
Department DR7 Age 45 Sex M Blood Group A + 12	Department RM. 2 Age 37 Sex M Blood Group Btre
Relevant Personal History	Relevant Personal History
Relevant Family History Mathy	Relevant Family History \ Nother
Preexisting Disease(if any)	Preexisting Disease(if any)
Physical Examination	Physical Examination
Height 5'6" Weight 74 Kg B/P 120/00 MM C	Height <u>5 7"</u> Weight <u>76 Kg</u> B/P <u>120/20 mm ha</u>
Clinical Examination	Clinical Examination ,
Abdomen	Ahacima NTL Saundice ISTL Ocurina ISTL
Respiratory System	Abdomen
Cordio Vascular System	Cardia Vacaular System
Control Nervous System	Cardio Vascular System
Vision	Vision
Near Vision <u>N/6</u> Distance Vision <u>Cf6 B/r</u> Colour Vision <u>Neanel</u> Investigation	Near Vision 14/4 Distance Vision 6/6 B/E Colour Vision Normel Investigation
Blood:	Blood:
V Pov Chest	V. Buy Chest
	Andiometry
Pulmonary Function Test	Pulmonary Function Test
Any Other EPC, WIN'L	Any Other C. C. W. N.L
Further Advice(if any)	Further Advice(if any)
Chief Medical Office/ Dr. N. C. BHATTACHARLEE MBBS DHI (CL) CHIEF MEDICAL OFFICER SPS STEELS ROLLING MILLS I TO M LINE OF DEVENSION MILLS I TO	Chief Medical Officer/ Dr. N. C., BHAŢTACHAR/EE MBBS. DH (CAL) CHIEF MEDICAL OFFICER SPS STELLS ROLLING MILLS LTD. (A Unit of Shakambhail Group)
FORMS/RECORDS SAFETY (EHS) HEALTH CARD OF EMPLOYEE SHAKAMBHARI GROUP Registration No. Hey 110/2013 Date: 02/02/23	FORMS/RECORDS SAFETY (EHS) SAFETY (EHS) HEALTH CARD OF EMPLOYEE STEEL NDIA'S TOO LOST BAR SPS STEELS ROLLING MILLS LTD. IA UNIT OF SHAKAMMHARI OROUP) Registration No. Hey (105/2023) Date: 0.260/8/2-3
Name Suget Banki Munna JFather/Husband Kanal Barki	Name Kaishnautu Shyam (255) Father/Husband Sunil Kr. Shyam
Department Confeen, Age 2& Sex M Blood Group 0 + re	Department <u>HRD</u> Age <u>46</u> Sex <u>M</u> Blood Group <u>B</u> [Negabire
Relevant Personal History	Relevant Personal History
Relevant Family History Nathag	Relevant Family History
Preexisting Disease(if any)	Preexisting Disease(if any)
Height <u>6' 1^k</u> Weight <u>50</u> B/P <u>120/20 mm/s</u> Clinical Examination	Height $5' \neq 4$ Physical Examination $B/P - 1/0 / \neq 0$ mm h_{2} . Clinical Examination
Anaemia MIL Jaundice NIL Oedema NIL	Anaemia NIL Jaundice N'L Oedema NIL
Abdomen	Abdomen
Respiratory System	Respiratory System N.A.D
Cardio Vascular System	Cardio Vascular System
Central Nervous System	Central Nervous System
Near Vision N/L Distance Vision 6/4 B/F Colour Vision A/e4n/, Investigation	Near Vision 19/6 Distance Vision 6/6 8/16 Colour Vision 102 ml
Blood:	Blood: DO NILL LIZE FIEM/2 ESP JAMM HAV 12. J. 9.
V. Pay Chest	IC 4500 DC May 1 - FP 1 - ESK 20 mm 10/0 M - C
Audiometry	Andiometry
Pulmonary Function Test	Audioneury(N+A+1)
Any Other School WIN	Any Other C. a. G. MILAN
Further Advicelif any	Ruther Advice if any
Checked by	Checked by
Chief Medical Officer	Chief Medical Office
Dr. N. C. BHATTACHARJEE	Dr. N. C. BHATTÁCHARJEE
CHIEF MEDICAL OFFICER SPS STEELS ROLLING MILLS LTD. SPS STEELS ROLLING MILLS LTD.	MBBS, DH (CAL) CHIEF MEDICAL OFFICER SFB STEELS ROLLING MILLS LTD.

ANNEXURE-16

from Zhang. Just four points later, Gauff was a quarterfinalist at Flushing Meadows for the first time.

Gauff, the French Open runner-up in June, came back

Here, I can't hear myself scream. Makes me want to do it more. I think I'm feeding off the momentum a lot. I enjoy it, said No. 12 seed Gauff, who meets No. 17 Caroline Garcia

56 off 46 balls in the crucial

clash against Barbados to help

against Pakistan in Australia's

final Group A game, following

it up with a patient 29-ball 36

in the semifinal clash against

New Zealand, batting her side

out of trouble after the early

her all-round brilliance. She

was one of the key factors in

Australia making history and

bagging the gold medal in the

McGrath impressed with

I'm just glad I'm finally able to show New York my talent, said Kyrgios, never past the third round at the US Open until now. I haven't had too

many great trips here. AGENCIES

GOVERNMENT OF WEST BENGAL OFFICE OF THE SUPERINTENDING ENGINEER, EASTERN CIRCLE, PHE DTE. NIJALAY, PLOT NO. CN-8, SEC-V, SALT LAKE CITY, KOLKATA - 700091 e-TENDER NOTICE Tender Reference No. WBPHED/SE/EC/NIeT-43/2022-23

Tender ID : 2022_PHED_401145_1 e-Tenders in WBF 2911 are invited for the work: - "Providing Functional House hold Tap Connection (FHTC) including supplying, laying, fitting, fixing of 15 mm NB PVC, Schedule 80/20 mm OD HDPE

(FE 100, PN 16) pipe with all necessary works from existing & new proposed distribution system within command area of Zone-IV (Chakla) in Deganga Block of North 24 Parganas District under North 24 Parganas Water Supply Division-I, PHE. Dte." Bid Submission Closing Date (Online): 11.10.2022 at 12.00 p.m." Further details are available htp://wbtenders.gov.in/nicger/app. Sd/- Superintending Engineer, Eastern Circle, PHE Dte.

ICA-T15755 (3) / 2022

Abridge Notice Inviting E-Tender No. WBIW/EE/PUAIWA001/e-NIT-02/2022-23 Open tender are invited by the Executive Engineer, Purulia Construction Division, I&W Directorate. Bhatbandh Irrigation Colony, PO & Dist-Purulia for the works of the aforesaid N.I.T. 1. Date of documents download start:06/09/2022 at 10:00 hrs. 2. Date of bid submission start: 06/09/2022 at 10:00 hrs. 3. Last date of documents download & bid submission: 14/09/2022 at 10:00 hrs. All details, may be downloaded from [HYPERLINK http://www.wbiwd.gov.in or http://www.etender.wb.nic.in} Sd/ Executive Engineer, Purulia Construction Division(I).

ICA-T15750 (2) / 2022

ASSIFIEDS

CHANGE OF NAME

millennium

ICA-T15752 (3) / 2022 RNMENT OF WEST BENGA

NOTICE INVITING TENDER Bid reference no. - WBMSCL/NIT-394/2022, dated: 01/09/2022

Bio reference no. - Woinschmitt 394/2022, dated iol/09/2022 West Bengal Medical Services Corporation Ltd. is inviting online bids for "Repair and Renovation of Drain Line and Pits of Islampur Super Specialty Hospital Campus, Islampur, North Dinajpur during the year 2022-2023." Last date of submission of bid (online)-20.09.2022 upto 03.00 P.M. The tender document can be downloaded from www.wbtenders.gov.in on or after 03.00 P.M. on 06.09.2022. Details of the tender will also be available at www.wbmsc.gov.in Sd/- General Manager, WBMSCL & Deputy Secretary to the Govt. of W.B.



NITe No. :- 06/ 2022-23, Date :-05.09.2022

E-Tender for one no. schemes is hereby invited by the undersigned from the eligible contractors. Tender Documents download, Bid submission and other details will be available at http: portal from 05.09.2022 06.00 pm.

Executive Office Puncha Panchyat Samity Memo No 1412/(2)/ICA/PURU Dt 05/09/2022

GOVERNMENT OF WEST BENGAL **PWD TENDER NOTICE**

The Executive Engineer, PWD, Kolkata East Division invites eTender on Percentage rate & Item rate basis (Combined) vide eTender No. WBPWD/EE/KED/NIT-18/2022-2023 for 1 (One) nos work vide Tender ID No: 2022 WBPWD 400895 1 of 2022-2023. Bid Submission Start date (online) is 06.09.2022 from 5.30 P.M. Bid Submission closing date (online) is 13.09.2022 upto 2.30 P.M. Corrigendum if any will be published in website only. Details of N.I.T and Tender documents may be downloaded from https:// wbetenders.gov.in Sd/- Executive Engineer, PWD, Kolkata East Division.

ICA-T15763 (3) / 2022

ENT OF WEST BENGA Notice Inviting Expression of Interest E.O.I. No. WBSAMB/CEO/1/R1/2022-23 Dated- 29.07.2022

West Bengal State Agricultural Marketing Board invites Bid (Expression of Interest) for running a Budget Canteen in the office premises of West Canteen in the office premises of West Bengal State Agricultural Marketing Board, 'Kamal Guha Krishi Bipanan Bhawan', 729, Anandapur, Kolkata-700107. Date of submission of EOI both (Technical & Financial Bid) to be submitted in separate envelope from 09.09.2022 to 23.09.2022 on any unorking due from 11.00 a m. to 04.00 working day from 11.00 a.m. to 04.00 p.m. The detail information will be p.m. the detail information will be available on Office Notice Board and https://wb.gov.in and http://wbagrimarketingboard.gov.in/ index.htmlSd/-Chief Executive Officer, West Bengal State Agricultural MarketingBoard.

ICA-T15731 (3) / 2022

her side secure a semifinal spot. Monday nominated for the ICC 'Player of the Month' Mooney, on the other hand, was the highest run-scorer at award for her impressive perthe Birmingham CWG. She kicked off the month with a formance at the Commonwealth Games in August. brilliant unbeaten 49-ball 70

Jemimah nominated for ICC

'Player of the month' award

The nominations in the women's

category also feature Mooney & McGrath

The nominations in the women's category also feature the gold medal-winning Australian duo of Beth Mooney and Tahlia McGrath.

DUBAI: Star Indian batter

Jemimah Rodrigues was on

Rodrigues was one of the pillars of the Indian team that went all the way into the finals of the Commonwealth Games in Birmingham. She ended the tournament fifth on the runscorers list with 146 runs in five matches.

Rodrigues was India's top run-getter with an unbeaten

first-ever women's tournament in the event's history. AGENCIES MILLENNIUM POST PAGE-11.

wickets.

NOTICE

We, SPS Steel 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-11011/156/2020-IA.II(I), dated 01.09.2022, for the expansion of Steel Melting Shop (1,08,000 to 3,50,000 TPA) along with installation of Captive Power Plant of 10 MW (5 MW WHRB & 5 MW AFBC) within existing Steel Plant (66,000 TPA Sponge Iron Plant & 4,56,000 TPA Rolling Mill), located at Dr. Zakir Hussain Avenue, G.T. Road (Indo American More), Durgapur, Tehsil - Faridpur Durgapur, District -Paschim Bardhaman, West Bengal. Copy of the environmental clearance letter has been uploaded on the official website of the Company i.e. www.spsgroup.co.in www.spsgroup.co.in

Place : Kolkata Dated : 05.09.2022

For SPS Steels Rolling Mills Limited

EASTERN RAILWAY

E-Auction is invited by Sr. Divisional Commercial Manager, Eastern Railway, Howrah Division for awarding contract for operation of parking lot at various stations over Howrah Division for 3 years. For more details and participation in E-Auction kindly visit the website www.ireps.gov.in through E-Auction Leasing Module. Auction Catalogue No. : PARK-HWH-RE-8-2. SI. No., Lot No. / Category & Name of the station are as follows : (1) PARKING-HWH-KAN-TW-210-22-1 (Parking - Two Wheeler), Khana. (2) PARKING-HWH-GOGT-TW-66-22-2 (Parking - Two Wheeler), Goghat. (3) PARKING-HWH-BDH-TW-211-22-2 (Parking - Two Wheeler), Bhedia. (4) PARKING-HWH-AGAE-TW-86-22-1 (Parking - Two Wheeler), Agradwip. (5) PARKING-HWH-NSF-TW-62-22-1 (Parking - Two Wheeler), Nasibpur (6) PARKING-HWH-PNE-TW-225-22-1 (Parking - Two Wheeler), Prantik. (7) PARKING-HWH-BAHW-TW-202-22-1 (Parking - Two Wheeler), Bahirkhanda. (8) PARKING-HWH-NHT-TW-89-22-1 (Parking - Two Wheeler), Nalhati. Start date and time : 16.09.2022 at 11.00 hrs. for all. (HWH-193/2022-23) Tender Notices are also available at Website www.er.indianrailways.gov.in / www.ireps.gov.in

Follow us at : O @EasternRailway G Eastern Railway Headquarter

North 24 Parganas do hereby declare that my name is recorded in my Passport (U372259) GS, Dilip Kumar Paul shall henceforth be know as Dilip Paul, S/o gour Chandra paul or Dilip Kumar Paul or Sri Dilip Kumar Paul S/o Sri Gour Chandra Paul both is same one and identical person vide affidavit sworn before the 1st class judicial magistrate Basirhat Court

on 02-09-2022





5)146/6

কর্মখালি/

ব্যবসা/বাণিজ্ঞা/

হারানো/প্রাপ্তি

ইত্যাদি বিজ্ঞাপন

১২টি শব্দ ২৫০ টাকা অতিরিক্ত শব্দ ১৮ টাকা

Milk Producers' Union Lim-

ited has extend the date up to 09.09.2022 at 18:40 hrs.

Cooperative

Kharar

Kharar.

No.

No.

Dated

Medinipur

PUBLIC NOTICE FOR GOLD AUCTION

Notice is hereby given to the public in general and the account holders in particular that E-Auction of the pledged gold ornaments in the below mentioned account/s will be conducted by The Federal Bank Ltd., on 13/09/2022 through online portal, https://gold.samil. in. Interested buyers may log on to the auction portal or contact the Bank at 033-23971453 or 033-23973167 for further information.

Branch Name	Loan Account Number	Account Holder's Name	
Kolkata/Behala	13146100066402	BIKASH KUMAR DHANUK	
Kolkata/Behala	13146100065966	PAPPU SINGH	
Kolkata/Behala	13146100067277	MITHU KOSURI SARKAR	
Kolkata/Behala 13146100067350		SHREYA CHOUDHARY	
Place: Kolkata	ISTER !!	Sd/-	
Date: 06.09.2022		Authorised Officer	
1	and the second	Federal Bank Ltd.	

বিজ্ঞপ্তি

আমরা, এস.পি.এস. রোলিং মিলস লিমিটেডের পক্ষ থেকে সকলকে জানাচ্ছি যে, আমাদের পশ্চিম বর্ষমান জেলার করিদপুর দুর্গাপুর তহশীলে ডাঃ জাকির হোসেন এভিনিউ, জি.টি. রোড (ইন্দো আমেরিকান মোড়), দুর্গাপুরস্থিত বিদ্যমান ইস্পাত কারখানার (৬৬,০০০ টন / বছর পঞ্জ আয়রন প্ল্যান্ট এবং ৪,৫৬,০০০ টন/বছর রোলিং মিল) সম্প্রসারণ [স্টীল মেন্টিং শপ ১,০৮,০০০ টন/বছর থেকে ৩,৫০,০০০ টন/বছর তৎসহ ১০ মেগাওয়াট ক্ষমতাসম্পন্ন নতুন নিজম্ব বিদ্যুৎ কেন্দ্র (৫ মেগাওয়াট WHRB এবং ৫ মেগাওয়াট AFBC)] প্রস্তাবটি ভারত সরকারের পরিবেশ, বন ও জলবায়ু পরিবর্তনমন্ত্রক থেকে [F.No. IA-J-11011/156/2020-IA.II(I)] গত ০১.০৯.২০২২ তারিখে পরিবেশগত ছাড়পত্র পেয়েছে। সর্বসাধারণের অবগতির জন্য প্রাপ্ত ছাড়গরের প্রতিন্সিপি কোম্পানির ওয়েবসাইটে (www.spsgroup.co.in) আপলোড করা হয়েছে। স্থান ঃ কোলকাতা

তারিখ ঃ ০৫.০৯.২০২২

স্বাক্ষরিত

এস.পি.এস. রোলিং মিলস লিমিটেডের পক্ষে

Govt. of West Bengal

Chairman of Subsidiary Police Canteen Cum Supdt. of Police, Purba Bardhaman invites tender in connection with: N.I.Q No-01/2022-2023, Name of Work "Repair & Renovation of S.P.C Purba Bardhaman" Details will be available at office Notice Board of S.P.C Purba Bardhaman. Shedule of work/Tender form will be supplied on & from the date of publication of this Notice. Sd/-Chairman of Subsidiary Police Canteen Cum Supdt. of Police, Purba Bardhaman

DASPUR-I GRAM PANCHAYAT

NOTICE INVITING E-TENDER

WBPMID/DAS-I/GP/NIT-1/22-23, MEMO: 577, DATE: 02.09.22 Tender through are inviting by the undersigned from the bonafide and experienced contractors. Registerd Engineers Co-Opp. Societies and Labour Co-opp Societies having credential of similar type of work at Daspur-I Gram Panchayat under Daspur-I Panchayat Samiti. Bid Submission start date: 05.09.22, Bid Submission end date: 12.09.22. Bid opening date: 15.09.22 for details please visit website http://wbtenders. aov.in

Sd/-The Pradhan, Daspur-I Gram Panchayat

TENDER NOTICE NO. 01/2022-23 IN CONCISE

Superintendent of Police, Alipurduar invites Sealed Tender from recognized and reputed Firms/Supplier for "Supply of Miscellaneous articles for the year 2022-23" of Alipurduar District Police. Dropping of Tender by 19/09/2022 up to 13.00 hrs. which will be opened on 19/09/2022 at 14.00 hrs. Details will be available in this office Notice Board.

Memo No. 366(2) DICO/APD Date: 05.09.2022

> Sd/-Superintendent of Police Alipurduar

against Tender id: 2022_BC-MPU_398926_1 for hiring of Cold Room with Unloading, Storage, again Loading of Milk and Products. For details visit https://wbtenders.gov.in Sd/-**Managing Director**

The Bhagirathi

For The Bhagirathi Cooperative Milk Producers' Union Ltd.

KHARAR MUNICIPALITY

WBMAD/ULB/KHM

2022 MAD 401948 Bid

Submissing Closing Date

(Online) 27.09.2022 upto

6 PM. The Details NIT

may be seen/downloaded

from the website https://

Sd/-

wbtenders.gov.in

Id

Chairman

Paschim

Municipality,

NIT-03/22-23

05/09/2022.

invites E-Tender

Office of the Executive Engineer P&RD Deptt.

HPIU, WBSRDA, MALDA Division RRNMU Building, 6/2, Plot No. 3339, Ward No. 2, P.S. English Bazar, P.O. Mokdumpur, Dist. Malda, Pin-732103 NIe-T No. 03 of 2022-23 [3rd Call] Of EE/HPIU/WBSRDA/ MALDA Division On behalf of WBSRDA, Malda Division, e-tender is invited by Executive Engineer, HPIU, WBSRDA, Malda Division from bondfied resourceful contractors for a road work under WBSRDA, Malda Division. All other details will be available from WBSRDA, Malda Division's Notice Board. Intending tenderers may visit the website, namely https:// wbtenders.gov.in for further details. Start date of submission of bid: 06.09.2022 from 10.00 Hours

Last Date of submission of bid: 22.09.2022 upto 17.00 Hours Sd/-

Executive Engineer HPIU, WBSRDA, MALDA DIVISION

ANNEXURE-17





TC-11003

(A leading environmental research laboratory)

Recongnized by West Bengal Pollution Control Board Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216 Contact: 0343-2543019, 9732580459, 9433158173, email: greenvision.dgp@gmail.com, Website: www.greenvisiondurgapur.com

TEST REPORT OF AMBIENT AIR ANALYSIS

FORMAT NO. : GV/LAB/FM/33A

Sample is drawn by M/	s. Greenvision	U.L.R. No. : TC1100)32300000098F
Report No.	: GV/AR/23-24/054	Sample Ref. ID	: AS-092-2023(1
Name of Customer	: M/s. SPS Steels Rolling Mills Ltd. (Unit-I)	Report Date	: 19.08.2023
Address of Customer	: Dr. Zakir Hussain Avenue, Durgapur, Pin : 713206, Paschim Bardhaman.	Date of Sampling	: 02.08.2023 to 03.08.2023
Sample Description	: Ambient Air	Date of Receiving	: 03.08.2023
Sampling Location	: Roof of Administrative Building	Analysis Started On	:04.08.2023
Sample Condition	: In GMF Filter Paper & Plastic Bottle	Analysis Completed On	: 08.08.2023
Location of Testing	: At Laboratory	Time of Sampling	: 09:20 am to 09:20 am
Sampling Method	: CPCB, Emission Regulation (Part III)		
A. METROLOGICAL INF	ORMATION		

Average Temperature (⁰ C)	: 30.6
Average Relative Humidity (%)	: 80.0
Barometric Pressure (mm of Hg)	: 754.0
Smell or Odour	: No Remarkable Smell
Weather Condition	: Clear Sky

B. RESULT OF ANALYSIS

SI. No.	Parameters	Unit	Concentration	Limit
01.	Concentration of PM10	μg/m ³	74.48	100.0
02.	Concentration of PM2.5	μg/m ³	38.92	60.0
03.	Concentration of SO ₂	μg/m ³	9.64	80.0
04.	Concentration of NO ₂	μg/m ³	39.46	80.0
05.	Concentration of Pb	µg/m ³	BDL	1.0
06.	Concentration of Benzene	µg/m ³	BDL	5.0
07.	Concentration of NH ₃	µg/m³	11.26	400.0
08.	Concentration of CO	mg/m ³	0.327	4.0
09.	Concentration of Benzo(a)Pyrene	ng/m ³	BDL	5.0
10.	Concentration of As	ng/m ³	BDL	6.0
11.	Concentration of Ni	ng/m ³	BDL	20.0
12.	Concentration of Ozone as O3	μg/m ³	12.7826	100.0

* BDL Stands for Below detectable Limit

SR Acusal Reviewed by

(Sabyasachi Shyam Roy Chowdhury) **Quality Manager**

(Sabyasachi Shyam Roy Chowdhury **Quality Manager Authorised Signatory** For, GREEN VISION

Note: 1. This report refers to the values obtained at the time of testing and results related to the items tested.

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3. Retention period of tested sample (Filter Paper) is 6 months from the date of issue test report unless otherwise specified.

City Office : 84/10, Roy Bahadur Road, Behala, Kolkata-700 034, Ph. : 9433158173 Branch Office : Durgachak, Haldia, Purba Medinipur, Ph. : 8101647425 M.N. Sarkar Road, Mahananda Para, Siliguri-734001







(A leading environmental research laboratory)

Recongnized by West Bengal Pollution Control Board Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216 Contact : 0343-2543019, 9732580459, 9433158173, email :greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com

TEST REPORT OF AMBIENT AIR ANALYSIS

FORMAT NO. : GV/LAB/FM/33A

Sample is drawn by M/	s. Greenvision	U.L.R. No. : TC1100)323000000099F
Report No.	: GV/AR/23-24/055	Sample Ref. ID	: AS-092-2023(2
Name of Customer	: M/s. SPS Steels Rolling Mills Ltd. (Unit-I)	Report Date	: 19.08.2023
Address of Customer	: Dr. Zakir Hussain Avenue, Durgapur, Pin : 713206, Paschim Bardhaman.	Date of Sampling	: 02.08.2023 to 03.08.2023
Sample Description	: Ambient Air	Date of Receiving	: 03.08.2023
Sampling Location	: Near Security Check Post	Analysis Started On	: 04.08.2023
Sample Condition	: In GMF Filter Paper & Plastic Bottle	Analysis Completed On	: 08.08.2023
Location of Testing	: At Laboratory	Time of Sampling	: 09:45 am to 09:45 am
Sampling Method	: CPCB, Emission Regulation (Part III)		
A. METROLOGICAL INF	ORMATION		
Average Tomporature	¹⁰ C1 . 20 G		

: 30.6
: 80.0
: 754.0
: No Remarkable Smell
: Clear Sky

B. RESULT OF ANALYSIS

SI. No.	Parameters	Unit	Concentration	Limit
01.	Concentration of PM10	μg/m ³	75.68	100.0
02.	Concentration of PM2.5	μg/m ³	39.54	60.0
03.	Concentration of SO ₂	μg/m ³	10.26	80.0
04.	Concentration of NO ₂	μg/m ³	40.32	80.0
05.	Concentration of Pb	µg/m³	BDL	1.0
06.	Concentration of Benzene	µg/m ³	BDL	5.0
07.	Concentration of NH ₃	µg/m³	11.86	400.0
08.	Concentration of CO	mg/m ³	0.489	4.0
09.	Concentration of Benzo(a)Pyrene	ng/m ³	BDL	5.0
10.	Concentration of As	ng/m ³	BDL	6.0
11.	Concentration of Ni	ng/m ³	BDL	20.0
12.	Concentration of Ozone as O3	μg/m ³	12.9024	100.0

* BDL Stands for Below detectable Limit

S. Ry Chows

(Sabyasachi Shyam Roy Chowdhury) Quality Manager (Sabyasachi Shyam Roy Chowdhury) Quality Manager Authorised Signatory For, GREEN VISION

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City Office : 84/10, Roy Bahadur Road, Behala, Kolkata-700 034, Ph. : 9433158173 Branch Office : Durgachak, Haldia, Purba Medinipur, Ph. : 8101647425 M.N. Sarkar Road, Mahananda Para, Siliguri-734001







(A leading environmental research laboratory)

Recongnized by West Bengal Pollution Control Board Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216 Contact : 0343-2543019, 9732580459, 9433158173, email : greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com

TEST REPORT OF AMBIENT AIR ANALYSIS

FORMAT NO. : GV/LAB/FM/33A

Sample is drawn by M/	s. Greenvision	U.L.R. No. : TC1100)323000000111F
Report No.	: GV/AR/23-24/060	Sample Ref. ID	: AS-092-2023(7)
Name of Customer	: M/s. SPS Steels Rolling Mills Ltd. (Unit-I)	Report Date	: 19.08.2023
Address of Customer	: Dr. Zakir Hussain Avenue, Durgapur, Pin : 713206, Paschim Bardhaman.	Date of Sampling	: 03.08.2023 to 04.08.2023
Sample Description	: Ambient Air	Date of Receiving	: 04.08.2023
Sampling Location	: Rear End of the Plant	Analysis Started On	: 05.08.2023
Sample Condition	: In GMF Filter Paper & Plastic Bottle	Analysis Completed On	: 08.08.2023
Location of Testing	: At Laboratory	Time of Sampling	: 09:50 am to 09:50 am
Sampling Method	: CPCB, Emission Regulation (Part III)		
A. METROLOGICAL INF	ORMATION		
Average Temperature	⁽⁰ C) . 21.0		

Average Temperature (°C)	: 31.0
Average Relative Humidity (%)	: 80.0
Barometric Pressure (mm of Hg	;):754.0
Smell or Odour	: No Remarkable Smel
Weather Condition	: Clear Sky

B. RESULT OF ANALYSIS

Sl. No.	Parameters	Unit	Concentration	Limit
01.	Concentration of PM10	μg/m ³	72.84	100.0
02.	Concentration of PM2.5	μg/m ³	37.38	60.0
03.	Concentration of SO ₂	μg/m ³	9.86	80.0
04.	Concentration of NO ₂	μg/m ³	39.84	80.0
05.	Concentration of Pb	µg/m³	BDL	1.0
06.	Concentration of Benzene	µg/m ³	BDL	5.0
07.	Concentration of NH ₃	µg/m ³	10.32	400.0
08.	Concentration of CO	mg/m ³	0.392	4.0
09.	Concentration of Benzo(a)Pyrene	ng/m ³	BDL	5.0
10.	Concentration of As	ng/m ³	BDL	6.0
11.	Concentration of Ni	ng/m ³	BDL	20.0
12.	Concentration of Ozone as O3	μg/m ³	12.6642	. 100.0

* BDL Stands for Below detectable Limit

S. Roy Chouse Reviewed by (Sabyasachi Shyam Roy Chowdhury)

Quality Manager

300 (Sabyasachi Shyam Roy Chowdhur **Quality Manager Authorised Signatory** For, GREEN VISION

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City Office : 84/10,Roy Bahadur Road, Behala, Kolkata-700 034, Ph. : 9433158173 Branch Office : Durgachak, Haldia, Purba Medinipur, Ph. : 8101647425 M.N. Sarkar Road, Mahananda Para, Siliguri-734001







(A leading environmental research laboratory)

Recongnized by West Bengal Pollution Control Board Urvashi Malhar, Phase II, MEAV-25, Bengal Ambuja Housing Complex, City Centre, Durgapur-713216 Contact : 0343-2543019, 9732580459, 9433158173, email : greenvision.dgp@gmail.com, Website : www.greenvisiondurgapur.com

TEST REPORT OF AMBIENT AIR ANALYSIS

FORMAT NO. : GV/LAB/FM/33A

Sample is drawn by M/	s. Greenvision	U.L.R. No. : TC1100	0323000000112F
Report No.	: GV/AR/23-24/061	Sample Ref. ID	: AS-092-2023(8
Name of Customer	: M/s. SPS Steels Rolling Mills Ltd. (Unit-I)	Report Date	: 19.08.2023
Address of Customer	: Dr. Zakir Hussain Avenue, Durgapur, Pin : 713206, Paschim Bardhaman.	Date of Sampling	: 03.08.2023 to 04.08.2023
Sample Description	: Ambient Air	Date of Receiving	:04.08.2023
Sampling Location	: Khoyrasole Village	Analysis Started On	: 05.08.2023
Sample Condition Location of Testing	: In GMF Filter Paper & Plastic Bottle : At Laboratory	Analysis Completed On Time of Sampling	: 08.08.2023 : 10:20 am to 10:20 am
Sampling Method	: CPCB, Emission Regulation (Part III)		

Average Temperature (^o C)	: 31.0
Average Relative Humidity (%)	: 80.0
Barometric Pressure (mm of Hg)	: 754.0
Smell or Odour	: No Remarkable Smell
Weather Condition	: Clear Sky

B. RESULT OF ANALYSIS

SI. No.	Parameters	Unit	Concentration	Limit
01.	Concentration of PM10	μg/m ³	67.58	100.0
02.	Concentration of PM2.5	μg/m ³	34.72	60.0
03.	Concentration of SO ₂	μg/m ³	9.04	80.0
04.	Concentration of NO ₂	$\mu g/m^3$	39.12	80.0
05.	Concentration of Pb	µg/m ³	BDL	1.0
06.	Concentration of Benzene	µg/m³	BDL	5.0
07.	Concentration of NH ₃	µg/m³	10.18	400.0
08.	Concentration of CO	mg/m ³	0.231	4.0
09.	Concentration of Benzo(a)Pyrene	ng/m ³	BDL	5.0
10.	Concentration of As	ng/m ³	BDL	6.0
11.	Concentration of Ni	ng/m ³	BDL	20.0
12.	Concentration of Ozone as O3	μg/m ³	12.3158	100.0

* BDL Stands for Below detectable Limit

Reviewed by ahourst? (Sabyasachi Shyam Roy Chowdhury)

Quality Manager

(Sabyasachi Shyam Roy Chowdhui **Quality Manager Authorised Signatory** For, GREEN VISION

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