



JSWSTEEL/NP/EMD/568/2023

To,

The Additional Director,
Ministry of Environment, Forest and Climate Change,
Regional office (WCZ), Ground Floor East Wing,
New Secretariat Building, Civil Line, Nagpur - 440001

Subject: Six Monthly Environmental Monitoring and Compliance Report for the period of April-2023 to September-2023 of 1.75 MTPA Integrated Steel Plant, Naharpali, Raigarh, Chhattisgarh.

Reference:

1. Environmental Clearance accorded for 1.75 MTPA Integrated Steel Plant vide letter no. F. No. J-11011/196/2007-IA II(I) dated 25.12.2007;
2. F. No. J-11011/196/2007-IA II(I) dated 31.03.2011
3. F. No. J-11011/196/2007-IA II(I) dated 13.04.2017.

Dear Sir,

Please find enclosed herewith Six Monthly Compliance Report along with Environmental Monitoring Reports for the period of April-2023 to September-2023 with respect to the conditions stipulated in Environmental Clearance accorded vide letter no. J-11011/196/2007-IA II (I) dated 26.12.2007, 31.03.2011 and 13.04.2017 for 1.75 MTPA Integrated Steel Plant, Naharpali, Raigarh, Chhattisgarh. Enclosures are as under;

1. Data sheet comprises of Part-I - **Appendix-A**
2. Compliance status Report & Monitoring Report - **Appendix-B**

This is for your kind information and records please.

Thanking you,

Yours faithfully,

For **JSW Steel Limited, Raigarh**

Authorized Signatory

Encl: Compliance & Monitoring report.

CC:

1. **Zonal Officer**, Central Pollution Control Board, 3rd Floor, Sarkar Bhawan, North TT Nagar, Bhopal (M.P.) - 462003.
2. **Integrated Regional officer (MoEF & CC)**; Aranya Bhavan, Sec-19, North Block, Block Sector -19, Atal Nagar Raipur (C.G.)
3. **Member Secretary**, Chhattisgarh Environment Conservation Board, Paryavas Bhawan, North Block Sector -19, Atal Nagar Raipur (C.G.).
4. **Regional Officer**, Regional Officer, Chhattisgarh Environment Conservation Board, TV Tower Road, Raigarh (Chhattisgarh)

APPENDIX-A

MONITORING THE IMPLEMENTATION OF ENVIRONMENTAL SAFEGUARDS

Ministry of Environment & Forests, Regional Office (WCZ), Nagpur

Monitoring Report

Part-I

DATA SHEET

1	Project type	:	1.75 MTPA Integrated Steel Plant
2	Name of the project	:	JSW STEEL LIMITED, RAIGAGH
3	Clearance letter(s) / OM no. and date		J-11015/196/2007.1A.II(I), 26.12.2007; 31.03.2011 and 13.04.2017.
4	Location		
	District(s)	:	Raigarh
	State(s)	:	Chhattisgarh
	Latitude	:	21°58'30.41" N to 21°59'37.87" N
	Longitude	:	83°13'28.25" E to 83°15'11.29" E
5	Address for correspondence		
	a) Address of concerned Project Chief Engineer (with pin code & telephone / telex/ fax numbers)	:	R.K. Patel (Factory Manager) JSW STEEL LIMITED, RAIGARH WORK Village & Post-Naharpali, Tehsil-Kharsia Dist. Raigarh-496661; Ph. 07762-275502
	b) Address of Executive Project Engineer / Manager (with pin code / fax numbers.	:	M. Murlidhar Rao (EHS-Head) JSW STEEL LIMITED, RAIGARH WORK Village & Post-Naharpali, Tehsil-Kharsia Dist. Raigarh-496661; Ph. 07762-251105 Email: env.naharpali@jsw.in
6	Salient features		
	a) Of the project	:	Please refer Annexure- A
	b) of the environmental management plans	:	Please refer Annexure- B
7	Break-up of the project area.		
	a) Submergence area (forest & non-forest)	:	Nil
	b) Others	:	227.84 Hectare
8	Break-up of the project Affected population with enumeration of those losing houses / dwelling units only agricultural land only, both dwelling units & agricultural land & landless laborers / artisan.		
	a) SC, ST / Adivasi's	:	Not Applicable
	b) Others (Please indicate whether these figures are based on any scientific and systematic survey	:	227.84 Hectares

	carried out or only provisional figures if a survey is carried out give details & year of survey)		
9	Financial details: Project cost as originally planned and subsequent revised estimates and the year of price reference.	:	2025 Crores (as on 2007)
	a) Allocation made for environmental management plans with item wise and year wise break-up.	:	
	b) Benefit cost ratio / internal rate of return and the year of assessment.	:	
	Actual expenditure incurred on the environmental management plans (April 2023-Sept.2023)	:	INR- 67.33 Lacs
10	Forest land requirement.		
	a) The status of approval for diversion of forest land for non-forestry use	:	Not Applicable
	b) The status of clearing felling	:	Not Applicable
	c) The status of compensatory afforestation, if any	:	Not Applicable
	d) Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far.	:	Not Applicable
11	The status of clear felling in non-forest areas (such as submergence area of reservoir, approach roads), if any with quantitative information.	:	Not Applicable
12	Status of construction		
	a) Date of commencement (Actual and /or planned)	:	2008
	b) Date of completion (Actual and / or planned).	:	Not Applicable as project is operational
13.	Reasons for the delay if the project is yet to start.	:	Not Applicable
14	Dates of site visits		
	a) The dates on which the project was monitored by the Regional Office on previous occasions, if any.	:	23.08.2019

	b) Date of site visit for this monitoring report		23.08.2019
15	Details of correspondence with project authorities for obtaining action plans / information on status of compliance to safeguards other than the routine letters for logistic support for site visits).	:	11.07.2019

ANNEXURE- {A}

SALIENT FEATURES OF THE PROJECT

JSW STEEL LIMITED (Formerly known as JSW Ispat Special Products Limited.) is located at village-Naharpali, 25 Km away from Raigarh (Chhattisgarh).

Salient features;

- ISO 9001:2015 14001:2015 & 45001:2018 Certified Company.
- Plant was established in the year 2008 with the identity of Monnet Ispat and Energy Limited.
- It is close to National Highway NH-200, nearest Railway Station is Kharsia which is 15 KM away and Airport is Jharsuguda (Odisha) about 84 KM away.
- Latitudes 21°58'27" & 21°59'30" & Longitudes 83°13'31" & 83°14'55" and height from mean Sea level is 219 m.
- Max. Temp.: 47 °C and Avg. Rainfall is 1400 mm (2022-23).
- Mahanadi River is the main source of water.

About the JSW Group

The JSW Group is known across the country as “Strategic first mover”. The company occupies a pivotal part of the O.P. Jindal Group that has emerged as an undisputable world leader in a short span of three decades. Some of the key elements that define the JSW Group are:

- JSW Group is spearheading initiatives in core sectors like Steel, Energy, Cement, Infrastructure, Ventures & Sports.
- It has a diverse workforce of over 40,000 individuals.
- The Group has proven to play a significant role in the growth of the country.

About JSW Steel Limited, Raigarh

JSW Steel Limited, Raigarh has an integrated Steel plant with a capacity of 1.75 MT of steel production per year through various production facilities. Since inception JSW is giving its first priority to conserve Environment by producing Steel and Iron. JSW Steel Limited has its corporate office at JSW Centre, near MMRDA Grounds, Kolivery Village, MMRDA Area, Bandra Kurla Complex, Bandra East, Mumbai, Maharashtra 400051.

JSW Steel Limited, Raigarh have following production configuration:

Sr. No.	Unit	Capacity installed	Capacity in EC
1	Sponge Iron unit (DRI klin-2x350 TPD & 4x350 TPD)	0.5 MTPA	0.7 MTPA
2	Palletization Plant	2.2 MTPA	2.2 MTPA
3	Sinter Plant	0.75 MTPA	0.75 MTPA
4	Blast Furnace	0.7 MTPA	1 MTPA
5	(Steel Plant) Electric Furnace	1.74 MTPA	1.74 MTPA
6	Rolling Mill & Plate Mill	1.20 MTPA	1.2 MTPA
7	Power Plant	170 MW	240 MW
8	Coal Benefication Plant	1 MTPA	1 MTPA
9	DG Sets	2X1500 KVA	1x3.8 MVA & 3X1500 KVA
10	Oxygen Plant	0.132 MTPA	0.132 MTPA

Board of Directors

The Board of JSW Steel Limited comprises following Directors:

1. Mr. Sajjan Jindal
2. Mr. Jayant Acharya
3. Mr. Gajraj Singh Rathore
4. Mr. Hiroyuki Ogawa
5. Dr. M.R.Ravi, IAS,
6. Mr. Seturaman. Mahalingam.
7. Mr. Halgreve Khaitan
8. Dr. (Mrs) Punita Kumar Sinhal
9. Mr. Harsh Charandas Mariwala
10. Mrs. Nirupama Rao
11. Ms. Fiona Jane Mary Paulus
12. Mr. Marcel Fasswald

ANNEXURE- {B}

ENVIRONMENT MANAGEMENT PLAN

Objectives of Environment Management Plan:

- To establish the present environmental scenario.
- To anticipate the impacts of proposed steel plant on the environment.
- To suggest preventive and mitigating measures to minimize adverse impacts and to maximize beneficial impacts.
- To prepare a detailed action plan for the implementation of mitigation measures.
- To prepare budgetary estimate for monitoring and implementation of environmental control measures for the project.

The environmental management plan is of great importance in controlling the adverse impact of any industrial activity. The Environment Management Plan consists of mitigation measures to be adopted, environmental monitoring and institutional measures (financial estimates and organizational set-up). The present EMP addresses the components of environmental effect during construction and operation by different activities. The proposed measures of mitigation are based upon the impact assessment. While formulating the EMP for this integrated steel plant project, following have been considered:

- 1.0 Existing environmental and operational activities
- 2.0 Air and water pollution
- 3.0 Work zone environment
- 4.0 Solid waste
- 5.0 Occupational hazard and safety
- 6.0 Environmental monitoring
- 7.0 Environmental management cost & organizational set-up

Careful planning and strategy adopted for the operation of a project is the reason for both economic growth as well as environmental protection. All efforts have been made to cover different parameters of the environment to achieve the goal. The following environmental management plans have been made under EMP.

1.0 EXISTING ENVIRONMENTAL AND OPERATIONAL ACTIVITIES

An environmental monitoring and control cell is established. The Environmental Cell is functioning under the control of the plant head. The cell is responsible for monitoring ambient air quality, stack emission, ambient noise in the plant and vicinity, waste water quality and discharge, quality of water bodies receiving effluent, workplace air quality. Additional responsibilities of the cell include the following:

- Submit environmental monitoring report to SPCB;
- Conduct regular training programs to educate plant personnel on safety practices to be followed in the plant;
- Conduct safety and health audits to ensure that recommended safety and health measures are being followed; and
- Inform the management regularly about conclusions/results of monitoring and recommend environmental protection measures.

2.0 AIR AND WATER POLLUTION

2.1 Air Environment Management:

The vision of JSW Steel Limited, Raigarh is deeply concerned with green & clean environment. Efforts have been taken to prevent any sort of pollution, generated due to plant activities. Opacity meters are installed in all the major stacks for continuous observation of the performance of pollution control devices. We have also established online ambient air quality monitoring stations for continuous ambient air quality monitoring through highly sophisticated instruments. Following Air pollution control measures have been taken across the units are as given below: -

Units	Air Pollution Control measures
SPONGE IRON DIVISION	<p>In Sponge Iron unit, raw materials like Iron ore, Dolomite and coal are fed to the kiln to produce sponge iron. Hot flue gases from DRI kilns contain high SPM level and heat. These are taken to dust chamber, which also acts as after combustion chamber for complete combustion and then to Waste Heat Recovery Boilers (WHRB).</p> <ul style="list-style-type: none">▪ Waste Heat Recovery Boilers are designed to recover sensible heat of waste gases leaving sponge iron kiln for generation of steam. Steam is fed to Steam Turbine Generator to produce power.▪ After heat exchange in WHRB, the flue gases are taken to Electrostatic Precipitator (ESP) and clean gases are discharged through stack.

CAPTIVE POWER PLANT	<p>In Power Plant, Atmospheric Fluidized Bed Combustion (AFBC) and Circulating Fluidized Bed Combustion (CFBC)' boilers are used to produce steam from coal having high ash content and other carbon bearing nonmagnetic materials like char, coal washery rejects, etc. The boilers produce 2x120 & 1x336 tons/ hour steam, which is fed to turbines to produce electricity.</p> <ul style="list-style-type: none"> ▪ Electrostatic Precipitators are provided to control the point source emission in power plant. ▪ Flue gases from boilers pass through ESP and thereafter discharged through the stack.
ROLLING MILL	<p>In Rolling mill / Bar mill, Steel bar and structural are produced and main raw materials are steel bloom, beam and blank.</p> <ul style="list-style-type: none"> ▪ Blast furnace gases and FO/LDO are used as fuel. ▪ There is no major dust generation source and stack is provided for wide dispersion of gases.
BLAST FURNACE	<p>In Blast Furnace, raw materials like iron ore, limestone, coke, dolomite, manganese ore and quartz are stored in raw material storage yard and fed to the blast furnace. Blast furnace is a vertical shaft, in which extremely high temperature is created to recover pure iron from iron ore.</p> <ul style="list-style-type: none"> ▪ TRT are made function to utilize waste gas of Blast furnace. ▪ Waste gas/dust generated during process is arrested through Dry Gas Cleaning system and clean air is discharged through stack. ▪ The BF gas emanating from blast furnace top contains dust. This gas is first passed through the dust catchers where a major portion of dust is eliminated and dust load comes down. ▪ This gas is further cleaned in bag filter system; where the dust is fully recovered and the pure gas after cleaning passes through the chimney.

SINTER PLANT	<p>Sinter plant is a straight grate type with circular cooler where raw materials like iron ore fines, limestone, dolomite and calcined lime are used as raw material. A sinter cake is produced as a result of baking and diffusion of solids on the sinter strand. The desired product size for the blast furnace is obtained in the crushing and screening station.</p> <ul style="list-style-type: none"> ▪ Electrostatic Precipitators are installed to control the point source emission from process area as well as material transfer points. ▪ Bag Filter are installed to check fugitive emission at material transfer points. ▪ Water sprinkler systems are installed to minimize the fugitive dust generation and road side/yards/
STEEL MELTING SHOP	<p>In Steel Melting Shop, steel slabs / billets and rounds are produced using electric arc furnace and raw materials are pig iron, sponge iron, scrap, ferroalloys, lime, burnt dolomite and fluxes.</p> <ul style="list-style-type: none"> ▪ Dust, fume generated from electric arc furnace (EAF) are being routed through fume extraction system (FES) and taken to after combustion chamber. ▪ The SPM bearing gases are passed through water cooled duct to bring down the temperature to 130 – 140 °C before entering a bag filter then discharged through stack. Similarly, the SPM bearing gases generated from the ladle refining furnace are collected using FES. ▪ The fugitive emission from the continuous casting machine shop is generally confined within the shed. ▪ To disperse the fugitive emissions outside the shed, adequate Ventilation is provided.
PELLET PLANT	<p>Pollution control measures have been envisaged for process gas and plant deducting to limit the dust content in outgoing gases to keep within the prescribed limit capacities.</p> <p>The plant is designed with electrostatic precipitators (ESPs) on the indurating process as discharge: Hood Exhaust & Wind box Exhaust</p> <ul style="list-style-type: none"> ▪ SP dust will be collected in a launder and discharged into a slurry sump. The hood exhaust ESP sump pumps will discharge to a plant thickener.

	<ul style="list-style-type: none"> ▪ The wind box exhaust ESP sump pumps will discharge to a sieve bend, which will remove coarse grit and pellet chips. The sieve bend slurry will discharge to the thickener. The oversize will be collected in a tote box. ▪ The hearth layer bin area of indurating machine will be combined with hood exhaust gases. ▪ To check fugitive emission during crushing, screening and charging, bag filters have been provided. ▪ All dust collected through bag houses, ESP is being recycled in the process.
COAL WASHERY	<p>At present coal Washery unit is not in operation, however following measure have been adopted for abatement of pollution.</p> <ul style="list-style-type: none"> ▪ Fine atomizer nozzles arrangement has been provided on the coal heaps and on the screen houses and near crushers. ▪ Water sprinkling will be done at all strategic coal transfer points such as conveyors, loading/unloading points, conveyor transfer points etc. ▪ Apart from this, we have a provision of bag filters at the coal crushers with adequate water sprinkling arrangement subjected on good fugitive emission control. Vehicular movement in the coal Washery area will be regulated effectively to avoid traffic congestion. ▪ Area, in and around the coal Washery will be made pucca either asphalted or concreted to reduce the fugitive emissions. ▪ Green belt is being developed around the coal Washery area.

2.2 Water Environment Management:

Management is very conscious for controlling water pollution and water conservation, for which, plant has adopted Close Water Circuiting arrangement to maintain 'Zero Discharge'. Water pollution sources and control systems envisaged are as given below-

Source	Pollutants	Control systems
Raw materials handling	Suspended Solids	Catch pits and garland drains
DM water plant	pH	Neutralizing pit
Cooling tower blow down	Temperature	Reused in the plant for dust suppression
Boiler blow down	Suspended Solids	Suppression and slag granulation

Canteens	BOD, Suspended Solids	Sewage Treatment Plant (STP)
Raw water treatment	Suspended Solids	Clarifier, thickener sludge
Blast furnace gas cleaning plant	Suspended Solids	Clarifier, recirculation of under flow
SMS and Wire rod mill	Suspended Solids & oil grease	Settling tanks with oil skimmers
Iron ore Palletization Plant	suspended solids/Slurry	Thickener

Various water pollution control measures have been taken, the measures taken across the units are summarized herewith-

Units	Water Pollution Control Measures
Sponge Iron Plant,	<ul style="list-style-type: none"> In DRI Kilns Cooling water is being recycled into the process by air cooling. Discarded cooling water is being utilized in other activities like dust suppression, ash conditioning, Kiln hot spot cooling, floor washing through drain system.
Power Plant	<ul style="list-style-type: none"> DM plant rejects is being neutralized in neutralizing pit and reused for ash conditioning purpose. Cooling tower blow-down water are reused for dust suppression at CHP yard, Coal cleaning in coal Washery plant and floor washing activities.
Rolling mill / Bar mill	<ul style="list-style-type: none"> Wastewater generated from rolling mill area is skimmed in scale pit and then recycled back into the system. Skimmed waste oil is sent to store for further disposal to authorized recycler. Recovered scale from pit is utilized in furnace for metal recovery.
Blast Furnace	<ul style="list-style-type: none"> GCP installed at Blast Furnace is working on dry gas cleaning process hence, there is no effluent generation. Cooling tower blow-down & softener spent re-generated water is being reused in Slag granulation, dust conditioning and dust suppression activities.
Sinter Plant	<ul style="list-style-type: none"> Cooling tower blow down is being used for sinter nodulizing process. Fresh water us only used to compensate the evaporation loss.

Steel Melting Shop EAF & Ladle furnace	<ul style="list-style-type: none"> Wastewater generated from SMS area is skimmed in scale pit and then recycled back into the system. CT Blow down water is reused for cooling and settle down the flue gas residue in High Temperature Quenching tower (HTQ). Skimmed waste oil is sent to store for further disposal to authorized recycler. Recovered scale from pit is utilized in furnace for metal recovery.
Pellet Plant	<ul style="list-style-type: none"> The water requirement in the pellet plant to maintain the moisture level in Green pellet which is fulfill by the reuse of Cooling Tower Blow down water. The same is also being utilized for Launder operation where all the dust is converted into slurry and taken to the thickener plant, where the water is separated from the iron ore fines and the clear water.
Coal Washery	<p>At present coal Washery unit is not in operation, however following measure have been adopted for abatement of water pollution.</p> <ul style="list-style-type: none"> Effluent from the Washery will be treated in effluent treatment plant and the treated effluent will be recirculated. The Washery will be worked as a Zero Discharge Unit. The media water after being used for Washery and all the suspended particulate matter would be squeezed and the clear water is recycled back to the process. The underflow concentrate from the thickener is pumped to the vacuum disc type filter. The filtrate along with any wash water is re-circulated back to the system thereby ensuring the close circuit of the system. The treated waste water will be under the prescribed limits and will be recycled back continuously thereby maintaining Zero Effluent Discharge from Coal Washery area.
Oxygen Plant	<p>Make-up water is added to substitute evaporation and drift loss. The blow-down will be used for slag granulation.</p>

Other Water Pollution Control Measures	<p>The following treatment and disposal measures have been planned.</p> <ul style="list-style-type: none"> ▪ The wastewater from water pre-treatment, containing high-suspended solids, has collected in a settling basin, where the suspended solids are settle down partly by gravity. ▪ The supernatant water is pumped back into the raw water reservoir. ▪ Blow down from the boilers is being collected in a sump and pumped back into the raw water reservoir. ▪ Blow down water from the cooling water system, containing suspended solids and high TDS, will be transferred to the ETP sump for stabilization, mixing and settling of coarser solids. ▪ Wastewater from the DM Plant is being neutralized in a neutralization tank and transferred to the ERS sump. ▪ Floor washings is being collected in a sump, passed through oil traps, and transferred to the ETP sump for mixing, stabilization and settling. ▪ Wastewater collected in the ERS sump will be subjected to clariflocculation and settling. The clear water is being utilized quantitatively for dust suppression and ash handling. ▪ Domestic water is being treated in a sewage treatment plant (STP) based on activated sludge process. The treated water will be utilized quantitatively for horticulture and green belt. ▪ In the sintering shop, the reclaimed water is discharged through the RCC pipe by itself to the hot water pond of the circular system and after cooled is used by recycling.
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3.0 WORK ZONE ENVIRONMENT

In operation phase noise and dust is often seen in work zone area. To Control and mitigation measures for abatement of dust emissions and noise level are as follows.

- Dust extraction systems, with bag filters have been installed at all transfer points and crushing/ grinding operations.
- Dust laden air is drawn through ID Fans, and passed through bag filters to bring down the dust content below 50 mg/Nm³. The clean air is discharged into the atmosphere.
- Raw materials and finished product are stored in covered sheds.

- Water sprinkling is done regularly over all open storage dumps of solid wastes and raw materials.
- Significant plantation and green belt development has been envisaged to mitigate the impact of fugitive dust on ambient air.
- Monitoring of the fugitive dust shall be carried out at various places within the project site to ensure compliance to.
- The equipment's with high noise such as crusher, air compressor and air blower has enclosed in soundproof rooms, vibration-reducing material shall be installed on the foundation, and mufflers shall be installed at entrances and exits.
- Rubber boards are lined at the corners of coal and coke carrying corridors, U-shaped sliding channels has been adopted for conveying to reduce noises from collision of materials.
- Noise isolation by landforms, high buildings and trees is also considered in the layout plan to reduce noise.
- Provision of silencer at inlet and outlet of fans.

4.0 SOLID WASTE MANAGEMENT

JSWISPL has implemented a very efficient solid waste management system to overcome all these problems. Type, sources and management of solid waste are summarised as follows-

UNITS	Solid Waste	Utilization/ Disposal Method
SPONGE IRON	Dolochar	Power Plant
	ESP + Bag Filter Dust	Brick manufacturing unit and filling of abandoned mines
	Kiln Accretion	Road making
POWER PLANT	Fly ash	Brick manufacturers, cement plant and filling of abandoned mines
	Bottom Ash	
SMS	EAF Slag	Crush and segregate into mag & non-mag slag through crushing unit. Mag slag is being re-cycled and rest non-mag slag is being used for land compaction/ road making etc.

	LRF Slag	Used in land filling/road embankment.
	FES Dust	Recycled in Sinter Plant
	Skull Generation	Reused back in Steel Melting Shop
BLAST FURNACE	BF Slag	Collected and sold to Cement Plant for utilisation in cement manufacturing.
	GCP Dust	Re-used in Sinter Plant by charging along with raw materials.
Bar Mill	End cutting/Mill scale	Reused in Sinter/SMS unit

Other control measures for solid waste:

- In this integrated steel plant, substantial fraction of input comes out as solid waste which is generally reused in other plants. The EAF and LRF generates considerable amount of solid waste, which may be used for landfill, road making, etc.
- Large quantity of solid waste is generated from power plant as ash, which is collected through ESP economizer and hopper. The fly ash will be sent to the clinker grinding unit for manufacture of cement and the remaining ash will be sent for disposal. No ash storage is proposed.
- Quantity of generated hazardous waste is being disposed-off to authorized recycler. However, even the limited quantities of generated oil/grease and resin can cause negative impact if not disposed-off appropriately.
- The other type of solid wastes generated will include the dust collected from dust collectors, empty barrels (metal and plastic), bags, sweepings and other biodegradable wastes from the canteen.

APPENDIX-B

A. Compliance status of the Environment clearance granted for the integrated Steel Plant vide dated F. No. J11011/196/2007- IA II (I) dated 26th Dec, 2007

Sr. No	Condition	Compliances Report (April 2023 to September 2023)
A.	SPECIFIC CONDITIONS	
i.	Efforts shall be made to reduce RSPM levels in the ambient air and a time bound action plan shall be submitted. Online stack monitoring facilities for all the stacks and sufficient air pollution control methods to control emissions from the kiln and WHRB shall be provided viz. Electrostatic precipitation (ESP) and bag filters etc. to keep emissions level below 100mg/Nm ³ . Gas cleaning plant (GCP) and Ventury Scrubbers shall be provided to blast furnace (BF). The BF gases shall be cleaned in gas cleaning system (GCS) and used in AFBC power plant. Kiln Off gases shall be used as fuel in the waste heat recovery boiler (WHRB).	<p>Complied</p> <ul style="list-style-type: none"> • Pollution control equipment like ESP, Bag filters has installed at all the process stacks, All the transfer points are equipped with adequate water sprinkling system to keep emission level within prescribed limits. • Particulate matter emission from all the stacks is being maintained well within prescribed limit. • Continuous emission monitoring system facilities has also provided to all process stacks. • Scrubber and GCP Installed in Blast Furnace. Blast furnace exhaust gases are routed through Gas cleaning plant (GCP), further utilizes as a fuel in re-heating furnaces and Palletization plant. • Kiln off gases is being utilized as a fuel in the waste heat recovery boiler (WHRB).
ii	Secondary fugitive emissions from blast furnace and sinter plant shall be controlled within the latest permissible limits issued by the ministry and regularly monitored. Guidelines/Code of practice issued by the CPCB shall be followed.	<p>Complied</p> <p>Central de-dusting system has been provided in Blast furnace cast house and stock area to control secondary fugitive emission.</p> <p>In Sinter plant, adequate and highly efficient Bag filters have been installed in material transfer points to control the secondary fugitive emission.</p>
iii	Total requirement of the water from Mahanadi River shall not exceed 37,340 m ³ /day. Acidic and alkaline wastewater from demineralization unit shall be neutralized in neutralization tank.	<p>Complied.</p> <p>Water requirement is not exceeding the permissible limit.</p> <p>Acidic and alkaline wastewater from demineralization is being neutralized in</p>

	<p>The wastewater from gas cleaning plant (GCP) of BF plant shall be treated in thickener to remove SS and recycled. As reflected in the EIA/EMP report, the wastewater generated from the various units shall be properly recycled and reused in the process and for cooling, palletizing, slag granulation, horticulture etc. The wastewater from coal beneficiation plant shall be reused for ash slurry preparation for the disposal of ash generated from AFBC boiler. No wastewater shall be discharged outside the premises and 'Zero' discharge shall be strictly followed as proposed. The domestic effluent shall be treated in septic tank followed by soak pits and used for green belt development.</p>	<p>neutralization pit.</p> <p>The wastewater generated from Blast Furnace is being recycled and reuse in slag granulation activity.</p> <p>Waste water generated from the various units is being collected in settling tank and is being utilized in dust suppression at material storage yards, pellet granulation and horticulture purposes in localized area.</p> <p>Domestic effluent is treated in STP and treated waste water is utilized in green belt development activities.</p>
iv	<p>Prior permission for the drawl of ground as well as surface water from Mahanadi river from the state ground water Board/ Central Ground Water Authority / concerned Department shall be obtained.</p>	<p>Complied.</p> <p>Permission for drawl of ground water from CGWA/CGWB have been granted vide NOC CGWA/NOC/IND/REN/1/2023/7972; date of Issue 28.06.2023, valid up to 02.03.2025. and also permission granted from Water Resource Department (C.G.) for surface water drawl. Copy of the same is attached hereby. Annexure-I.</p>
v	<p>All the char from DRI plant shall be utilized in AFBC Boiler of power plant and no char shall be disposed-off anywhere else. The other entire solid / hazardous waste generated shall be properly utilized or disposed of in environment friendly manner. ESP fly ash and bag filter shall be made available to the cement plants and brick making plants whereas bottom ash shall be disposed-off in a suitably designed landfill as per CPCB guideline to prevent leaching to the sub-soil and underground aquifer. Mill scale shall be reused in Ferro alloy/ pig iron furnace. The liquid slag shall be granulated in cast house granulation unit and given to cement plants/ brick manufacturers for further utilization. Non-granulated slag shall be used in making roads. DM resin shall be disposed in properly cemented pit. Waste oil and lubricant shall be sold to authorized</p>	<p>Complied</p> <ul style="list-style-type: none"> ▪ All the char from generated from DRI plant is being utilized in AFBC Boiler in Captive power unites. ▪ Hazardous waste disposed-off to only CPCB Authorized vendor. ▪ Fly ash /ESP dust is being supplied to bricks/ blocks manufactures, cement manufactures and to fill abandoned stone mine quarries. ▪ Mill scale generated from Rolling mill is used in the SMS unit. ▪ Granulated slag generated from Blast Furnace unit is being supplied to cement manufacturing unit. ▪ Non granulated slag generated from SMS, metal is recovered and recycled into the process, rest crushed and utilized for road

	recyclers. Kiln accretions shall be utilized for filling low lying areas. ETP sludge shall be used in brick making and filling low lying areas.	<p>embankment purpose.</p> <ul style="list-style-type: none"> ▪ No DM resin were generated during the period. ▪ Used oil/ used lubricants is being sold out to authorized recycler/vendor. ▪ Kiln accretion is utilized as land filling for low lying areas. ▪ Sludge generated from water treatment plant is used as a soil conditioner in horticulture activities.
vi	All the fly ash shall be utilized as per fly Ash Notification. 1999 and subsequently amendment in 2003.	<p>Complied.</p> <p>Fly ash generated from power generation units is being utilized 100% in brick, cement manufacturing Unit, ash utilized for filling of abandoned stone quarry with prior permission of state pollution control board.</p>
vii	Green belt shall be developed in at least 33% within and around the plant premises as per the CPCB guidelines in consultation with DFO.	<p>Complied</p> <p>Green belt area has-been developed is more than 33%.</p> <p>In the compliance period we have planted 5000 no's plants in and around our premises including fruit bearing saplings.</p>
viii	Prior permission from the state forest department shall be taken regarding likely impact of the expansion of the proposed steel plant on the surrounding reserve forests viz. Rabo RF (0.92 Km, NE), Bansajhar RF (6.07Km, SW), Burha pahar (6.64 Km, W), Kenmura PF (2.64 Km, SW), Bendojhariya PF (5.11 Km, SW)	Noted & Agreed.
ix	All the recommendations made in the charter on Corporate Responsibility for Environment protection (CREP) for the steel sector shall be strictly implemented.	Noted & Agreed.
B. GENERAL CONDITIONS		
i	The project authorities must strictly adhere to the stipulations made by the Chhattisgarh Environment	Agreed.

	Conservation Board (CECB) and the state Government.	All the stipulations made by the Chhattisgarh Environment Conservation Board (CECB) and the state Government are being followed.
ii	No further expansion or modifications in the plant should be carried out without prior approval of the Ministry of Environment and forests.	Agreed.
iii	The gaseous emissions from various process units shall conform to the load/mass based standards notified by this ministry on 19th May 1993 and standards prescribed from time to time. The state board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location. At no time the emission level shall go beyond the prescribed standards. On-line continuous monitoring system shall be installed in stacks to monitor SPM and interlocking facilities shall be provided so that process can be automatically stopped in case emission level exceeds the limit.	<p>Complied.</p> <p>High efficiencies ESP and Bag Filters installed at all process and transfer points to keep emission level within the prescribed norms. Apart from these, dust suppression system is installed to control fugitive dust from transfer points.</p> <p>Online continuous Emission monitoring system installed at all stacks.</p>
iv	In plant control measures for checking fugitive emissions from all the vulnerable sources like spillage/raw materials/coal handling etc. shall be provided. Further specific measures like provision of dust suppression system consisting of water sprinkling, suction hoods, fans and bag filters etc., shall be installed at material transfer points, blast furnace stock, house and other enclosed raw material handling areas. Centralized De-Dusting System for collection of fugitive emissions through suction hood and subsequent treatment through bag filter or any other device and finally emitted through a stack of appropriately designed height conforming to the standards for induction furnaces existing in the industry and proposed induction and arc furnaces. Fugitive emissions shall be regularly monitored and records maintained.	<p>Complied.</p> <p>Adequate Bag filters have been provided at all material transfer points and other enclosed raw material handling areas.</p> <p>Water sprinkling systems have been provided at conveyors, storage yards and raw material handling areas to check fugitive dust.</p> <p>In addition to the above, water sprinklers are also provided on haul areas, leading to yards.</p> <p>Centralized de-dusting system has been installed at stock house, cast house area to collect the fugitive dust.</p> <p>Pneumatic dust extraction system has been provided to check the fugitive dust while conveying the collected dust from pollution control equipment.</p>
v	At least four ambient air quality monitoring stations should be established in the downward direction as	<p>Complied.</p> <p>Four Online Ambient Air Quality Monitoring</p>

	well as where maximum ground level concentration of SPM, SO ₂ and NO _x are anticipated in consultation with the CECB. Data on ambient air quality and stack emissions should be regularly submitted to this Ministry including its Regional Office at Bhopal and the CSEB / CPCB once in six months.	<p>Stations are placed in four directions of the plant as suggested by the CECB which is interconnected with CECB/CPCB website. Monitoring data of the stations is being submitted regularly to CECB, Regional office at Raigrah & head office, Raipur and CPCB Delhi.</p> <p>Apart from the above, ambient air quality and stack monitoring report is being submitted to the board on monthly basis and six monthly to MoEF&CC Regional office, Nagpur and CPCB Bhopal. Copy of the same is attached herewith as Annexure-IIA & IIB.</p>
vi	Industrial waste water shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May 1933 and 31st December 1933 or as amended from time to time. The treated waste water shall be utilized for plantation purpose.	<p>Complied.</p> <p>Acidic and alkaline wastewater from demineralization is being neutralized in neutralization pit and reused in dust suppression.</p> <p>Waste water generated from the various units is being collected in settling tank and is being utilized in dust suppression at material storage yards, pellet granulation and horticulture purposes in localized area.</p> <p>Domestic effluent is treated in STP and treated waste water is utilized in green belt development activities.</p>
vii	The overall noise levels in and around the plant area shall be kept well within the standards (85dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should confirm to the standards prescribed under EPA Rules, 1989 viz 75 dB A (day-time) and 70 dB A (night-time)	<p>Complied</p> <p>As a control measures, silencers and enclosures have been provided at all noise generating sources and as a secondary control measure PPE's like Earplugs/earmuff have been provided to the personals working in high noise prone areas. Regular monitoring of noise level is also in practice. Massive thick plantation is in and around the plant to control noise level. Annexure-IIIA</p>
viii	Occupational Health Surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act.	<p>Complied.</p> <p>Regular health check-up of all workers is being carried out and record is being maintained. Annexure-IV</p>

ix	The Company shall develop surface water harvesting structures to harvest the rainwater for utilization in the lean season besides recharging the ground water table.	Complied. All the surface runoff drains are interconnected into the pit for water harvesting which recharge the ground water and is being utilized for dust suppression system and horticulture.
x	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA. / EMP report. Further the company must undertake social-economic development activities in the surrounding villages community development programs, educational programs, drinking water supply and health care etc.	Complied. We are committed to comply with all environmental protection measures and safeguards recommended in EIA/EMP report. We also undertake socioeconomic activities in nearby villages and focus areas are as education, health, infrastructure, sustainable livelihood and social issues.
xi	The project authorities shall also provide adequate funds both recurring and non-recurring to implement the conditions stipulated the Ministry of Environment and Forest as well as the state Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided should not be diverted for any other purpose.	Complied. Separate funds have been allocated for environmental protection measures and implementing the conditions stipulated by MoEF&CC and State Boards.
	The Regional Office of this Ministry at Bhopal / CPCB/ CECB will monitor the stipulated conditions. A six monthly compliance report and the monitored data along with statistical interpretation shall be submitted to them regularly.	Complied. Agreed. Six monthly compliance reports along with monitoring data are being submitted to the Ministries regional office in soft copies regularly. Last compliance report submitted vide letter no. JSWISPL/EMD/NP/534/2023; Date: 26.05.2023 submitted on dated 30.05.2023
xiii	The project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the CSEB and may also be seen as website of the Ministry of Environment and Forests at http://enfor.nic.in This shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional Office.	Complied
ix	Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure	Noted please

	and final approval of the project by the concerned authorities and the date of commencing the land development work.	
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B. Compliance Status Report of the condition stipulated in Environmental Clearance for amendment in Environmental Clearance for inclusion of Oxygen Plant vide letter no. F. No. J-11011/196/2007 IA II (I) date: 31st March, 2011

No	Condition	Status as on Status as on 31.03.2023
1.	Data on ambient air, stack and fugitive emissions shall be regularly submitted online to Ministry's Regional office at Bhopal, SPCB and Central Pollution Control Board as well as hard copy once in six months and display data on RSPM, SO ₂ , and NO _x outside the premises at the appropriate site for the general public.	Complied. Environmental monitoring data is being submitted to CECB regularly as well as six monthly compliance reports is also submitted to regional office within stipulated time. Apart from the above, monitoring report of the same is being displayed at outside of the company's main gate for public domain. Annexure-V
2.	The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826 (E) dated 16th November, 2009 shall be followed.	Complied. Ambient Air Quality monitoring data are within the prescribed norms. Annexure-IIA
3.	The project proponent shall also submit six monthly reports on status of the compliance of stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Bhopal/CPCB/SPCB shall monitor the stipulated conditions.	Complied. Six monthly compliance reports along with monitoring data are being submitted to the Ministries regional office in soft copies regularly. Last compliance report submitted vide letter no. JSWISPL/EMD/NP/534/2023; Date: 26.05.2023 submitted on dated 30.05.2023.
4.	The environmental statement for each financial year ending on 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environmental (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	Complied. The environmental statement and status of compliance of environmental conditions is being submitted to the State Pollution Control Board, Raipur and Regional office, MoEF, Nagpur in stipulated time frame. Last Environmental Statement has been submitted vide letter no JSWSTEEL/EMD/562/2023; dated: 30.09.2023. Status of compliance of environmental conditions along with monitoring report have also been published in company's website at https://www.jswsteel.in/investors/jsw-steel-investor-information-environmental-clearances Details attached as Annexure-VI

5.	At least 2% of the total cost of the project (increased cost after amendment) shall be embarked towards the corporate social responsibility and item-wise details along with time bound action plan should be prepared and submitted to the Ministry's Regional Office at Bhopal. Implementation of such program should be ensured accordingly in a time bound manner.	Noted
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C. Compliance Status Report of the condition stipulated in Environmental Clearance for change of boiler configuration in Integrated Steel Plant (1.75 MTPA) and Captive Power Plant (240 MW) of JSWISPL, Naharpali vide letter no. F. No. J-11011/196/2007 – IA II (I) dated 13th April, 2017

SN	Specific Condition	Status as on 31.03.2023
1.	The project proponent should install 24x7 air monitoring devices to monitor air emission and submit report to Ministry and its Regional Office.	Complied. Online ambient air quality monitoring system as well as continuous emission monitoring system in all stacks has been Installed and real time data is hook-up with the CPCB server. Apart from above, Air quality and emission monitoring report is being submitted to ministry and regional office regularly.
2	All conditions stipulated in the earlier ECs granted to the project should be strictly adhered to.	Complied.
3	Total quantum of dust release and pollution which is being released today has to be maintained even after increase in the pellet plant capacity.	Complied. ESP and Bag Filter installed at Pellet Plant area of adequate capacity and efficient to handle the additional pollution load as prescribed and keep it in within the prescribed norms all the time.
General Condition		
1	The project authorities must strictly adhere to the stipulations made by the Chhattisgarh Pollution Control Board and the State Government.	Agreed and followed.
2	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 & Agreed
3	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM ₁₀ , PM _{2.5} , SO ₂ and NO _x are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Nagpur and the SPCB/CPCB	Complied. There are four Online Ambient Air Quality Monitoring Stations are placed in four directions of the plant as suggested by the CECB which is interconnected with CECB/CPCB website. Monitoring data of the stations is being submitted monthly to CECB, Regional office at Raigarh and

	once in six months.	CECB, head office, Raipur. Copy of the same is enclosed herewith as Annexure-IIA
4	Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31 st December 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.	Complied. Waste water generated from the various units is being collected in settling tank and is being utilized in dust suppression at material storage yards, pellet granulation and horticulture purposes in localized area. Domestic effluent is treated in STP and treated waste water is utilized in green belt development activities. Copy of analysis report is enclosed in Annexure III (B)
5	The overall noise levels in and around the plant area shall be kept well within the standards (85dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 Liz.75 dBA (daytime) and 70 dBA (nighttime).	Complied. As a control measures, silencers and enclosures have been provided at all noise generating sources and as a secondary control measure PPE's like Earplugs/earmuff have been provided to the personals working in high noise areas. Monitoring of noise level is done on monthly basis and report of the same is submitted to the board regularly. Copy of the Monthly report is enclosed herewith as annexure-IIIA
6	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Complied. Regular health check-up of all workers is being carried out and record is being maintained. Please refer Annexure-IV .
7	The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	Complied. All the surface runoff drains are interconnected into the pit for water harvesting which recharge the ground water and is being utilized for dust suppression system and horticulture.
8	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development prograrnmes, educational programmes, drinking water supply & health care etc.	Complied. We are committed to comply with all environmental protection measures and safeguards recommended in EIA/EMP report. We also undertake socioeconomic activities in nearby villages and focus areas are as education, health, infrastructure, sustainable livelihood and social issues.
9	Requisite funds shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change (MoEFCC) as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein	Complied. Separate funds have been allocated for environmental protection measures and apart from the onetime capital expenditure every year recurring fund have been provided for implementing the conditions stipulated by MoEF&CC and State Boards.

	shall be submitted to the Regional Office of the Ministry at Nagpur. The funds so provided shall not be diverted for any other purpose.	
10	A copy of clearance letter shall be sent by the proponent to concerned panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the Local NGO, If any from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	Agreed
11	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEFCC at Nagpur. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM ₁₀ , SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain	<p>Complied.</p> <p>The criteria pollutant levels namely; PM₁₀, SO₂, NO_x (ambient levels as well as stack emissions) is being monitored and displayed at main gate of the company in the public domain. Details is attached as Annexure-V.</p> <p>The data along with compliance report have also been published in company's website at https://www.jswsteel.in/investors/jsw-steel-investor-information-environmental-clearances</p> <p>Details is Attached as Annexure-VI</p>
12	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEFCC, the respective Zonal Office of CPCB and the SPCB, The Regional Office of this Ministry at Nagpur / CPCB / SPCB shall monitor the stipulated conditions.	<p>Complied.</p> <p>Six monthly compliance reports along with monitoring data are being submitted to the Ministries regional office in soft & hard copies regularly. Last compliance report submitted vide letter no. JSWISPL/EMD/NP/534/2023; Date: 26.05.2023 submitted on dated 30.05.2023.</p>
13	The environmental statement for each financial year ending 31 st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequent shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MOEFCC at Nagpur by e-mail.	<p>Complied.</p> <p>The environmental statement and status of compliance of environmental conditions is being submitted to the State Pollution Control Board, Raipur. Last Environmental Statement has been submitted vide letter no. Last Environmental Statement has been submitted vide letter no JSWSTEEL/EMD/562/2023; dated: 30.09.2023.</p> <p>Status of compliance of environmental conditions also sent to the respective Regional Office of the MOEFCC at Nagpur by via email dated, Sep, 2022</p>
14	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the	The Environmental Clearance had been made public via local newspapers.

	clearance letter are available with the SPCB and may also be seen at Website of the Ministry of Environment, Forests and Climate Change (MoEF&CC) at http://envfor.tic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office at Nagpur.	
15	Project authorities 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 and the date of commencing the land development work.	Agreed

Annexure-I



भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन, नदी विकास
और गंगा संरक्षण विभाग
केन्द्रीय भूमि जल प्राधिकरण
Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development & Ganga Rejuvenation
Central Ground Water Authority

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)

NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Project Name:	Monnet Ispat And Energy Limited		
Project Address:	Naharpali		
Village:	Naharpali	Block:	Kharsia
District:	Raigarh	State:	Chhattisgarh
Pin Code:			
Communication Address:	Village And Post-naharpali, Tehsil- Kharsia, Kharsia, Raigarh, Chhattisgarh - 496661		
Address of CGWB Regional Office :	Central Ground Water Board North Central Chhattisgarh, 2nd Floor, Lk Corporate And Logistic Park, Dhamtari Road, Nh-30, Dumartarai, Raipur, Chhattisgarh - 492015		

1.	NOC No.:		CGWA/NOC/IND/REN/1/2023/7972				2.	Date of Issuance		28/06/2023					
3.	Application No.:		21-4/1777/CT/IND/2018				4.	Category: (GWRE 2022)		Safe					
5.	Project Status:		Existing Ground Water				6.	NOC Type:		Renewal					
7.	Valid from:		03/03/2022				8.	Valid up to:		02/03/2025					
9.	Ground Water Abstraction Permitted:														
Fresh Water			Saline Water			Dewatering			Total						
m³/day		m³/year		m³/day		m³/year		m³/day		m³/year		m³/day		m³/year	
400.00		146000.00													
10.	Details of ground water abstraction /Dewatering structures														
Total Existing No.:10								Total Proposed No.:0							
			DW	DCB	BW	TW	MP	MPu	DW	DCB	BW	TW	MP	MPu	
Abstraction Structure*			0	0	10	0	0	0	0	0	0	0	0	0	
*DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit;MPu-Mine Pumps															
11.	Ground Water Abstraction/Restoration Charges paid (Rs.):							1046600.00							
12.	Number of Piezometers(Observation wells) to be constructed/ monitored & Monitoring mechanism.					No. of Piezometers		Monitoring Mechanism							
Manual								DWLR**		DWLR With Telemetry					
**DWLR - Digital Water Level Recorder						1		0		1		0			

(Compliance Conditions given overleaf)

This is an auto generated document & need not to be signed.

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011

Phone: (011) 23383561 Fax: 23382051, 23386743

Website: cgwa-noc.gov.in

पानी बचाये - जीवन बचाये
SAVE WATER - SAVE LIFE

Validity of this NOC shall be subject to compliance of the following conditions:

Mandatory conditions:

- 1) Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) shall be mandatory for all users seeking No Objection Certificate and intimation regarding their installation shall be communicated to the CGWA within 30 days of grant of No Objection Certificate.
- 2) Proponents shall mandatorily get water flow meter calibrated from an authorized agency once in a year.
- 3) Construction of purpose-built observation wells (piezometers) for ground water level monitoring shall be mandatory as per Section 14 of Guidelines. Water level data shall be made available to CGWA through web portal. Detailed guidelines for construction of piezometers are given in Annexure-II of the guidelines.
- 4) Proponents shall monitor quality of ground water from the abstraction structure(s) once in a year. Water samples from bore wells/ tube wells / dug wells shall be collected during April/May every year and analysed in NABL accredited laboratories for basic parameters (cations and anions), heavy metals, pesticides/ organic compounds etc. Water quality data shall be made available to CGWA through the web portal.
- 5) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.
- 6) In case of mining project the firm shall submit water quality report of mine discharge/ seepage from Govt. approved/ NABL accredited lab.
- 7) The firm shall report compliance of the NOC conditions online in the website (www.cgwa-noc.gov.in) within one year from the date of issue of this NOC.
- 8) Industries abstracting ground water in excess of 100 m³/d shall undertake annual water audit through certified auditors and submit audit reports within three months of completion of the same to CGWA. All such industries shall be required to reduce their ground water use by at least 20% over the next three years through appropriate means.
- 9) Application for renewal can be submitted online from 90 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment (Protection) Act, 1986.
- 10) This NOC is subject to prevailing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / recharge or conservation structure/discharge of effluents or any such matter as applicable.

General conditions:

- 11) No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).
- 12) The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).
- 13) Proponents shall install roof top rain water harvesting in the premise as per the existing building bye laws in the premise.
- 14) The project proponent shall take all necessary measures to prevent contamination of ground water in the premises failing which the firm shall be responsible for any consequences arising thereupon.
- 15) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.
- 16) Wherever feasible, requirement of water for greenbelt (horticulture) shall be met from recycled / treated waste water.
- 17) Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any.
- 18) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.
- 19) In case of violation of any NOC conditions, the applicant shall be liable to pay the penalties as per Section 16 of Guidelines.
- 20) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities.
- 21) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.
- 22) In case of change of ownership, new owner of the industry will have to apply for incorporation of necessary changes in the No Objection Certificate with documentary proof within 60 days of taking over possession of the premises.
- 23) This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/court orders in cases related to ground water or any other related matters.
- 24) Proponents, who have installed/constructed artificial recharge structures in compliance of the NOC granted to them previously and have availed rebate of upto 50% (fifty percent) in the ground water abstraction charges/ground water restoration charges, shall continue to regularly maintain artificial recharge structures.
- 25) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, pharmaceutical, other hazardous units etc. (as per CPCE list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution as per Annexure III of the guidelines.
- 26) In case of new infrastructure projects having ground water abstraction of more than 20 m³/day, the firm/entity shall ensure implementation of dual water supply system in the projects.
- 27) In case of infrastructure projects, paved/parking area must be covered with interlocking/perforated tiles or other suitable measures to ensure groundwater infiltration/harvesting.
- 28) In case of coal and other base metal mining projects, the project proponent shall use the advance dewatering technology (by construction of series of dewatering abstraction structures) to avoid contamination of surface water.
- 29) The NOC issued is conditional subject to the conditions mentioned in the Public notice dated 27.01.2021 failing which penalty/EC/cancellation of NOC shall be imposed as the case may be.
- 30) This NOC is issued subject to the clearance of Expert Appraisal Committee (EAC) (if applicable).

(Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)

CENTRAL GROUND WATER AUTHORITY

Department of Water Resources, River Development and Ganga Rejuvenation
Ministry of Jal Shakti, Govt. of India

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011

Phone: (011) 23383561 Fax: 23382051, 23386743

Website: cgwa-noc.gov.in

पानी बचाये – जीवन बचाये
SAVE WATER - SAVE LIFE

Receipt

(As per the guideline Gazette Notification S.O. 3281(E) regarding the New Guidelines dated 24.09.2020 of CGWA, MoJS, Govt. of India)
<https://cgwa-noc.gov.in>

Application No.:	21-4/1777/CT/IND/2018		
Name of Firm:	MONNET ISPAT AND ENERGY LIMITED		
AppType Category:	Steel Industry		
Application Type:	Industrial		
PAN/GSTIN No. of Firm/Individual:	/		

S N	Description	Amount (Rs.)
1.	Application Processing Fee	5000.00
2.	Ground Water Abstraction /Restoration charges	1046600.00
3.	Environmental Compensation Charges (ECRGW) (Date From to) Days-	
4.	Penalty for non-Compliance of NOC conditions Condition to be mentioned	0.00
Rs. Rupees Ten Lakh Fifty One Thousand Six Hundred Only		1051600.00

This is an system generated invoice, hence, does not require ink signed.

छत्तीसगढ़ शासन
जल संसाधन विभाग,
मंत्रालय, रायपुर

क्रमांक
प्रति,

4555

/29/31/93/म/औजप्र/डी-4,

रायपुर, दिनांक 28/09/2004

✓ मुख्य अभियंता,
हसदेव कछार,
जल संसाधन विभाग,
बिलासपुर (छ.ग.)

विषय- मेसर्स मोनेट इस्पात लिमिटेड द्वारा रायगढ़ के समीप प्रस्तावित केप्टिव पॉवर प्लांट के साथ इंटीग्रेटेड स्टील प्लांट को महानदी से 5 एम.जी.डी. (लगभग 8.30 मिलियन घन मीटर वार्षिक) जल आबंटन की निश्चित स्वीकृति ।

संदर्भ-1. मंत्रालयीन पत्र क्रं.-5594/29/31/93/म/औजप्र/डी-4, रायपुर, दिनांक 01.09.2003 ।
2. आपका पत्र क्रं.-911/21/मा/प्र-2/बिलासपुर, दिनांक 08.07.2004 । (C-57)

-00-

विषयांतर्गत प्रकरण में छत्तीसगढ़ शासन, जल संसाधन विभाग के संदर्भित पत्र क्रमांक-1 द्वारा जारी 5 एम.जी.डी. जल आबंटन की सैद्धांतिक स्वीकृति के तारतम्य में मोनेट इस्पात लिमिटेड द्वारा रायगढ़ के समीप प्रस्तावित केप्टिव पॉवर प्लांट के साथ इंटीग्रेटेड स्टील प्लांट हेतु महानदी से उसके तट पर स्थित ग्राम बालपुर के पास से 5.00 मिलियन गैलन प्रतिदिन (लगभग 8.30 मिलियन घन मीटर वार्षिक) जल-आहरण की निश्चित स्वीकृति, निम्नलिखित शर्तों के आधार पर दी जाती है :-

1. महानदी के निर्धारित स्थल से संस्थान के कार्यस्थल तक पानी ले जाने हेतु आवश्यक व्यवस्था (नदी में इंटेक वेल का निर्माण, पाईप लाइन बिछाना आदि), जल संसाधन विभाग के अनुमोदन उपरान्त संस्थान स्वयं के व्यय से करेगा एवं इस संबंध में आवश्यक भू-अर्जन एवं अन्य जो भी समस्या आयेगी उसका निराकरण संस्थान स्वयं के व्यय पर स्वयं करेगा ।

संस्थान द्वारा आहरित जल की मात्रा के माप हेतु, संस्थान द्वारा नदी में निर्मित-किए जाने वाले इंटेक वेल में इलेक्ट्रानिक माप यंत्र लगाया जायेगा, जिसका जल संसाधन विभाग द्वारा समय-समय पर निरीक्षण (सत्यापन) किया जायेगा ।

3. संस्थान द्वारा जल आहरण स्थल के ऊपर एवं नीचे आसपास के ग्रामवासियों के पूर्व में स्थापित तटीय अधिकारों (Riparian Rights) की रक्षा की जायेगी तथा निचले क्षेत्र में निस्तार आदि हेतु सतत जल-प्रवाह रखा जायेगा ।

4. किसी कारणवश नदी में जल की कमी होने पर शासन इसके लिये जवाबदार नहीं होगा एवं इसके लिए शासन के विरुद्ध किसी प्रकार का दावा मान्य नहीं होगा ।

MONNET ISPAAT & ENERGY LIMITED

Executive Engineer
Water Resources Division
L. IG. M. (C. & I.)

(AUTHORISED SIGNATORY)

5. संस्थान, उपयोग पश्चात अपने संयंत्र से निस्सारित जल का रि-साइकलिंग करके इसका उपयोग करेगा तथा राज्य प्रदूषण नियंत्रण मंडल के नियमों के अनुसार निस्सारित करेगा ताकि नदी के निचले भाग के क्षेत्र में जल प्रदूषण की कोई समस्या उत्पन्न न हो।
6. संस्थान द्वारा जल आहरण प्रारंभ करने के पूर्व शासन के निर्धारित प्रपत्र-7 (क) में, शासन के अनुमोदन पश्चात् जल संसाधन विभाग से अनुबंध किया जायेगा।
7. संस्थान, छत्तीसगढ़ शासन द्वारा वर्तमान में निर्धारित एवं भविष्य में समय-समय पर निर्धारित किये जाने वाली बढ़ी हुई औद्योगिक जल-दरों एवं औद्योगिक जल प्रदाय से संबंधित अन्य जल करों (कमिटमेंट चार्जस आदि) का नियमानुसार भुगतान जल संसाधन विभाग को करेगा तथा यह दरें संस्थान पर बंधनकारी होंगी।
8. संस्थान को आबंटित कुल 5 एम.जी.डी. (लगभग 8.30 मि.घ.मी. वार्षिक) जल उपयोग की अनुमति के परिपेक्ष्य में उनके द्वारा वास्तविक रूप से उपयोग किये गये जल की मात्रा की समय-समय पर समीक्षा की जायेगी।
9. संस्थान को इस स्वीकृति के जारी होने के दिनांक से 4 वर्षों के अंदर जल का उपयोग प्रारंभ करना होगा एवं उपरोक्तानुसार समस्त शर्तों का पालन करना होगा, अन्यथा यह स्वीकृति निरस्त मानी जावेगी।

सहपत्र:-0

(सरजियस मिंज)
प्रमुख सचिव, 21/9/04
जल संसाधन विभाग,
मंत्रालय, रायपुर


पृ० क्रमांक
प्रतिलिपि:-

/29/31/93/म/औजप्र/डी-4, रायपुर, दिनांक /09/2004

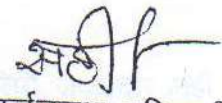
1. प्रमुख अभियंता, जल संसाधन विभाग, रायपुर की ओर संदर्भित पत्रों के परिपेक्ष्य में सूचनार्थ एवं आवश्यक कार्यवाही हेतु अग्रेषित।
2. संयोजक सह प्रमुख सचिव, राज्य निवेश प्रोत्साहन बोर्ड, मंत्रालय के पास (रेणुका द्वार), शास्त्री चौक, रायपुर,
3. अपर प्रबंध संचालक, सी.एस.आई.डी.सी.बी-4, एम.आर.कालोनी, शैलेन्द्र नगर, रायपुर, एवं
4. मुख्य कार्यकारी, मोनेट इस्पात लिमिटेड, चंदखुरी मार्ग, मंदिर हसौद (रायपुर), की ओर संदर्भित पत्र क्रमांक-1 के पृष्ठांकन के परिपेक्ष्य में सूचनार्थ अग्रेषित।

सहपत्र:-0

MONNET ISPAT & ENERGY LIMITED


Executive Engineer
Water Resources Division
Raipur

(AUTHORISED SIGNATORY)


विशेष कर्तव्यस्थ अधिकारी,
जल संसाधन विभाग,
मंत्रालय, रायपुर

Annexure-IIA
JSW Steel Limited
Naharpali, Raigarh
AMBIENT AIR QUALITY MONITORING REPORT
PERIOD: APRIL -2023 TO SEPTEMBER -2023

Station Name / parameter	CAAQMS-I (Bachelor Hostel)					CAAQMS-II (Oxygen Plant)					CAAQMS-III (Main Gate)					CAAQMS-IV (Near CECB office)				
	PM ₁₀	PM _{2.5}	CO	SO ₂	NO _x	PM ₁₀	PM _{2.5}	CO	SO ₂	NO _x	PM ₁₀	PM _{2.5}	CO	SO ₂	NO _x	PM ₁₀	PM _{2.5}	CO	SO ₂	NO _x
MONTH	<i>Prescribed Standard (Values in µg/m³): PM₁₀-100.0, PM_{2.5}-60.0, CO- 2.0 mg/m³, SO₂-80.0, Nox-80mg/8Hr.</i>																			
APR-2023	53.14	29.32	0.29	8.93	18.31	70.15	29.34	0.67	10.17	14.11	68.10	38.1	0.52	5.67	7.62	58.79	24.09	0.57	9.93	26.49
MAY-2023	55.29	26.38	0.42	9.29	16.55	74.72	31.91	0.84	12.52	18.25	78.10	33.08	0.36	6.60	8.36	56.99	27.78	0.72	8.50	24.10
JUN-2023	50.61	23.94	0.35	11.85	12.37	56.84	30.14	0.77	15.84	17.80	71.95	28.72	0.42	12.46	5.22	44.75	23.06	0.64	10.16	24.01
JUL-2023	44.23	32.58	0.27	9.86	14.25	46.18	24.98	0.71	12.88	11.64	51.87	30.84	0.26	14.07	8.20	41.07	20.68	0.54	12.09	26.02
AUG-2023	38.23	20.58	0.34	12.86	13.25	44.82	23.67	0.76	15.42	14.50	48.66	25.83	0.48	17.06	22.93	37.92	18.62	0.46	15.0	24.25
SEP-2023	36.47	19.63	0.39	14.76	12.74	42.72	22.46	0.91	17.08	17.86	45.84	23.52	0.43	14.59	24.87	38.94	18.95	0.42	15.25	24.56

ANNEXURE-II B

JSW Steel Limited

Naharpali, Raigarh

STACK EMISSION MONITORING REPORT (CEMS)

PERIOD: APRIL-2023 TO SEPTEMBER-2023

Monitoring Results	DRI Stack 1 (Kiln 1& 2)		DRI Stack 2 (Kiln 3 & 4)		DRI Stack 3 (Kiln 5 & 6)		STACK-4 (CPP AFBC)			STACK-5 (CPP CFBC)			STACK-6 (Pallet Plant)	STACK-7 (Rolling Mill)	STACK-8 (BF)	STACK-9 (Sinter Plant)	STACK-10 (SMS)
	Parameters/prescribed limit (in mg/Nm³)																
	SO₂	PM	SO₂	PM	SO₂	PM	SO2	NOx	PM	SO₂	NOx	PM	PM	PM	PM	PM	PM
	600	50	600	50	600	50	600	300	50	600	300	50	50	50	50	50	50
APR-2023	125.2	34.6	159.1	36.2	128.9	33.1	206.9	149.5	35.6	278.4	133.7	34.7	33.2	15.3	29.5	34.2	32.1
MAY-2023	117.3	31.8	166.1	37.4	133.8	35.5	200.1	143.6	33.2	254.1	113.8	31.8	31.4	13.6	25.3	31.8	34.2
JUN-2023	123.4	25.6	157.7	34.5	138.4	31.5	215.8	113.7	37.8	245.3	125.4	37.2	36.3	11.2	22.8	32.5	32.4
JUL-2023	135.3	36.8	170.5	34.8	134.2	35.3	210.9	152.5	38.1	281.1	135.7	36.7	31.2	14.2	27.1	32.4	31.2
AUG-2023	238.4	38.6	157.7	32.7	162.9	34.5	215.8	157.03	37.2	252.1	121.4	35.3	34.3	SD	29.8	30.5	28.4
SEP-2023	216.4	35.7	240.08	36.2	186.9	39.4	267.8	204.3	34.2	270.3	215.1	28.4	36.7	SD	28.4	32.6	31.4

ANNEXURE-III A
JSW Steel Limited
NOISE LEVEL MONITORING REPORT
WORK ZONE & AMBIENT-DAY TIME:(April – 2023 to September -2023)

SN	LOCATION	MONTH					
		APR-23	MAY-23	JUN-23	JUL-23	AUG-23	SEP-23
SPONGE IRON							
1	Below Platform at Kiln # 1	74.6	73.8	75.2	77.9	78.6	74.3
2	Below Platform at Kiln # 3	82.6	74.7	76.6	76.2	76.4	74.9
3	Below Platform at Kiln # 6	78.7	74.3	74.6	77.6	73.5	74.3
4	RMH Unit (Near office Building)	76.2	71.2	67.9	68.7	63.4	75.5
5	PSB Area (Ground floor)	78.7	74.2	73.1	76.9	79.9	77.4
POWER PLANT							
6	TG 1	80.1	81.2	82.5	81.4	82.5	78.9
7	TG 2	78.9	80.1	83.3	83.2	81.2	79.2
8	Boiler CFBC (80 MW)	80.8	75.2	80.7	81.7	79.2	79.2
9	CHP Unit	67.4	62.3	65.7	67.3	68.9	69.9
SINTER PLANT							
10	Control Room	54.2	57.9	55.2	53.9	58.3	67.9
11	ESP Area (Near ID fan)	66.3	64.9	80.3	79.5	79.2	80.3
12	Sinter Cooler Area	58.4	66.9	81.8	79.2	81.9	77.2
SMS							
13	Near EAF (Ground Floor)	78.9	55.4	79.9	78.9	76.9	77.2
14	Near LRF (Ground Floor)	79.9	66.7	82.1	81.7	80.4	78.9
15	Billet Caster	78.4	69.9	81.9	80.9	81.7	80.2
BLAST FURNACE							
16	BF control room		52.9	56.3	54.8	55.2	62.2
17	BF Stove (Cast House)	79.9	62.9	79.9	78.9	80.9	76.5
18	Pump House	84.2	76.4	83.9	80.8	83.7	78.4
ROLLING MILL							
19	Reheating Furnace	77.6	68.9	80.5	78.7	80.2	78.5
20	CNC Room	63.3	75.4	74.2	60.7	58.9	61.2
21	Cooling Bed	59.7	63.8	77.9	74.9	64.9	61.9
PELLET PLANT							
22	Below Balling Building	70.2	67.4	71.8	70.9	77.9	73.7
23	Indurating Furnace (First Floor)	79.9	82.3	78.7	77.8	79.5	80.1
24	Gas Booster	71.0	68.9	72.2	75.6	74.9	76.8
25	Near Thickener Area	72.5	71.3	77.9	76.2	78.6	77.1
AMBIENT NOISE LEVEL MONITORING REPORT							
1	Main gate (Outside)	59.2	54.0	58.3	58.9	65.2	60.9
2	Gate no-2(Near WTP-2)	52.6	52.1	52.3	56.8	55.2	57.1
3	Gate-3(Near pellet plant)	48.4	53.4	60.7	65.8	64.6	69.3
4	Colony Gate	41.2	51.2	57.4	52.9	65.3	66.1

ANNEXURE-III B
JSW Steel Limited
WASTE WATER ANALYSIS REPORTS
PERIOD: APRIL-2023 TO SEPTEMBER-2023

SL	Characteristics	Permissible Limits	Apr-23	May-23	Jun-23	July-23	Aug-23	Sep-23	Apr-23	May-23	Jun-23	July-23	Aug-23	Sep-23
			Sample Results											
			Effluent Recycle System (ERS)						Sewage treatment Plant (STP)					
1	Temperature	Not more than 5°C to intake water	31.2	31.2	31.3	31.5	33.2	31.4	32.5	31.1	31.7	31.2	31.8	30.1
2	pH	6.0 to 8.5	6.25	6.8	6.9	7.8	7.15	7.62	6.82	6.6	7.03	6.8	7.31	6.15
3	TSS	100.0 mg/L	86	52	66	43	38	92	20	20	26	18	74	70
4	Chemical Oxygen Demand (COD)	250.0 mg/L	39.2	45.6	67	56.8	20.8	39.1	24.8	26.4	24	28.8	56.6	80.8
5	Biochemical Oxygen Demand(BOD)	30.0 mg/L	3.1	3.5	1.4	3.4	2.9	3.7	3.9	2.4	2.4	2.5	2.8	2.4
6	Oil & Grease	10.0 mg/L	0.24	0.36	0.47	0.51	0.67	1.2	0.16	0.22	0.32	0.37	0.96	0.73

Annexure-IV - Pre Medical Examination List								
S.No.	SAP ID	Name of the Employee	Age	Sex	Designation	Department	PME Date 2023	PME Sr. No.
1	1022497	Anil Kumar Patel	44	Male	Senior Technician	Steel Melting Shop(SMS)	01.04.2023	PME0362/23
2	1022166	Ram Pravesh Mehta	53	Male	Senior Technician	Steel Melting Shop(SMS)	01.04.2023	PME0363/23
3	1022252	Narendra Kumar Sao	50	Male	Engineer	Direct Reduced Iron (DRI)	03.04.2023	PME0364/23
4	1022128	Kumar Singh Rathia	49	Male	Senior Technician	Direct Reduced Iron (DRI)	03.04.2023	PME0365/23
5	1022115	Hem Lal Sahu	37	Male	Staff	Direct Reduced Iron (DRI)	03.04.2023	PME0366/23
6	1022301	Jiyalal Jaiswal	58	Male	Senior Technician	Bar Mill	03.04.2023	PME0367/23
7	1021702	T. Vijay Kumar	47	Male	Senior Technician	Direct Reduced Iron (DRI)	04.04.2023	PME0368/23
8	1022584	Barat Ram Rathia	30	Male	Staff	Raw Materials Handling System	04.04.2023	PME0369/23
9	1022495	Raj Kumar Singh	53	Male	Assistant General Manager	Raw Materials Handling System	05.04.2023	PME0370/23
10	1087371	Rahul Jha	37	Male	Manager	Steel Melting Shop(SMS)	05.04.2023	PME0371/23
11	1019837	Nilesh Prakash Gumble	35	Male	Assistant Manager	Blast Furnace	06.03.2023	PME0372/23
12	1021752	Susanta Kumar Dakua	45	Male	Junior Engineer	Direct Reduced Iron (DRI)	06.04.2023	PME0373/23
13	1021946	Vinod Chaudhary	44	Male	Senior Technician	Direct Reduced Iron (DRI)	06.03.2023	PME0374/23
14	1022346	Hargun Rai	51	Male	Senior Technician	Raw Materials Handling System	10.04.2023	PME0375/23
15	1022175	Balmukund Paswan	48	Male	Senior Technician	Direct Reduced Iron (DRI)	10.04.2023	PME0376/23
16	1021941	Bhagwan Singh	39	Male	Senior Technician	Direct Reduced Iron (DRI)	10.04.2023	PME0377/23
17	1021741	Vijay Kumar	46	Male	Assistant Engineer	Raw Materials Handling System	10.04.2023	PME0378/23
18	1022384	Umend Ram Chouhan	40	Male	Senior Technician	Raw Materials Handling System	10.04.2023	PME0379/23
19	1021951	Nand Lal Patel	49	Male	Assistant Engineer	Raw Materials Handling System	10.04.2023	PME0380/23
20	1021740	Churamani Patel	49	Male	Assistant Engineer	Raw Materials Handling System	10.04.2023	PME0381/23
21	1021840	Raj Kumar Patel	42	Male	Senior Technician	Raw Materials Handling System	11.04.2023	PME0382/23
22	1021925	Pritam Lal Koshle	53	Male	Senior Technician	Raw Materials Handling System	11.04.2023	PME0383/23
23	1022130	Sanjay Singh	37	Male	Senior Technician	Raw Materials Handling System	11.04.2023	PME0384/23
24	1021999	Ramakant Sahu	55	Male	Technician	Raw Materials Handling System	11.04.2023	PME0385/23
25	1033404	Lalan Yadav	45	Male	Senior Technician	Bar Mill	11.04.2023	PME0386/23

26	1021928	Chandra Kumar Rathore	39	Male	Junior Engineer	Steel Melting Shop(SMS)	12.04.2023	PME0387/23
27	1021842	Sita Ram Sahu	41	Male	Senior Technician	Raw Materials Handling System	12.04.2023	PME0388/23
28	1022447	Parmeshwar Prasad Sahu	39	Male	Senior Technician	Raw Materials Handling System	12.04.2023	PME0389/23
29	1022543	Om Prakash Singh	36	Male	Senior Technician	Raw Materials Handling System	12.04.2023	PME0390/23
30	1021868	Ram Anuj Kumar	46	Male	Senior Technician	Raw Materials Handling System	12.04.2023	PME0391/23
31	1021984	Surendra Kumar Rathore	44	Male	Junior Engineer	Raw Materials Handling System	12.04.2023	PME0392/23
32	1022542	Shiv Kumar Sahu	39	Male	Senior Technician	Raw Materials Handling System	12.04.2023	PME0393/23
33	1020865	Rana Pratap Singh	34	Male	Junior Engineer	Raw Materials Handling System	12.04.2023	PME0394/23
34	1025614	Yadavalli Tulsi Naga Venkata Mani Teja	24	Male	Assistant Manager	Raw Materials Handling System	13.04.2023	PME0395/23
35	1022122	Sanjay Kumar Sahu	45	Male	Technician	Raw Materials Handling System	13.04.2023	PME0396/23
36	1022369	Samual Bhengra	45	Male	Senior Technician	Raw Materials Handling System	13.04.2023	PME0397/23
37	1021994	Santosh Rathore	46	Male	Junior Engineer	Raw Materials Handling System	14.04.2023	PME0398/23

38	1022085	Hem Lal Rathiya	48	Male	Staff	Steel Melting Shop(SMS)	14.04.2023	PME0399/23
39	1021699	Raghunath Dansena	55	Male	Assistant Engineer	Raw Materials Handling System	14.04.2023	PME0400/23
40	1021701	Suresh Sahu	45	Male	Junior Engineer	Direct Reduced Iron (DRI)	14.04.2023	PME0401/23
41	1022450	Manoj Sharma	42	Male	Senior Technician	Blast Furnace	14.04.2023	PME0402/23
42	1022597	Naviin Kumar Gupta	36	Male	Senior Technician	Raw Materials Handling System	17.04.2023	PME0403/23
43	1021801	Sohan Lal Rathore	50	Male	Senior Technician	Raw Materials Handling System	17.04.2023	PME0404/23
44	1022132	Awadhesh Kumar Yadav	46	Male	Senior Technician	Direct Reduced Iron (DRI)	17.04.2023	PME0405/23
45	1022300	Ram Sai Mannewar	49	Male	Senior Technician	Direct Reduced Iron (DRI)	17.04.2023	PME0506/23
46	1088657	Sandeepan Kumar Singh	41	Male	Engineer	Blast Furnace	17.04.2023	PME0407/23
47	1022196	Akhilesh Kumar Mehta	47	Male	Senior Technician	Central Maintenance (CMD)	17.04.2023	PME0408/23
48	1090414	Om Prakash Pati	45	Male	Manager	Lime Plant	17.04.2023	PME0409/23
49	1022416	Om Prakash Vishwakarma	48	Male	Deputy Manager	Steel Melting Shop(SMS)	17.04.2023	PME0410/23
50	1021821	Laksheshwar Prasad Dansena	34	Male	Technician	Direct Reduced Iron (DRI)	18.04.2023	PME0411/23
51	1022414	Lakhan Lal Mannewar	40	Male	Junior Engineer	Bar Mill	18.04.2023	PME0412/23
52	1022520	Shashi Bhushan Patel	45	Male	Technician	Raw Materials Handling System	18.04.2023	PME0413/23
53	1022068	Digamber Rathiya	56	Male	Staff	Raw Materials Handling System	18.04.2023	PME0414/23
54	1021715	Raghuraj Kashyap	53	Male	Deputy Manager	Raw Materials Handling System	18.04.2023	PME0415/23
55	1021978	Vyas Narayan Rathore	52	Male	Assistant Engineer	Raw Materials Handling System	18.04.2023	PME0416/23
56	1022487	Manoj Kumar Thakur	47	Male	Senior Technician	Direct Reduced Iron (DRI)	09.04.2023	PME0417/23
57	1022051	Bihari Lal	48	Male	Staff	Raw Materials Handling System	19.04.2023	PME0418/23
58	1091355	Atul Yadav	38	Male	Graduate Engineer Trainee	Direct Reduced Iron (DRI)	19.04.2023	PME0419/23
59	1022142	Chudamani Rathia	38	Male	Staff	Steel Melting Shop(SMS)	19.04.2023	PME0420/23
60	1022109	Setcharan Patel	54	Male	Deputy Manager	Raw Materials Handling System	19.04.2023	PME0421/23
61	1090933	Jalagam Ajay Kumar	23	Male	Graduate Engineer Trainee	Direct Reduced Iron (DRI)	19.04.2023	PME0422/23
62	1022100	Yashwant Kumar Sahu	45	Male	Technician	Raw Materials Handling System	19.04.2023	PME0423/23

63	1021769	Churamani Patel	40	Male	Senior Technician	Direct Reduced Iron (DRI)	19.04.2023	PME0424/23
64	1021718	Sanjay Kumar Rathore	45	Male	Manager	Direct Reduced Iron (DRI)	20.04.2023	PME0425/23
65	1022337	Surendra Singh	37	Male	Junior Engineer	Direct Reduced Iron (DRI)	20.04.2023	PME0246/23
66	1022154	Milan Kumar Dansena	44	Male	Junior Engineer	Raw Materials Handling System	20.04.2023	PME0427/23
67	1021714	Novel Stephan	48	Male	Assistant Engineer	Direct Reduced Iron (DRI)	20.04.2023	PME0428/23
68	1021747	Praveen Singh	46	Male	Manager	Raw Materials Handling System	20.04.2023	PME0429/23
69	1020847	Praveen Kumar Pal	32	Male	Technician	Blast Furnace	20.04.2023	PME0430/23
70	1022469	Suneel Kumar Dansena	42	Male	Junior Engineer	Raw Materials Handling System	21.04.2023	PME0431/23
71	1021945	Vijay Chaudhary	49	Male	Junior Engineer	Direct Reduced Iron (DRI)	21.04.2023	PME0432/23
72	1022060	Dinesh Kr. Yadav	39	Male	Senior Technician	Direct Reduced Iron (DRI)	21.04.2023	PME0433/23
73	1021748	Unni Krishanan	48	Male	Manager	Direct Reduced Iron (DRI)	21.04.2023	PME0434/23
74	1019831	Sanjay Singh Khalsa	41	Male	Senior Engineer	Blast Furnace	21.04.2023	PME0435/23
75	1022651	Dinesh Kumar Gore	42	Male	Deputy Manager	Blast Furnace	21.04.2023	PME0436/23
76	1022422	Dharam Deo Yadav	48	Male	Junior Engineer	Blast Furnace	21.04.2023	PME0437/23
77	1019814	Manu Singh	35	Male	Senior Engineer	Blast Furnace	21.04.2023	PME0438/23
78	1022001	Ram Gopal Sahu	42	Male	Technician	Blast Furnace	21.04.2023	PME0439/23
79	1021771	Bhuneshwar Rathia	37	Male	Technician	Direct Reduced Iron (DRI)	21.04.2023	PME0440/23
80	1022576	Dina Nath Kaushik	41	Male	Senior Technician	Direct Reduced Iron (DRI)	24.04.2023	PME0441/23
81	1089196	Chameshwar Kumar	28	Male	Assistant Engineer	Blast Furnace	24.04.2023	PME0442/23
82	1022541	Ranjit Singh	52	Male	Junior Engineer	Raw Materials Handling System	24.04.2023	PME0443/23
83	1022587	Ram Lakhan Rathia	28	Male	Staff	Raw Materials Handling System	24.04.2023	PME0444/23
84	1022490	Sudam Behera	47	Male	Senior Engineer	Raw Materials Handling System	24.04.2023	PME0445/23
85	1019990	Ashis Kumar Behera	37	Male	Manager	Blast Furnace	24.04.2023	PME0446/23
86	1022157	Rajesh Kumar Thakur	49	Male	Engineer	Direct Reduced Iron (DRI)	24.04.2023	PME0447/23
87	1022082	Jai Mangal Chauhan	30	Male	Staff	Horticulture	24.04.2023	PME0448/23
88	1022163	Manoj Kumar Verma	48	Male	Senior Technician	Direct Reduced Iron (DRI)	24.04.2023	PME0449/23
89	1022435	Bhuneswar Prasad	36	Male	Senior Technician	Direct Reduced Iron (DRI)	24.04.2023	PME0450/23
90	1022052	Dinesh Kr. Sahu	34	Male	Staff	Direct Reduced Iron (DRI)	24.04.2023	PME0451/23
91	1022476	Vinod Pandey	43	Male	Senior Technician	Raw Materials Handling System	24.04.2023	PME0452/23
92	1021791	Jivnandan Deshmukh	45	Male	Deputy General Manager	Direct Reduced Iron (DRI)	24.04.2023	PME0453/23

93	1024458	Manish Kumar Gupta	53	Male	Assistant General Manager	Direct Reduced Iron (DRI)	24.04.2023	PME0454/23
94	1024492	Shailesh Ranjan	48	Male	Assistant General Manager	Bar Mill	25.04.2023	PME0455/23
95	1022558	Rameshwar Pathak	55	Male	Senior Engineer	Lime Plant	25.04.2023	PME0456/23
96	1022224	Lakhpatt Vishwkarma	50	Male	Junior Engineer	Direct Reduced Iron (DRI)	25.04.2023	PME0457/23
97	1022002	Dharam Pal Patel	43	Male	Technician	Raw Materials Handling System	25.04.2023	PME0458/23
98	1022440	Narendra Kumar Yadav	34	Male	Junior Engineer	Blast Furnace	25.04.2023	PME0459/23
99	1021833	Suraj Kumar Nayak	46	Male	Technician	Raw Materials Handling System	25.04.2023	PME0460/23
100	1021779	Prasanta Kumar Senapaty	39	Male	Deputy Manager	Direct Reduced Iron (DRI)	25.04.2023	PME0461/23
101	1021961	Lalit Kumar Rathore	40	Male	Junior Engineer	Raw Materials Handling System	25.04.2023	PME0462/23
102	1022126	Umashankar Rathore	50	Male	Staff	Raw Materials Handling System	25.04.2023	PME0463/23
103	1021733	Deepak Singh Satvat	56	Male	Manager	Direct Reduced Iron (DRI)	26.04.2023	PME0464/23
104	1021914	Priti Ranjan Dash	45	Male	Manager	Direct Reduced Iron (DRI)	26.04.2023	PME0465/23
105	1021964	Rohit Kumar Barik	51	Male	Assistant Engineer	Direct Reduced Iron (DRI)	26.04.2023	PME0466/23
106	1022188	Bhuwneshwar Pd. Sahu	35	Male	Technician	Direct Reduced Iron (DRI)	26.04.2023	PME0467/23
107	1021758	Rameshwar Pd. Sahu	40	Male	Junior Engineer	Direct Reduced Iron (DRI)	26.04.2023	PME0468/23
108	1021737	Bhavesk Kumar Dubey	49	Male	Senior Technician	Direct Reduced Iron (DRI)	26.04.2023	PME0469/23
109	1020510	Govindhasamy M	36	Male	Manager	Blast Furnace	26.04.2023	PME0470/23
110	1019830	Gandi Narayana Murthy	52	Male	Deputy Manager	Blast Furnace	27.04.2023	PME0471/23
111	1021782	Firat Ram Lahare	56	Male	Senior Technician	Blast Furnace	27.04.2023	PME0472/23
112	1022160	Lakshmi Narayan Chandra	55	Male	Engineer	Direct Reduced Iron (DRI)	27.04.2023	PME0473/23
113	1022505	Uday Das	46	Male	Technician	Bar Mill	28.04.2023	PME0474/23
114	1021796	Durga Prasad	38	Male	Assistant Manager	Direct Reduced Iron (DRI)	28.04.2023	PME0475/23
115	1021837	Bodhi Ram Karsh	48	Male	Senior Technician	Direct Reduced Iron (DRI)	28.04.2023	PME0476/23
116	1022165	Komal Singh Rawte	40	Male	Technician	Direct Reduced Iron (DRI)	28.04.2023	PME0477/23
117	1022421	Rajesh Kumar Yadav	45	Male	Junior Engineer	Blast Furnace	28.04.2023	PME0478/23
118	1021924	Md. Rahim	45	Male	Senior Technician	Direct Reduced Iron (DRI)	29.04.2023	PME0479/23
119	1019840	Tushar Ashokrao Harne	36	Male	Deputy Manager	Blast Furnace	02.05.2023	PME0480/23
120	1022525	Dheerendra Pratap Singh	37	Male	Technician	Bar Mill	02.05.2023	PME0481/23
121	1022510	Ram Nivash Kumar	40	Male	Senior Technician	Bar Mill	02.05.2023	PME0482/23
122	1022014	Ved Prasad Rathia	47	Male	Staff	Direct Reduced Iron (DRI)	02.05.2023	PME0483/23
123	1022010	Resham Lal Rathia	46	Male	Staff	Direct Reduced Iron (DRI)	02.05.2023	PME0484/23
124	1020854	Raphaeldiggi	35	Male	Technician	Blast Furnace	02.05.2023	PME0485/23

125	1021800	Satish Kumar Shukla	50	Male	Engineer	Direct Reduced Iron (DRI)	02.05.2023	PME0486/23
126	1022007	Khem Lal	42	Male	Staff	Direct Reduced Iron (DRI)	02.05.2023	PME0487/23
127	1022540	Gupteshwar Kumar Yadav	31	Male	Staff	Bar Mill	02.05.2023	PME0488/23
128	1022328	Mohammad Perwez	41	Male	Senior Engineer	Environment, Health & Safety	02.05.2023	PME0489/23
129	1022511	Prabhunath Vishwakarma	35	Male	Staff	Bar Mill	02.05.2023	PME0490/23
130	1087662	Maheshwar Kumar	34	Male	Senior Engineer	Steel Melting Shop(SMS)	03.05.2023	PME0491/23
131	1020456	Ch. Janakiram	30	Male	Assistant Engineer	Blast Furnace	03.05.2023	PME0492/23
132	1020075	Dhruba Kumar	40	Male	Manager	Steel Melting Shop(SMS)	03.05.2023	PME0493/23
133	1022509	Ram Nagina Yadav	41	Male	Senior Technician	Bar Mill	03.05.2023	PME0494/23
134	1019833	Kushadhar Pradhan	33	Male	Engineer	Blast Furnace	03.05.2023	PME0495/23
135	1020491	P. Ganga Rao	36	Male	Deputy Manager	Blast Furnace	04.05.2023	PME0496/23
136	1022512	Ram Ratan Mahato	42	Male	Senior Technician	Bar Mill	04.05.2023	PME0497/23
137	1022506	Vivek Kumar	31	Male	Staff	Bar Mill	04.05.2023	PME0498/23
138	1022562	Bablu Yadav	48	Male	Senior Technician	Bar Mill	04.05.2023	PME0499/23
139	1022381	Manoj Paswan	40	Male	Senior Technician	Blast Furnace	04.05.2023	PME0500/23
140	1022493	Ramesh Rai	54	Male	Senior Technician	Bar Mill	04.05.2023	PME0501/23
141	1022532	Ashok Vishwakarma	56	Male	Junior Engineer	Bar Mill	04.05.2023	PME0502/23
142	1091440	Zuha Wani	21	Female	Graduate Engineer Trainee	Logistics/ PPC/CSD	05.05.2023	PME0503/23
143	1021788	Arvind Vishwakarma	36	Male	Technician	Blast Furnace	05.05.2023	PME0504/23
144	1019993	Dinesh Kumar Sahu	36	Male	Assistant Manager	Blast Furnace	05.05.2023	PME0505/23
145	1022438	Ranjit Ranjan Upadhyay	46	Male	Junior Engineer	Blast Furnace	05.05.2023	PME0506/23
146	1021975	Sujit Kr. Naik	43	Male	Assistant Manager	Blast Furnace	05.05.2023	PME0507/23
147	1022508	Upendra Kumar Vishwakarma	32	Male	Technician	Bar Mill	05.05.2023	PME0508/23
148	1022630	Jayanta Kumar Barik	54	Male	Senior Technician	Blast Furnace	08.05.2023	PME0509/23
149	1019841	Bankim Chandra Basu	34	Male	Engineer	Blast Furnace	08.05.2023	PME0510/23
150	1022323	Prakash M. Badwaik	35	Male	Junior Engineer	Environment, Health & Safety	08.05.2023	PME0511/23
151	1022632	Sanjay Kushwaha	34	Male	Technician	Steel Melting Shop(SMS)	09.05.2023	PME0512/23
152	1021698	Dilip Das Mahant	53	Male	Senior Technician	Direct Reduced Iron (DRI)	09.05.2023	PME0513/23
153	1022159	Vinod Kumar Singh	41	Male	Assistant Manager	Direct Reduced Iron (DRI)	09.05.2023	PME0514/23
154	1022629	Umesh Kumar	34	Male	Assistant Manager	Direct Reduced Iron (DRI)	09.05.2023	PME0515/23
155	1020661	Vijay Kumar Dwivedi	38	Male	Manager	Bar Mill	09.05.2023	PME0516/23
156	1022622	Brij Mohan	40	Male	Senior Technician	Bar Mill	09.05.2023	PME0517/23
157	1022539	Sanoj Kumar Prasad	37	Male	Senior Technician	Bar Mill	09.05.2023	PME0518/23
158	1022425	Baliram Gupta	48	Male	Senior Technician	Blast Furnace	09.05.2023	PME0519/23

159	1020842	Dhanu Lohar	34	Male	Technician	Blast Furnace	10.05.2023	PME0520/23
160	1022249	Dilesh Kumar Barman	52	Male	Assistant Engineer	Bar Mill	11.05.2023	PME0521/23
161	1022388	Gandhi Sah	42	Male	Senior Technician	Bar Mill	11.05.2023	PME0522/23
162	1022417	Devendra Kumar Singh	46	Male	Junior Engineer	Blast Furnace	12.05.2023	PME0523/23
163	1022578	Achyuta Biswal	36	Male	Senior Technician	Bar Mill	12.05.2023	PME0524/23
164	1022434	Shiv Chouhan	41	Male	Junior Engineer	Blast Furnace	12.05.2023	PME0525/23
165	1022448	Shailesh Tiwari	49	Male	Senior Technician	Blast Furnace	12.05.2023	PME0526/23
166	1019843	Aswini Kumar Tiwari	32	Male	Deputy Manager	Blast Furnace	12.05.2023	PME0527/23
167	1022582	Aghan Lal Rathia	46	Male	Staff	Central Maintenance (CMD)	12.05.2023	PME0528/23
168	1024301	Ravi Ranjan Jha	30	Male	Junior Officer	Sales Audit	13.05.2023	PME0529/23
169	1022426	Jani Ram Sahu	37	Male	Junior Engineer	Blast Furnace	15.05.2023	PME0530/23
170	1022491	Subhash Yadav	51	Male	Senior Technician	Central Maintenance (CMD)	15.05.2023	PME0531/23
171	1090442	Ambika Prasad	38	Male	Assistant Manager	Lime Plant	15.05.2023	PME0532/23
172	1090938	Pramit Rathore	24	Male	Graduate Engineer Trainee	Civil	15.05.2023	PME0533/23
173	1049234	Gaurav Sahu	25	Male	Assistant Manager	Steel Melting Shop(SMS)	15.05.2023	PME0534/23
174	1026160	Nikhil Kumar	34	Male	Deputy Manager	Steel Melting Shop(SMS)	15.05.2023	PME0535/23
175	1087643	Banoth Bhavani	24	Female	Assistant Manager	Quality Control	16.05.2023	PME0536/23
176	1021921	Sandeep Kumar Rai	49	Male	Senior Technician	Blast Furnace	16.05.2023	PME0537/23
177	1019806	Demam Lal Sonwani	37	Male	Senior Engineer	Steel Melting Shop(SMS)	16.05.2023	PME0538/23
178	1022467	Tulsi Sharma	40	Male	Senior Technician	Steel Melting Shop(SMS)	16.05.2023	PME0539/23
179	1087487	Sanjay Kumar Verma	34	Male	Senior Engineer	Steel Melting Shop(SMS)	17.05.2023	PME0540/23
180	1019812	Amit Kumar Sandil	38	Male	Manager	Steel Melting Shop(SMS)	17.05.2023	PME0541/23
181	1019815	Sk. Mehendi Hassain	41	Male	Deputy Manager	Steel Melting Shop(SMS)	17.05.2023	PME0542/23
182	1022559	Anup Rai	33	Male	Technician	Bar Mill	17.05.2023	PME0543/23
183	1090166	Punit Ram Joshi	35	Male	Engineer	Steel Melting Shop(SMS)	17.05.2023	PME0544/23
184	1022470	Shambhu Sharan Singh	39	Male	Junior Engineer	Sinter Plant	17.05.2023	PME0545/23
185	1021828	Upendra Kumar Bharati	48	Male	Senior Technician	Blast Furnace	17.05.2023	PME0546/23
186	1019988	Amit Sharma	36	Male	Assistant Manager	Steel Melting Shop(SMS)	18.05.2023	PME0547/23
187	1022397	Rajeev Kumar Singh	42	Male	Senior Technician	Bar Mill	18.05.2023	PME0548/23
188	1022564	Sunil Kumar Basone	39	Male	Technician	Bar Mill	18.05.2023	PME0549/23
189	1022420	Desh Deepak Mishra	44	Male	Engineer	Environment, Health & Safety	18.05.2023	PME0550/23
190	1034030	Chinmoy Mohanty	42	Male	Senior Manager	Lime Plant	18.05.2023	PME0551/23
191	1092538	Chitikela Srinu	33	Male	Assistant Engineer	Blast Furnace	18.05.2023	PME0552/23

192	1021862	Nand Kishor Prasad	57	Male	Junior Engineer	Central Maintenance (CMD)	19.05.2023	PME0553/23
193	1022492	Yashwant Kr. Singh	43	Male	Senior Technician	Bar Mill	19.05.2023	PME0554/23
194	1022533	Rudresh Rai	29	Male	Staff	Bar Mill	19.05.2023	PME0555/23
195	1022442	Shashikant Kumar	37	Male	Junior Engineer	Steel Melting Shop(SMS)	19.05.2023	PME0556/3
196	1022223	Gajendra Mandal	46	Male	Senior Technician	Direct Reduced Iron (DRI)	20.05.2023	PME0557/23
197	1022557	Jagadish Yadav	34	Male	Technician	Steel Melting Shop(SMS)	22.05.2023	PME0558/23
198	1090091	Shree Krishna Gupta	25	Male	Junior Engineer	Blast Furnace	22.05.2023	PME0559/23
199	1022304	Arun Kumar Chauhan	38	Male	Senior Assistant	Logistics/ PPC/CSD	22.05.2023	PME0560/23
200	1022105	Yog Prakash Dwivedi	37	Male	Assistant Engineer	Environment, Health & Safety	22.05.2023	PME0561/23
201	1022552	Vijay Suryabhan Dahaki	37	Male	Technician	Pellet Plant	23.05.2023	PME0562/23
202	1088802	Ashok Lasumpuram	35	Male	Engineer	Quality Control	23.05.2023	PME0563/23
203	1022173	Saheb Yadav	41	Male	Senior Technician	Bar Mill	23.05.2023	PME0564/23
204	1022272	Santosh Singh	45	Male	Senior Technician	Steel Melting Shop(SMS)	24.05.2023	PME0565/23
205	1090909	Nitin Kumar Srivastav	29	Male	Senior Engineer	Steel Melting Shop(SMS)	24.05.2023	PME0566/23
206	1020646	Vikrant Kumar Sharma	35	Male	Manager	Steel Melting Shop(SMS)	25.05.2023	PME0567/23
207	1020002	Subhakanta Deo	35	Male	Deputy Manager	Steel Melting Shop(SMS)	25.05.2023	PME0568/23
208	1022514	Vinod Kumar Yadav	38	Male	Senior Technician	Steel Melting Shop(SMS)	26.05.2023	PME0569/23
209	1020537	Dara Maheswara Rao	31	Male	Engineer	Blast Furnace	26.05.2023	PME0570/23
210	1022326	Raj Kumar Singh	50	Male	Senior Technician	Bar Mill	26.05.2023	PME0571/23
211	1020021	Ranjan Kumar Sahoo	45	Male	Senior Manager	Steel Melting Shop(SMS)	26.05.2023	PME0572/23
212	1090159	Vipul Singh	37	Male	Deputy manager	Lime Plant	26.05.2023	PME0573/23
213	1022516	Ramesh Kumar Bareth	38	Male	Junior Engineer	Lime Plant	26.05.2023	PME0574/23
214	2976934	Dinesh Kumar Patidar	55	Male	General Manager	Blast Furnace	27.05.2023	PME0575/23
215	1022390	Durga Shankar Ojha	42	Male	Assistant	Logistics/ PPC/CSD	29.05.2023	PME0576/23
216	1022445	Kamlesh Chandra	42	Male	Assistant Officer	Logistics/ PPC/CSD	29.05.2023	PME0577/23
217	1020506	Muddu Mahesh	30	Male	Engineer	Blast Furnace	29.05.2023	PME0578/23
218	1021797	Mewa Ram Dhiwar	50	Male	Senior Assistant	Logistics/ PPC/CSD	29.05.2023	PME0579/23
219	1022449	Dilip Kumar Thakur	35	Male	Senior Assistant	Logistics/ PPC/CSD	29.05.2023	PME0580/23
220	1022095	Vishwanath Gautam	39	Male	Deputy Manager	Information Technology	29.05.2023	PME0581/23
221	1090926	Purshottam Sahu	28	Male	Junior Engineer	Steel Melting Shop(SMS)	29.05.2023	PME0582/23
222	1022581	Ajendra Kumar	45	Male	Junior Engineer	Bar Mill	29.05.2023	PME0583/23
223	1090931	Shashank Gautam	23	Male	Graduate Engineer Trainee	Pellet Plant	30.05.2023	PME0584/23
224	1019825	Bonthu Lakshmana Naidu	30	Male	Engineer	Blast Furnace	30.05.2023	PME0585/23
225	1022405	Shatrunjay Kumar Singh	46	Male	Senior Technician	Steel Melting Shop(SMS)	30.05.2023	PME0586/23
226	1022550	Chander Pal	42	Male	Junior Engineer	Bar Mill	30.05.2023	PME0587/23

227	1022265	Puneet Sharma	49	Male	Deputy Manager	Bar Mill	30.05.2023	PME0588/23
228	1022560	Umesh Nagle	34	Male	Technician	Bar Mill	30.05.2023	PME0589/23
229	1021892	Khem Pd. Jaiswal	42	Male	Junior Engineer	Quality Control	30.05.2023	PME0590/23
230	1021843	Dharmu Dhar Dansena	46	Male	Junior Engineer	Quality Control	30.05.2023	PME0591/23
231	1021723	Ramesh Kumar Gupta	51	Male	Assistant General Manager	Quality Control	30.05.2023	PME0592/23
232	1022637	Pikesh Kumar Dhanger	36	Male	Technician	Bar Mill	31.05.2023	PME0593/23
233	1087762	Manoj Pratap Singh	33	Male	Deputy Manager	Bar Mill	31.05.2023	PME0594/23
234	1089830	Divyagyan sao	38	Male	Engineer	Quality Control	31.05.2023	PME0595/23
235	1022289	Pankaj Kumar Patel	35	Male	Assistant Engineer	Quality Control	31.05.2023	PME0596/23
236	1019804	Abhay Kumar Sharma	52	Male	Senior Engineer	Quality Control	31.05.2023	PME0597/23
237	1022399	Rajkumar Rajak	43	Male	Junior Engineer	Bar Mill	31.05.2023	PME0598/23
238	1087466	Arun Kumar Dubey	31	Male	Engineer	Bar Mill	31.05.2023	PME0599/23
239	1020528	Satyabrata Barik	34	Male	Engineer	Quality Control	31.05.2023	PME0600/23
240	1021846	Sukh Sagar Dansena	42	Male	Senior Technician	Quality Control	31.05.2023	PME0601/23
241	1019970	Om Prakash Mahato	29	Male	Engineer	Lime Plant	31.05.2023	PME0602/23
242	1021973	Lakshmi Rathor	48	Male	Junior Engineer	Quality Control	01.06.2023	PME0603/23
243	1022353	Bijay Singh Kushwaha	58	Male	Senior Technician	Bar Mill	01.06.2023	PME0604/23
244	1021991	Md.Shakil Ahmed	52	Male	Senior Technician	Bar Mill	01.06.2023	PME0605/23
245	1022474	Tilak Singh	55	Male	Junior Engineer	Steel Melting Shop(SMS)	01.06.2023	PME0606/23
246	1022248	Navdha Ram Sahu	53	Male	Senior Technician	Steel Melting Shop(SMS)	01.06.2023	PME0607/23
247	1022140	Halder Prasad Baghel	44	Male	Staff	Steel Melting Shop(SMS)	01.06.2023	PME0608/23
248	1019844	Sanjay Moghe	53	Male	Deputy General Manager	Bar Mill	01.06.2023	PME0609/23
249	1019784	Shail Kumar Verma	39	Male	Assistant Manager	Quality Control	01.06.2023	PME0610/23
250	1021962	Kamleshwar Patel	40	Male	Junior Engineer	Quality Control	01.06.2023	PME0611/23
251	1087467	Dhanunjaya P	35	Male	Engineer	Bar Mill	01.06.2023	PME0612/23
252	1020117	Uday Kumar Gupta	34	Male	Assistant Manager	Lime Plant	01.06.2023	PME0613/23
253	1090194	Jiten Kumar Pradhan	36	Male	Engineer	Lime Plant	01.06.2023	PME0614/23
254	1022565	Mahendra Kumar Patel	40	Male	Senior Technician	Bar Mill	02.06.2023	PME0615/23
255	1022577	Baliram Kumar Prasad	33	Male	Technician	Bar Mill	02.06.2023	PME0616/23
256	1022305	Haridayal Singh	45	Male	Senior Technician	Bar Mill	02.06.2023	PME0617/23
257	1022572	Satyendra Kumar Singh	47	Male	Senior Technician	Bar Mill	02.06.2023	PME0618/23
258	1022162	Abhishek Kumar	36	Male	Senior Technician	Central Utilities	05.06.2023	PME0619/23
259	1022103	Anil Kumar Pathak	42	Male	Technician	Steel Melting Shop(SMS)	05.06.2023	PME0620/23
260	3100819	Vinod Rawat	39	Male	Deputy Manager	Central Maintenance (CMD)	05.06.2023	PME0621/23
261	1022580	Ravi Kumar Gavel	30	Male	Technician	Bar Mill	05.06.2023	PME0622/23

262	1022507	Sanatan Dash	35	Male	Technician	Bar Mill	05.06.2023	PME0623/23
263	1022500	Ramesh Gupta	48	Male	Staff	Bar Mill	05.06.2023	PME0624/23
264	1022503	Jitendra Sharma	40	Male	Technician	Bar Mill	05.06.2023	PME625/23
265	1020556	Anupam Dinda	32	Male	Assistant Manager	Steel Melting Shop(SMS)	05.06.2023	PME0626/23
266	1092955	Prem Sagar	39	Male	Assistant Manager	Blast Furnace	05.06.2023	PME0627/23
267	1022294	Prem Gope	37	Male	Senior Technician	Bar Mill	05.06.2023	PME0628/23
268	1022336	Sila Chandra Ekka	48	Male	Senior Technician	Steel Melting Shop(SMS)	06.06.2023	PME0629/23
269	1022380	Anand Rao Bhade	43	Male	Assistant Engineer	Bar Mill	06.06.2023	PME0630/23
270	1022475	Jay Mejar Kannaujiya	33	Male	Junior Engineer	Steel Melting Shop(SMS)	06.06.2023	PME0631/23
271	1022570	Amit Kumar Kashyap	38	Male	Senior Technician	Blast Furnace	07.06.2023	PME0632/23
272	1022120	Dillip Kumar Dansena	46	Male	Technician	Steel Melting Shop(SMS)	07.06.2023	PME0633/23
273	1090936	Mrunali Ghanshyam Dukare	23	Female	Graduate Engineer Trainee	Steel Melting Shop(SMS)	07.06.2023	PME0634/23
274	1090948	Aakanksha Thakur	22	Female	Graduate Engineer Trainee	Steel Melting Shop(SMS)	07.06.2023	PME0635/23
275	1091354	Priyanka Lohiya	22	Female	Graduate Engineer Trainee	Blast Furnace	07.06.2023	PME0636/23
276	1018308	Jyoti Soni	26	Female	Junior Executive	Steel Melting Shop(SMS)	07.06.2023	PME0637/23
277	1090935	Harsh Chauhan	23	Male	Graduate Engineer Trainee	Bar Mill	07.06.2023	PME0638/23
278	1022308	Rajesh Kumar Pandey	45	Male	Senior Technician	Pellet Plant	07.06.2023	PME0639/23
279	1022243	Mahesh Kumar Dhobi	39	Male	Technician	Blast Furnace	07.06.2023	PME0640/23
280	1020679	Shailendra Kumar	40	Male	Deputy Manager	Switch Yard (Power Plant)	07.06.2023	PME0641/23
281	1091442	Kunal Tiwari	23	Male	Graduate Engineer Trainee	Steel Melting Shop(SMS)	08.06.2023	PME0642/23
282	1016862	Prashant Kumar Dutta	52	Male	Manager	Purchase & Commercial	06.06.2023	PME0643/23
283	1022593	Sanjay Kumar Rathiya	30	Male	Technician	Quality Control	09.06.2023	PME0644/23
284	1019823	Homraj P. Bhendarkar	40	Male	Senior Engineer	Blast Furnace	09.06.2023	PME0645/23
285	1022279	Chitra Kumar Sinha	34	Male	Technician	Quality Control	09.06.2023	PME0646/23
286	1022573	Mohan D. Sukhdeve	50	Male	Junior Engineer	Bar Mill	09.06.2023	PME0647/23
287	1088915	Kumaraswamy K	29	Male	Assistant Engineer	Quality Control	09.06.2023	PME0648/23
288	1022321	Rajdeo Kumar	37	Male	Junior Engineer	Environment, Health & Safety	10.06.2023	PME0649/23
289	1022258	Anil Kumar	37	Male	Senior Technician	Bar Mill	10.06.2023	PME0650/23
290	1022270	Raja Bhaya Tiwari	57	Male	Senior Technician	Bar Mill	12.06.2023	PME0651/23
291	1022293	Sunil Kumar	48	Male	Senior Technician	Bar Mill	12.06.2023	PME0652/23
292	1022504	Om Prakash Sharma	38	Male	Senior Technician	Bar Mill	12.06.2023	PME0653/23

293	1091538	Shreya Jha	22	Female	Graduate Engineer Trainee	Sinter Plant	12.06.2023	PME0654/23
294	1022610	Ram Nath Vishwakarma	52	Male	Junior Engineer	Bar Mill	12.06.2023	PME0655/23
295	1022638	Sanjeet Kumar Chouhan	38	Male	Technician	Steel Melting Shop(SMS)	12.06.2023	PME0656/23
296	1022310	Lalji Choudhary	39	Male	Senior Technician	Steel Melting Shop(SMS)	12.06.2023	PME0657/23
297	1022471	Santosh Kumar	48	Male	Engineer	Sinter Plant	12.06.2023	PME0658/23
298	1020019	Ram Kumar	38	Male	Engineer	Quality Control	13.06.2023	PME0659/23
299	1022406	Mrityanjay Singh	42	Male	Assistant Engineer	Quality Control	13.06.2023	PME0660/23
300	1020035	Sujeet Kumar Chaudhary	32	Male	Deputy Manager	Steel Melting Shop(SMS)	13.06.2023	PME0661/23
301	1022444	Suresh Kumar Gabel	43	Male	Junior Officer	Logistics/ PPC/CSD	13.06.2023	PME0662/23
302	1022675	Pushp Lata Yadav	44	Female	Assistant Officer	Administration	13.06.2023	PME0663/23
303	1022386	Umesh Kumar Dansena	36	Male	Junior Officer	Logistics/ PPC/CSD	14.06.2023	PME0664/23
304	1022194	Nagraj Bhat	40	Male	Senior Technician	Bar Mill	14.06.2023	PME0665/23
305	1021855	Lakhan Lal Yadav	53	Male	Senior Technician	Steel Melting Shop(SMS)	14.06.2023	PME0666/23
306	1021774	Ashok Kumar Ojha	50	Male	Assistant Manager	Quality Control	14.06.2023	PME0667/23
307	1022177	Rajendra Kumar Kashyap	46	Male	Senior Technician	Steel Melting Shop(SMS)	14.06.2023	PME0668/23
308	3002117	Rohit Kumar	33	Male	Deputy Manager	Steel Melting Shop(SMS)	14.06.2023	PME0669/23
309	1021750	Sudesh Kumar Patel	53	Male	Assistant Officer	Logistics/ PPC/CSD	15.06.2023	PME0670/23
310	1022127	Dukhiram Sahu	47	Male	Senior Technician	Quality Control	15.06.2023	PME0671/23
311	1092339	Mahendra Pratap Yadav	33	Male	Assistant Manager	Blast Furnace	15.06.2023	PME0672/23
312	1020520	Roshan Kumar	30	Male	Senior Engineer	Oxygen Plant	15.06.2023	PME0673/23
313	1019826	Hari Shankar Sahu	36	Male	Engineer	Blast Furnace	16.06.2023	PME0674/23
314	1021693	Purshottam	50	Male	Manager	Quality Control	16.06.2023	PME0675/23
315	1050017	Gaurav Bhargava	41	Male	Senior Manager	Steel Melting Shop(SMS)	19.06.2023	PME0676/23
316	1022215	Hari Shankar Sahu	40	Male	Junior Engineer	Quality Control	19.06.2023	PME0677/23
317	1022485	Ashutosh Kumar Thakur	38	Male	Engineer	Quality Control	19.06.2023	PME0678/23
318	1021976	Rajendra Nath Mohanta	55	Male	Senior Engineer	Quality Control	19.06.2023	PME0679/23
319	1090934	Anoop Tiwari	24	Male	Graduate Engineer Trainee	Blast Furnace	19.06.2023	PME0680/23
320	1022251	Brajesh Kumar Pandey	49	Male	Assistant Engineer	Quality Control	20.06.2023	PME0681/23
321	1021730	Rahul Singh	43	Male	Deputy Manager	Pellet Plant	20.06.2023	PME0682/23
322	1021898	Sukh Lal	50	Male	Technician	Pellet Plant	20.06.2023	PME0683/23
323	1022053	Narmada Das	53	Male	Technician	Pellet Plant	20.06.2023	PME0684/23
324	1021694	Prakash Mahapatra	44	Male	Senior Engineer	Quality Control	21.06.2023	PME0685/23
325	1088590	Mahendra Kumar Singh	34	Male	Engineer	Steel Melting Shop(SMS)	21.06.2023	PME0686/23
326	1022373	Laxman Prajapati	45	Male	Senior Technician	Pellet Plant	21.06.2023	PME0687/23
327	1015659	Nilesh Upadhyay	37	Male	Manager	Pellet Plant	21.06.2023	PME0688/23
328	1019665	Bhupendra Kumar Malhotra	37	Male	Deputy Manager	Pellet Plant	21.06.2023	PME0689/23

329	1020042	Md Saif Anwar	29	Male	Deputy Manager	Quality Control	21.06.2023	PME0690/23
330	1020658	Amit Kumar Dewangan	31	Male	Assistant Manager	Steel Melting Shop(SMS)	22.06.2023	PME0691/23
331	1022488	Brij Kishore Prasad	43	Male	Senior Assistant	Logistics/ PPC/CSD	22.06.2023	PME0692/23
332	1022131	Pratap Naik	41	Male	Technician	Blast Furnace	22.06.2023	PME0693/23
333	1019654	Rupesh Mishra	38	Male	Senior Engineer	Pellet Plant	22.06.2023	PME0694/23
334	1022606	Bibhuti Bhushan Biswal	43	Male	Senior Technician	Pellet Plant	22.06.2023	PME0695/23
335	1022433	Amar Kumar Majhi	38	Male	Junior Engineer	Blast Furnace	22.06.2023	PME0696/23
336	1020088	Santosh Sherke	37	Male	Assistant Manager	Central Maintenance (CMD)	23.06.2023	PME0697/23
337	1019664	Manoj Kumar Samantaray	39	Male	Deputy Manager	Pellet Plant	23.06.2023	PME0698/23
338	1022395	Prakash Mohan Mishra	47	Male	Assistant Officer	Purchase & Commercial	23.06.2023	PME0699/23
339	1021864	Bijendra Kumar Mourya	54	Male	Senior Technician	Central Maintenance (CMD)	26.06.2023	PME0700/23
340	1088804	Sambit Kumar Mohanta	32	Male	Junior Engineer	Steel Melting Shop(SMS)	26.06.2023	PME0701/23
341	1020653	Ajay Kumar Singh	53	Male	General Manager	Steel Melting Shop(SMS)	26.06.2023	PME0702/23
342	1088803	Aravind M	30	Male	Deputy Manager	Quality Control	27.06.2023	PME0703/23
343	1022250	Anil Kumar Singh	54	Male	Senior Technician	Central Utilities	27.06.2023	PME0704/23
344	1022431	Kanhaiya Ram	50	Male	Senior Technician	Bar Mill	27.06.2023	PME0705/23
345	1020563	Sanjay Kumar Choudhary	42	Male	Senior Engineer	Bar Mill	29.06.2023	PME0706/23
346	2978842	Alok Namdeo	39	Male	Assistant Manager	Pellet Plant	29.06.2023	PME0707/23
347	1022535	Raj Kumar Mahato	53	Male	Senior Technician	Steel Melting Shop(SMS)	01.07.2023	PME0708/23
348	1021781	Ram Samujh	49	Male	Assistant Engineer	Environment, Health & Safety	03.07.2023	PME0709/23
349	1022167	Nakul Ram Chouhan	52	Male	Technician	Steel Melting Shop(SMS)	03.07.2023	PME0710/23
350	1020507	Dwarika Prasad Sahu	39	Male	Assistant Manager	Pellet Plant	03.07.2023	PME0711/23
351	1021907	Dhanpal Saha	54	Male	Junior Engineer	Central Maintenance (CMD)	05.07.2023	PME0712/23
352	1022586	Arun Kumar Rathia	32	Male	Staff	Central Maintenance (CMD)	05.07.2023	PME0713/23
353	3001087	Lalashree D Samantaray	38	Male	Manager	Pellet Plant	05.07.2023	PME0714/23
354	1020538	Sanny Bansod	38	Male	Engineer	Blast Furnace	05.07.2023	PME0715/23
355	1022547	Madan Mohan Nayak	39	Male	Manager	Pellet Plant	05.07.2023	PME0716/23
356	1022608	Chandra Shekhar Patel	37	Male	Junior Engineer	Pellet Plant	05.07.2023	PME0717/23
357	1022613	Paras Nath Sriwas	48	Male	Senior Technician	Pellet Plant	05.07.2023	PME0718/23
358	1093768	Ashutosh Kumar	30	Male	Assistant Manager	Pellet Plant	05.07.2023	PME0719/23
359	3000214	Anand Rao V S	56	Male	Deputy General Manager	Pellet Plant	06.07.2023	PME0720/23
360	1019656	Prashant Soni	32	Male	Assistant Manager	Pellet Plant	06.07.2023	PME0721/23

361	1020083	Rajesh Kumar Mishra	34	Male	Deputy Manager	Pellet Plant	06.07.2023	PME0722/23
362	1048388	Akhilesh Kumar Tiwari	36	Male	Deputy Manager	Pellet Plant	06.07.2023	PME0723/23
363	1087468	Mukesh Pal	31	Male	Engineer	Pellet Plant	06.07.2023	PME0724/23
364	1022617	Arabinda Parida	31	Male	Technician	Pellet Plant	06.07.2023	PME0725/23
365	1022607	P. Jayadev	43	Male	Senior Technician	Pellet Plant	07.07.2023	PME0726/23
366	1022567	Chandan Singh Patel	37	Male	Senior Technician	Pellet Plant	07.07.2023	PME0727/23
367	1022401	Purna Chandra Kar	44	Male	Senior Technician	Steel Melting Shop(SMS)	07.07.2023	PME0728/23
368	1022611	Dileshwar Pradhan	52	Male	Senior Technician	Pellet Plant	10.07.2023	PME0729/23
369	1019652	Manish Kumar	35	Male	Manager	Pellet Plant	10.07.2023	PME0730/23
370	3001469	Nilanjan Saha	38	Male	Senior Engineer	Pellet Plant	11.07.2023	PME0731/23
371	1022518	Basisth Kumar Dubey	48	Male	Junior Engineer	Pellet Plant	11.07.2023	PME0732/23
372	1019794	Manish Kumar	30	Male	Assistant Engineer	Steel Melting Shop(SMS)	14.07.2023	PME0733/23
373	1087524	Duleshwar Prasad	28	Male	Assistant Engineer	Steel Melting Shop(SMS)	14.07.2023	PME0734/23
374	1022410	Nibaran Mukherjee	49	Male	Senior Technician	Steel Melting Shop(SMS)	14.07.2023	PME0735/23
375	1021932	Anil Kumar Sahu	39	Male	Senior Technician	Lime Plant	14.07.2023	PME0736/23
376	1021780	Rajkumar Patel	55	Male	General Manager	Lime Plant	14.07.2023	PME0737/23
377	1092896	Pradeep Kumar Singh Choudhary	33	Male	Engineer	Pellet Plant	14.07.2023	PME0738/23
378	1087219	Rahul Kumar Barnwal	26	Male	Assistant Engineer	Quality Control	17.07.2023	PME0739/23
379	1090923	Rahul Mandal	22	Male	Graduate Engineer Trainee	Pellet Plant	17.07.2023	PME0740/23
380	1089357	Jogeswar Pradhan	33	Male	Senior Engineer	Pellet Plant	19.07.2023	PME0741/21
381	1090093	Hiranyakeshari Biswal	38	Male	Engineer	Blast Furnace	19.07.2023	PME0742/23
382	1091428	Dishant Sharma	22	Male	Graduate Engineer Trainee	Pellet Plant	18.07.2023	PME0743/23
383	1022036	Sukh Lal Yadav	50	Male	Staff	Steel Melting Shop(SMS)	20.07.2023	PME0744/23
384	1019657	Navin Chand	38	Male	Manager	Pellet Plant	20.07.2023	PME0745/23
385	1022513	Kranti Kumar Gupta	42	Male	Senior Manager	Pellet Plant	20.07.2023	PME0746/23
386	1020515	Himanshu Srivastava	42	Male	Deputy Manager	Pellet Plant	20.07.2023	PME0747/23
387	1089800	Satwik Bohidar	36	Male	Manager	Pellet Plant	20.07.2023	PME0748/23
388	1022307	Rajesh Kumar Chouhan	49	Male	Assistant Manager	Pellet Plant	21.07.2023	PME0749/23
389	1092288	Md. Ahtesam Faruque	35	Male	Assistant Manager	Pellet Plant	21.07.2023	PME0750/23
390	1092332	Sannyasi Nandi	34	Male	Engineer	Blast Furnace	24.07.2023	PME0751/23
391	1034573	Ashish Verma	40	Male	Senior Manager	Bar Mill	28.07.2023	PME0752/23
392	1022484	Devendra Girhepuje	49	Male	Senior Manager	Steel Melting Shop(SMS)	28.07.2023	PME0753/23
393	1025848	Onumu Jagadeesh Kumar	32	Male	Assistant Manager	Blast Furnace	28.07.2023	PME0754/23
394	1020570	Ram Kumar Patel	39	Male	Engineer	Quality Control	31.07.2023	PME0755/23
395	1034735	Kamal Kishor Chandraker	36	Male	Senior Manager	Bar Mill	31.07.2023	PME0756/23

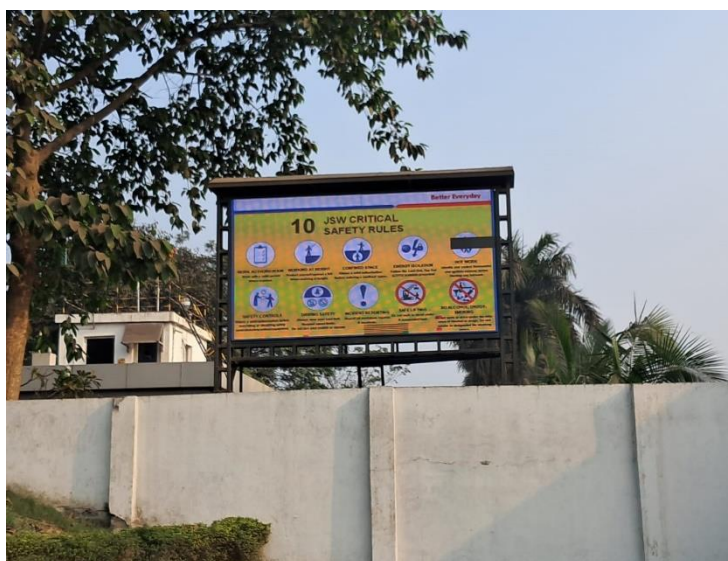
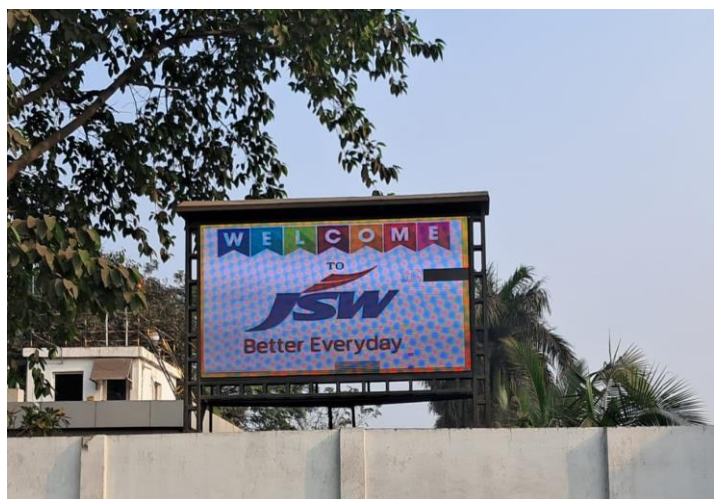
396	1019791	Rajkishore Pradhan	32	Male	Deputy Manager	Bar Mill	31.07.2023	PME0757/23
397	1015096	Aditya Khandekar	47	Male	Deputy General Manager	Pellet Plant	31.07.2023	PME0758/23
398	1020098	Satya Narayan Panda	49	Male	Senior Manager	Quality Control	31.07.2023	PME0759/23
399	1021773	Ravinder Singh Vilkoo	51	Male	Deputy Manager	Quality Control	01.08.2023	PME0760/23
400	1022124	Mani Ram Kewat	49	Male	Technician	Lime Plant	02.08.2023	PME0761/23
401	1022526	Ram Narayan Miri	57	Male	Assistant Engineer	Steel Melting Shop(SMS)	03.08.2023	PME0762/23
402	1021906	Pitru Sahu	50	Male	Technician	Lime Plant	03.08.2023	PME0763/23
403	1020031	Sk. Abid Hossain	37	Male	Engineer	Quality Control	04.08.2023	PME0764/23
404	1021988	Pradeep Rai	46	Male	Senior Technician	Central Maintenance (CMD)	04.08.2023	PME0765/23
405	1020579	Pawan Kumar Yadav	30	Male	Senior Officer	Human Resource	04.08.2023	PME0766/23
406	1022273	Rajesh Kumar Gupta	52	Male	Assistant Manager	Human Resource	04.08.2023	PME0767/23
407	1022271	Vijay Kumar Singh	45	Male	Senior Technician	Central Maintenance (CMD)	05.08.2023	PME0768/23
408	1022000	Siya Ram Naik	55	Male	Staff	Central Maintenance (CMD)	05.08.2023	PME0769/23
409	1022229	Rajendra Ku. Bandhey	48	Male	Senior Technician	Central Maintenance (CMD)	05.08.2023	PME0770/23
410	1021967	Bikram Das Mahant	39	Male	Senior Technician	Central Maintenance (CMD)	05.08.2023	PME0771/23
411	1022196	Akhilesh Kumar Mehta	47	Male	Senior Technician	Central Maintenance (CMD)	17.04.2023	PME0408/23
412	1022590	Manjeet Singh Rathia	38	Male	Staff	Central Maintenance (CMD)	05.08.2023	PME0773/23
413	1022183	Laxmi Narayan	47	Male	Senior Technician	Central Maintenance (CMD)	05.08.2023	PME0774/23
414	1022585	Narayan Rathia	42	Male	Staff	Central Maintenance (CMD)	05.08.2023	PME0775/23
415	1020550	Pradeep Kumar Singh	41	Male	Senior Engineer	Steel Melting Shop(SMS)	07.08.2023	PME0776/23
416	1020066	Rahul Singh	37	Male	Senior Manager	Steel Melting Shop(SMS)	07.08.2023	PME0777/23
417	1022591	Vishii Keshan	46	Male	Staff	Central Maintenance (CMD)	07.08.2023	PME0778/23
418	1021886	Trilochan Das Mahant	38	Male	Technician	Central Maintenance (CMD)	07.08.2023	PME0779/23
419	1022589	Raj Kumar Khadiya	40	Male	Staff	Central Maintenance (CMD)	07.08.2023	PME0780/23

420	1022087	Gunshegran Mudliyar	56	Male	Junior Engineer	Central Maintenance (CMD)	07.08.2023	PME0781/23
421	1022209	Naresh Kumar Kariyare	40	Male	Technician	Central Maintenance (CMD)	07.08.2023	PME0782/23
422	1022489	Karna Meher	48	Male	Junior Engineer	Central Maintenance (CMD)	07.08.2023	PME0783/23
423	1022548	Rajeshwar Sah	38	Male	Senior Technician	Central Maintenance (CMD)	07.08.2023	PME0784/23
424	1022367	Amarnath Yadav	34	Male	Junior Engineer	Steel Melting Shop(SMS)	07.08.2023	PME0785/23
425	1020517	Ratan Kumar Paul	46	Male	Engineer	Quality Control	07.08.2023	PME0786/23
426	1022634	Ashok Kumar Mallick	41	Male	Assistant General Manager	Central Maintenance (CMD)	08.08.2023	PME0787
427	1022077	Lochan Prasad Patel	42	Male	Junior Engineer	Civil	08.08.2023	PME0788/23
428	1022478	Vijay Bahadur Singh	41	Male	Senior Technician	Steel Melting Shop(SMS)	08.08.2023	PME0789/23
429	1022203	Krishna Kumar	36	Male	Senior Engineer	Quality Control	08.08.2023	PME0790/23
430	1022008	Tej Ram Rathiya	39	Male	Staff	Horticulture	08.08.2023	PME0791/23
431	1034301	Somen Banerjee	56	Male	Deputy General Manager	Quality Control	08.08.2023	PME0792/23
432	1022172	Pradip Kumar Rai	40	Male	Technician	Central Maintenance (CMD)	08.08.2023	PME0793/23
433	1022228	Raju Yadav	53	Male	Senior Technician	Central Maintenance (CMD)	08.08.2023	PME0794/23
434	1021743	Ravindra Kumar Rathore	46	Male	Senior Technician	Central Maintenance (CMD)	08.08.2023	PME0795/23
435	1088268	Nitin Thakur	32	Male	Engineer	Pellet Plant	08.08.2023	PME0796/23
436	1020531	Rajesh H Kohad	41	Male	Senior Engineer	Quality Control	08.08.2023	PME0797/23
437	1020111	Vikash Kumar Singh	42	Male	Assistant Manager	Quality Control	08.08.2023	PME0798/23
438	1024551	Ankit Ranjan	27	Male	Engineer	Civil	08.08.2023	PME0799/23
439	1025617	Vikas Kumar Maurya	25	Male	Assistant Manager	Quality Control	08.08.2023	PME0800/23
440	1022325	Raj Mangal Yadav	39	Male	Senior Technician	Steel Melting Shop(SMS)	09.08.2023	PME0801/23
441	1022210	Murlidhar Malakar	35	Male	Technician	Central Maintenance (CMD)	09.08.2023	PME0802/23
442	1021904	Punji Ram Chauhan	53	Male	Junior Engineer	Quality Control	09.08.2023	PME0803/23
443	1021815	Govind Ram Jatwar	53	Male	Technician	Civil	09.08.2023	PME0804/23
444	1088800	Vasudev Nishad	L04	Male	Junior Engineer	Quality Control	09.08.2023	PME0805/23
445	1090929	Gaurav Jain	23	Male	Graduate Engineer Trainee	Central Maintenance (CMD)	09.08.2023	PME0806/23

446	1022635	Santosh Kumar Sahu	31	Male	Staff	Central Maintenance (CMD)	10.08.2023	PME0807/23
447	1090692	Sakshi Chandrakar	23	Female	Graduate Engineer Trainee	Quality Control	10.08.2023	PME0808/23
448	1022013	Vidya Nand Patel	51	Male	Junior Engineer	Quality Control	10.08.2023	PME0809/23
449	1022274	Ram Lakhan Shaw	48	Male	Senior Technician	Central Maintenance (CMD)	10.08.2023	PME0810/23
450	1021873	Dooj Ram Verma	47	Male	Senior Technician	Central Maintenance (CMD)	10.08.2023	PME0811/23
451	1088801	Mahesh Kumar Sahu	26	Male	Junior Engineer	Quality Control	10.08.2023	PME0812/23
452	1020527	Liladhar Rajput	30	Male	Assistant Engineer	Quality Control	11.07.2023	PME0813/23
453	1022409	Sanjay Parida	42	Male	Technician	Central Maintenance (CMD)	11.08.2023	PME0814/23
454	1022356	Mukund Maurari Singh	52	Male	Senior Technician	Lime Plant	11.08.2023	PME0815/23
455	1022079	Om Prakash Dansena	45	Male	Junior Engineer	Civil	11.08.2023	PME0816/23
456	1090939	Parepalli Sai Chetana	23	Female	Graduate Engineer Trainee	Civil	12.08.2023	PME0817/23
457	1021852	Raghunath Samantray	52	Male	Assistant Engineer	Central Maintenance (CMD)	14.08.2023	PME0818/23
458	1021746	Ashok Kumar Verma	47	Male	Engineer	Central Maintenance (CMD)	14.08.2023	PME0819/23
459	1021844	Dindayal Sahu	41	Male	Senior Technician	Lime Plant	18.08.2023	PME0820/23
460	1022078	Binod Singh	51	Male	Junior Engineer	Civil	18.08.2023	PME0821/23
461	1022462	Pushpendra Kumar Jha	42	Male	Assistant Engineer	Civil	18.08.2023	PME0822/23
462	1019802	Omprakash Sinha	52	Male	Senior Engineer	Quality Control	18.08.2023	PME0823/23
463	1022583	Dushyant Kumar Rathia	31	Male	Staff	Pellet Plant	18.08.2023	PME0824/23
464	1090833	Arpon Samui	24	Male	Graduate Engineer Trainee	Quality Control	21.08.2023	PME0825/23
465	1021726	Pitamber Prasad Patel	58	Male	Deputy Manager	Civil	21.08.2023	PME0826/23
466	1088565	Himanshu Sahu	26	Male	Junior Engineer	Quality Control	21.08.2023	PME0827/23
467	1021841	Alekh Ram Dansena	55	Male	Junior Engineer	Civil	22.08.2023	PME0828/23
468	1022111	Ganesh Das Mahant	39	Male	Junior Engineer	Civil	22.08.2023	PME0829/23
469	1021831	Nageshwar Prasad Soni	45	Male	Senior Technician	Pellet Plant	22.08.2023	PME0830/23
470	1022432	Udaypal Singh Tomar	44	Male	Junior Engineer	Steel Melting Shop(SMS)	24.08.2023	PME0831/23
471	1022461	Bhupendra Kumar	46	Male	Senior Technician	Civil	25.08.2023	PME0832/23
472	1022515	Akhilesh Yadav	45	Male	Senior Technician	Steel Melting Shop(SMS)	28.08.2023	PME0833/23
473	1021883	Ajay Kr. Sahu	35	Male	Staff	Civil	28.08.2023	PME0834/23
474	1021965	Kamalesh Patel	47	Male	Senior Technician	Civil	28.08.2023	PME0835/23

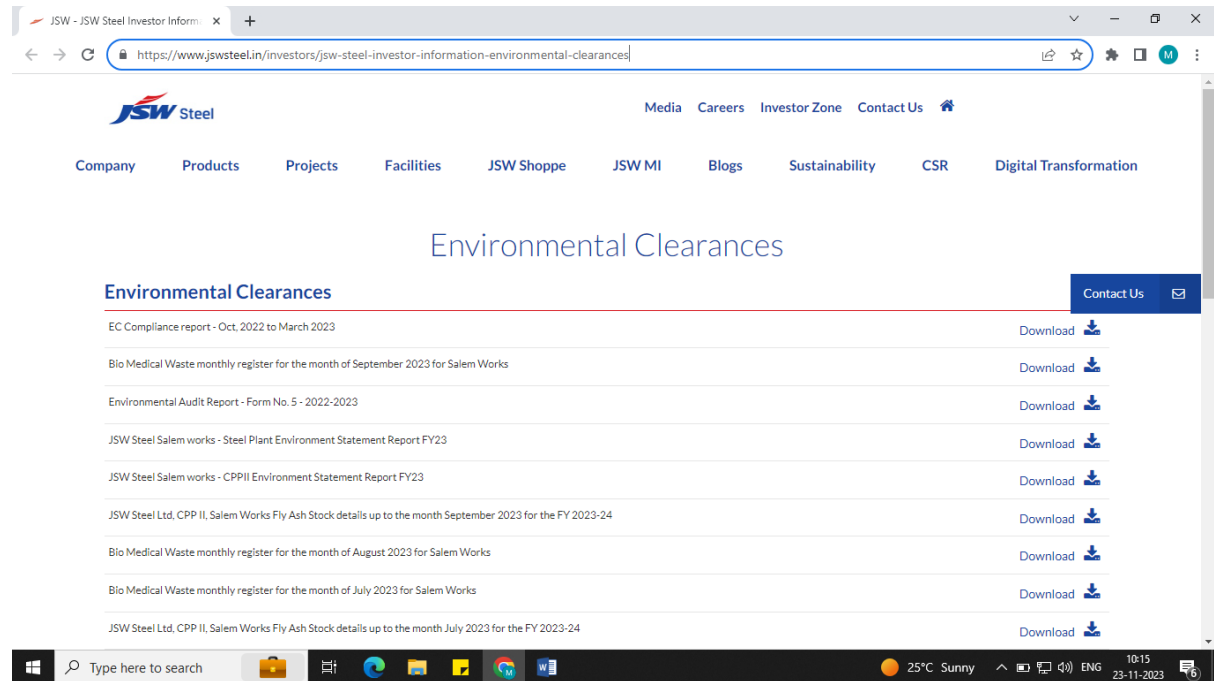
475	1022080	Leeladhar Das	43	Male	Junior Engineer	Civil	28.08.2023	PME0836/23
476	1021963	Dinesh Kumar Tiwari	38	Male	Senior Technician	Civil	29.08.2023	PME0837/23
477	1022031	Naresh Kumar	38	Male	Staff	Civil	01.09.2023	PME0838/23
478	1021885	Khem Raj Nayak	50	Male	Staff	Civil	04.09.2023	PME0839/23
479	1025613	Shubham Kumar Gupta	26	Male	Assistant Manager	Steel Melting Shop(SMS)	05.09.2023	PME0840/23
480	1022473	Ravindra Kumar Gupta	43	Male	Junior Engineer	Steel Melting Shop(SMS)	06.09.2023	PME0841/23
481	1020514	Nitish Kumar	31	Male	Assistant Manager	Steel Melting Shop(SMS)	08.09.2023	PME0842/23
482	1090188	Heeralal Kumar	34	Male	Engineer	Steel Melting Shop(SMS)	11.09.2023	PME0843/23
483	1088170	Pushapraj Sahu	28	Male	Assistant Engineer	Steel Melting Shop(SMS)	13.09.2023	PME0844/23
484	1021985	Prakash Kumar	47	Male	Junior Engineer	Raw Materials Handling System	21.09.2023	PME0845/23
485	1022404	Jitendra Kumar Pandit	41	Male	Technician	Steel Melting Shop(SMS)	25.09.2023	PME0846/23
486	1022418	Dhanjee Singh	43	Male	Technician	Steel Melting Shop(SMS)	25.09.2023	PME0847/23
487	1022494	Sunil Kumar Jha	53	Male	Senior Technician	Steel Melting Shop(SMS)	26.09.2023	PME0848/23
488	3100829	Ishan Acharya	38	Male	Manager	Central Maintenance (CMD)	27.09.2023	PME0849/23

Annexure V (Display Board)












Annexure-VI- Website Display of EC Compliance Reports

<https://www.jswsteel.in/investors/jsw-steel-investor-information-environmental-clearances>



The screenshot displays the JSW Steel website's 'Environmental Clearances' page. The header includes the JSW Steel logo and navigation links: Media, Careers, Investor Zone, Contact Us, Company, Products, Projects, Facilities, JSW Shoppe, JSW MI, Blogs, Sustainability, CSR, and Digital Transformation. The main heading is 'Environmental Clearances'. Below it, a table lists several reports with 'Download' links and icons.

Report Title	Action
EC Compliance report - Oct, 2022 to March 2023	Download 
Bio Medical Waste monthly register for the month of September 2023 for Salem Works	Download 
Environmental Audit Report - Form No. 5 - 2022-2023	Download 
JSW Steel Salem works - Steel Plant Environment Statement Report FY23	Download 
JSW Steel Salem works - CPPII Environment Statement Report FY23	Download 
JSW Steel Ltd, CPP II, Salem Works Fly Ash Stock details up to the month September 2023 for the FY 2023-24	Download 
Bio Medical Waste monthly register for the month of August 2023 for Salem Works	Download 
Bio Medical Waste monthly register for the month of July 2023 for Salem Works	Download 
JSW Steel Ltd, CPP II, Salem Works Fly Ash Stock details up to the month July 2023 for the FY 2023-24	Download 

The bottom of the screenshot shows a Windows taskbar with the search bar, task icons, and system tray information including temperature (25°C), weather (Sunny), and date/time (10:15, 23-11-2023).