



# BALMUKUND

## SPONGE & IRON PVT. LTD.

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 CIN : U27310WB1999PTC266185  
 (An ISO 9001 : 2008 & ISO 14001 : 2004 Company)  
 15<sup>th</sup> May, 2026

The Zonal Officer,  
 Integrated Regional Office of Ministry of Environment, Forest & Climate Change,  
 Govt. of India, Eastern Central Zone,  
 2nd Floor, Jharkhand State Housing Board (HQ)  
 Harmu Chowk,  
Ranchi (Jharkhand)-834 002

Sub : EC compliance report for the period from October, 2025 to March, 2026 of conditions as laid down in Environmental Clearance issued by Ministry of Environment and Forest & Climate Change (MoEF & CC), Govt. of India

Ref : EC No. IA-J-11011/229/2022-IA-II(IND-I) dt.01.03.2025 granted to Balmukund Sponge & Iron Pvt. Ltd. (Sponge Division), located at Mauza: Manjhiladih, P.O. Gadi Srirampur, Dist. Giridih, State- Jharkhand

Status: Existing-Sponge Iron manufacturing Plant (90000 TPA); Proposed Plant : Land exists; Construction/Installation – Not commenced; CTE – Application submitted – grant of CTE obtained.

Sir,

With reference to the subject above, we are submitting our compliance to the conditions of Environment Clearance granted to us by the Ministry of Environment and Forests & Climate Change, Govt. of India to enhance Sponge Iron Production Capacity from 90,000 TPA to 99,000 TPA (by increasing number of operating days of existing 3x100 TPD DRI Plant) along with installation of 12.5 MW Captive Power Plant (WHRB – 6 MW & AFBC – 6.5 MW) for the period from 01st October, 2025 to 31<sup>st</sup> March, 2026 as follows :

### 1. Specific Conditions :

Sl. No.	Conditions	Compliance
1.1	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	We will abide by the final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as applicable.
1.2	The project proponent shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.	We will comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project will be implemented.
1.3	The project proponent shall utilize modern technologies for capturing carbon emission and shall also develop adequate carbon sink/ carbon sequestration resources with an aim to meet the carbon neutrality mission in a time bound manner. The implementation report shall be submitted to the IRO, MoEF & CC in this regard.	We will utilize modern technologies for capturing carbon emission and will also develop adequate carbon sink/carbon sequestration resources with an aim to meet the carbon neutrality mission in a time bound manner. The implementation report in this regard will be submitted to the IRO, MoEF & CC before start of project operation.



Sl. No.	Conditions	
1.4	Chatro Village is at a distance of 0.27 km in East direction, Sirsia PF is at a distance of 0.70 km in South direction, Mahuatnr PF is at a distance of 0.34 km in South direction along with other sensitive areas within the study area of the project site. Proponent shall take appropriate environmental safeguard measures to minimise the impact on the habitation of the locals. The project proponent needs to strengthen green belt all around the plant area to reduce the dust pollution. The PP shall also include some of these locations in its environmental monitoring programme. PP shall also commission adequate number of mobile truck mounted Fog/ Mist type of water sprinklers in the surrounding villages/ schools also on a periodic basis.	We will take appropriate environmental safeguard measures to minimize the impact on the habitation of the locals. We will strengthen green belt all around the plant area to reduce the dust pollution. We will also include some of the locations in our environmental monitoring program as directed. We will also commission adequate number of mobile truck of water sprinklers in the surrounding villages/ schools periodically.
1.5	Usri River is at a distance of 1.25 km in the East along with other water bodies within the study area of the project site. A robust and full proof Drainage Conservation scheme to protect the natural drainage and its flow parameters; along with Soil conservation scheme and multiple Erosion control measures shall be implemented.	We will strictly adhere to "Zero Discharge" out of plant premises to protect the natural drainage and its flow parameters, soil conservation and erosion control.
1.6	The existing water requirement is 80 m <sup>3</sup> /day, which is obtained from groundwater. The water requirement for the proposed project is estimated as 313 m <sup>3</sup> /day which will also be met from the groundwater. PP shall obtain necessary permission from the Competent Authority in this regard as applicable. As committed, the company shall withdraw surface water from Usri River. Consequent to laying of pipeline, groundwater shall not be used. PP shall obtain necessary permission from the Competent Authority in this regard. The project proponent shall ensure that the dedicated water pipeline from the Usri River intake point to the project site reservoir is laid and made operational before the commencement of production in the Sponge Iron Plant and Power Plant. The proponent shall obtain all necessary statutory approvals from relevant government departments within the stipulated timeline and complete the pipeline laying process as per the commitments made. Progress,	We have obtained NOC from Central Ground Water Board for 393 KLD (For Existing plant - 80 KLD + For Proposed Plant-313 KLD). After installation of the proposed plant we will set up borewells for withdrawal of 313 KLD ground water. As proposed regarding withdrawal of surface water from Usri River, a recommendation in our favour by Water Resources Deptt., Jharkhand has been sent to DVRRC, Maithan, Dhanbad vide their letter No.772 dt.04.09.2024, copy submitted earlier with previous EC Compliance. DVRRC has allocated us surface water from Usri River vide letter No.MD/DVRR/w-6(146)BSIPL/2023/99-105 dt.06.02.2025, copy submitted. We assure that the dedicated water pipeline from the Usri River intake point to the project site reservoir will be laid and made operational before the commencement of production in the Sponge Iron Plant with increased capacity and Power Plant. We are in process with relevant government departments so that pipe-line laying work may be initiated.



Sl. No.	Conditions	Compliance
	updates, including permissions, surveys, and construction status, shall be included in the half-yearly compliance reports submitted to the Ministry.	
1.7	Three tier Green Belt shall be maintained in at least 33% of the project area, as committed, of adequate width and tree density shall not be less than 2500 per ha. Survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years. PP shall also develop greenbelt in the form of shelter belt comprising of total of 6 rows of 2x2 m plantation with tall trees & broad leaves with thick canopy along with windshield inside the plant premises to act as green barrier for air pollution & noise levels towards sensitive areas nearby project site. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF & CC.	The condition will be complied with as directed. Survival rate of green belt developed will be monitored on periodic basis and damaged plants will be replaced with new plants. We will develop greenbelt with tall trees & broad leaves with thick canopy along with windshield inside the plant premises to act as green barrier for air pollution & noise levels towards sensitive areas nearby project site, if any and compliance status in this regard, will be submitted to concerned Regional Office of the MoEF & CC.
1.8	The PP shall undertake plantation, in compliance to MoEFCC OM dated 24.07.2024, in the earmarked 33% or 40% greenbelt area, as the case may be, as a part of tree plantation campaign 'Ek Ped Maa Ke Naam' Campaign and the details of the same shall be uploaded on MeriLiFE portal at ( <a href="https://merilife.nic.in">https://merilife.nic.in</a> )	The condition will be complied with. 'Ek Ped Maa Ke Naam' Campaign will be implemented will also be implemented.
1.9	All the commitments made towards socio-economic development of the nearby villages shall be satisfactorily implemented. The action plan based on the social impact assessment study of the project as per the EMP in accordance to the Ministry's OM dated 30.09.2020 amounting to Rs. 1.09 Crores and Recurring of Rs. 0.015 Crores shall be strictly implemented and progress shall be submitted to the Regional Office of MoEF & CC.	The condition will be complied with and progress will be submitted to concerned Regional Office of the MoEF & CC.
1.10	The project proponent shall undertake village adoption programme and prepare and implement the action plan to develop them into a model village in consultation with State Administration.	The condition will be complied with in consultation with State Administration.



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(An ISO 9001 : 2008 & ISO 14001 : 2004 Company)

Sl. No.	Conditions	Compliance
1.11	The recommendations of the approved Site-Specific Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report to the concerned Regional Office of the MoEF&CC.	Our plant will/does not involve any forest land and also there is no Reserved Forest, no Biosphere Reserve/ National Park/ Wildlife Sanctuary present in 10 km study area. Our proposed plant is also not installed yet. Approved Site-Specific Wildlife Management Plan will be implemented after installation of the proposed plant. Also Site-Specific Wildlife Management Plan approved for implementation is based on Clause 7 of the Office Order No.54 dt.27.08.2024 issued by PCCF,W & CWW, Jharkhand, Clause 7 of this Office Order has been quashed by PCCFW & CWW, Jharkhand vide Office Order No.15 dt.28.03.2025. So, no demand stands on us at this stage. SWLMP will be implemented after new demand is raised and after proposed plant is installed.
1.12	PP shall install CO sensors with alarm at strategic locations in the Plant.	The condition will be complied with.
1.13	The PP shall ensure compliance of OM dated 14-01-2025 regarding streamlining the implementation of GSR 702 and GSR 703 dated 12-11-2024 through which projects requiring prior EC were exempted from requirement of CTE.	N.A.

### Standard EC Conditions for (Metallurgical Industries (ferrous and non-ferrous))

#### 1. Statutory Compliance

Sl. No.	Conditions	Compliance
1.1	The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/construe to approvals/consent/permissions, etc., required to be obtained or standards/conditions to be followed under any other Acts/ Rules/ Subordinate legislations, etc., as may be applicable to the project.	The required piece of land has been obtained with all legal rights. We have obtained CTE No. JSPCB/HO/RNC/CTE-23644258/2026/104 Dtd. 28.04.2026 from JSPCB to Establish the proposed plant & enhance the production capacity of Sponge Iron. Now we will apply for grant of CTO. The proposed plant is under process to establish.
1.2	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	The applicable condition, if any, will be complied with,

**2. Air Quality Monitoring And Preservation**

Sl. No.	Conditions	Compliance
2.1	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as Continuous Ambient Air Quality Station (CAAQMS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier Specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	We have installed 24x7 continuous emission monitoring system at process stacks in our existing Sponge Iron manufacturing plant to monitor stack emission and Ambient Air Quality within the premises. Installed CEMS and CAAQMS are connected to SPCB and CPCB online servers. We get calibrated these systems yearly according to equipment supplier Specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. Valid Calibration Certificates have been submitted with earlier EC Compliance. The said facility will be provided to the emitting stacks in our Captive Power Plant also with PCE.
2.2	The project proponent shall carryout Continuous Ambient Air Quality monitoring for common/criterion para-meters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.	Continuous Ambient Air Quality monitoring system is installed within our premises and data is being regularly transmitted to JSPCB and CPCB. We will monitor common/criterion parameters relevant to the main pollutants released manually by engaging accredited NABL laboratory at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions as directed.
2.3	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	We are getting monitored fugitive emission quarterly at required places by engaging accredited NABL laboratory. The same will also be continued after installation of proposed plant and also during its operation.
2.4	Sampling facility at process stacks shall be provided as per CPCB guidelines for manual monitoring of emissions.	We will provide sampling facility at process stacks as per CPCB guidelines for manual monitoring of emissions.
2.5	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.	We will provide appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
2.6	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	We will provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.



Sl. No.	Conditions	Compliance
2.7	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.	We will provide Sufficient number of mobile or stationery vacuum cleaners to clean plant roads, shop floors, roofs, regularly.
2.8	Ensure covered transportation and conveying of raw material to prevent spillage and dust generation. The project proponent use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.	We assure to transport/carry raw materials in leak proof trucks/dumpers and also covered with tarpaulin.
2.9	The project proponent shall provide primary and secondary fume extraction system at all heat treatment furnaces.	ESPs are installed in our existing Sponge Iron manufacturing unit. We will provide ESPs at Captive Power Plant to be installed after obtaining CTE.
2.10	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.	Wind shelter fence will be provided in addition to water spraying in the raw material stock yard, if required.
2.11	Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.	We have provided ventilation for adequate air changes as per norms in existing Sponge Iron manufacturing unit. The same will be provided in our Captive Power Plant.
2.12	Pollution control system in the plant shall be provided as per the CREP Guidelines of CPCB.	We will provide pollution control systems as per CREP Guidelines of CPCB.
2.13	The project proponent shall adopt the Clean Air practices like mechanical collectors, wet scrubbers, fabric filters (bag houses), electrostatic precipitators, combustion systems (thermal oxidizers), condensers, absorbers, absorbers, and biological degradation. Controlling emissions related to transportation shall include emission controls on vehicles as well as use of cleaner fuels. Sufficient numbers of additional truck mounted Fog/Mist water cannons shall be procured and operated regularly inside the project premises and also in the surrounding villages to arrest suspended dust in the atmosphere.	We will adopt Clean air Practices by providing dust collector, wet scrubbers, bag filters, ESP, combustion systems, condensers, absorbers whichever will be applicable to us to control air pollution. We will provide fixed type / manual water sprinklers in addition to existing, if required. Water is/will be regularly sprinkled within the premises and approach road including surrounding villages to arrest suspended dust in the atmosphere.
2.14	Bag filters shall be cleaned regularly and efficiency of bag filter system shall be monitored at regular intervals.	We will clean bag filters regularly and maintain its efficiency and monitor it at regular intervals.
2.15	Water Sprinklers/Water mist system shall be installed near raw material yards, operational units and other strategic locations to control fugitive emissions from the plant.	We have installed sufficient water sprinklers within the existing premises. If required, more water sprinklers (fixed type and manual) will be provided including at strategic locations to control fugitive emissions from the plant.



Sl. No.	Conditions	Compliance
2.16	The particulate matter emissions from the process stacks shall be less than 30 mg/Nm <sup>3</sup> and measures shall be undertaken as per the submitted action plan. Efficient Air monitoring equipment shall be installed.	We will maintain particulate matter emission below 30 mg/Nm <sup>3</sup> and efficient air quality and quantity monitoring equipment will be installed.
2.17	Following additional arrangements to control fugitive dust shall be provided: a. Fog / Mist Sprinklers at all on bulk raw material storage area (at the transfer points) like Iron Ore, Coal and for Fly Ash and similar solid waste storage areas. b. Proper covered vehicle shall be used while transport of materials. c. Wheel washing mechanism shall be provided in entry and exit gates with complete recirculation system.	To control fugitive dust we will provide the following additional arrangements: a. Fog /Water Sprinklers at all bulk raw material storage area particularly at the transfer points like Iron Ore, Coal and for Fly Ash and similar solid waste storage areas. b. Properly covered vehicles will be used for transportation of materials. c. Wheel washing mechanism will be provided at entry and exit gates.
2.18	During operational phase at Captive Power Plant, Action Plan to monitor coke/coal dust exposures in different process plants using personal and area air samplers and to compare with permissible limits as per Indian Factories Act, 1948 shall be implemented.	We will monitor coke/coal dust exposures and control it within the permissible limit during operational phase of Captive Power Plant as per Factories Act, 1948.
2.19	The coal dust should be monitored at coal unloading, crushing, furnace areas and should be within 2 mg/m <sup>3</sup> , respirable dust fraction containing less than 5% quartz as per Indian Factories Act, 1948.	We will monitor coke/coal dust at coal unloading, crushing, boilers areas and will keep it within 2 mg/m <sup>3</sup> , respirable dust fraction containing less than 5% quartz as per Indian Factories Act, 1948.

### 3. Water Quality Monitoring And Preservation

Sl. No.	Conditions	Compliance
3.1	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	We will install 24x7 continuous effluent monitoring system, if applicable and connect it to SPCB and SPCB online servers. Analyzers will be calibrated annually through NABL laboratory. The facility is available in existing Sponge Iron manufacturing plant.
3.2	The project proponent shall monitor regularly ground water quality at least twice a year (pre- and post-monsoon) at sufficient numbers of piezometers/	We will monitor ground water quality twice a year as directed i.e. pre and post monsoon through labs recognized under Environment (Protection) Act, 1986 or



Sl. No.	Conditions	Compliance
	sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.	NABL accredited laboratories.
3.3	Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.	Garland drains and collection pits will be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off within premises.
3.4	Water meters shall be provided at the inlet to all unit processes in the steel plants.	Water meters will be provided at the inlet to all unit processes in the steel plants.
3.5	The project proponent shall make efforts to minimise water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.	We shall make efforts to minimize water consumption in our plant by reusing of used water again and again in each and every unit.
3.6	The proposed project shall be designed as Zero Liquid Discharge Plant. ETP shall be installed and there shall be no discharge of effluent from the plant. Domestic effluent shall be treated in Sewage Treatment Plant. Suitable measures shall be adopted for sewage water handling to ensure no Contamination of any kind of water body.	We will strictly adhere to Zero Liquid Discharge, ETP will be installed, if required, domestic waste water will be treated and reused in development of greenbelt within the premises. We assure not to contaminate of any kind of water body. ZLD norms will be followed strictly.
3.7	All stockyards shall have impervious flooring and shall be equipped with water spray system for dust suppression. Stock yards shall also have garland drains and catch pits to trap the run off material and shall be implemented as per the action plan submitted in EIA/EMP report.	Impervious concrete flooring with water spray system stock yards, with garland drains and catch pits will be provided to trap the run off material as per action plan submitted in EIA/EMP report.
3.8	Rain water harvesting shall be implemented to recharge/harvest water as per the action plan submitted in the EIA/EMP report.	We will install rain water harvesting system with ground water recharge facility as submitted in the EIA/EMP.
3.9	Air Cooled condensers shall be used in the captive power plant.	Air Cooled condensers will be used in the captive power plant which we assure.

#### 4. Noise Monitoring And Prevention

Sl. No.	Conditions	Compliance
4.1	Noise pollution shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and amendments thereof, and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	We will monitor noise pollution quarterly through NABL accredited laboratory and will submit report to Regional Officer of the Ministry as a part of six-monthly compliance report.



Sl. No.	Conditions	Compliance
4.2	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.	We will keep the noise levels within our premises below prescribed limit during day time 75 dB(A) and 70 dB(A) during night time.
4.3	PP shall identify extreme hot areas through heat stress survey as well as noise monitoring within process plants to ensure that workers not exposed above 90 dBA levels as per Factories Act, 1948.	We will comply with.

#### 5. Energy Conservation Measures

Sl. No.	Conditions	Compliance
5.1	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;	All electric bulbs used in the common areas, streets, parking around project area office, etc. are LED/Low Power Consumer within existing premises to finish the provision of solar power generation. The same will be continued in proposed plant also.
5.2	Provide LED lights in their offices and residential areas.	We will/have provide/provided LED lights in our office. LED lights in residential area, outside the factory premises has also been provided.

#### 6. Energy Conservation Measures In Case Of Dri Kilns (Sponge Iron)

Sl. No.	Conditions	Compliance
6.1	The project proponent shall provide waste heat recovery system on the DRI Kilns.	WHR System will be installed on the DRI kilns to recover the waste heat to generate 6 MW power.
6.2	The dolochar generated shall be used for power generation.	Dolochar generated in DRI Kilns will be reused for power generation as proposed.
6.3	Tar shall be recovered from producer gas and shall be sold to registered processors and phenolic water shall be incinerated in After Burn Chamber (ABC) of DRI kilns.	Tar, if any, generated or recovered will be sold to registered processors and phenolic water shall be incinerated in After Burn Chamber (ABC) of DRI kilns.
6.4	The PP shall implement the guidelines on sponge iron plants issued by the CPCB/SPCB in this regard.	The guidelines issued by the CPCB/SPCB in this regard will be complied with.

#### 7. Waste Management

Sl. No.	Conditions	Compliance
7.1	Oil Collection pits shall be provided in oil cellars to collect and reuse/recycle spilled oil.	Diesel is used in operation of D.G. Sets. Burnt mobil oil is collected and reused in smoothening the existing machineries within the premises.



Sl. No.	Conditions	Compliance
7.2	Kitchen waste shall be composted or converted to biogas for further use.	Kitchen waste is composted and used in development of greenbelt.
7.3	100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.	Fly ash generated during process will be given free of cost to fly ash brick manufacturers for their use as raw material. Memorandum of Understanding in this regard will be submitted to the Ministry's Regional Office.
7.4	The Plastic Waste Management Rules 2016, inter-alia, mandated banning of identified Single Use Plastic (SUP) items with effect from 01/07/2022. In this regard, CPCB has issued a direction to all the State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs) on 30/06/2022 to ensure the compliance of Notification published by Ministry on 12/08/2021. The technical guidelines issued by the CPCB in this regard is available at. <a href="https://cpcb.nic.in/technical-guidelines-3/">https://cpcb.nic.in/technical-guidelines-3/</a> . All the project proponents are hereby requested to sensitize and create awareness among people working within the Project area as well as its surrounding area on the ban of SUP in order to ensure the compliance of Notification published by this Ministry on 12/08/2021. A report, along with Photographs, on the measures taken shall also be included in the six monthly compliance report being submitted by the project proponents.	Will be complied with and report along with Photographs, on the measures taken will be submitted in the six monthly compliance report to concerned Regional Officer, MoEF & CC. We do not use Single Use Plastic (SUP). Steps will be taken to sensitize and create awareness among people working within the Project area as well as its surrounding area on the ban of SUP. Report, along with Photo-graphs, on the measures taken will be submitted along-with the six monthly compliance report to the Ministry's Regional Office. The proposed plant has obtained CTE No. JSPCB/HO/RNC/CTE-23644258/2026/104 Dtd. 28.04.2026.
7.5	A proper action plan must be implemented to dispose of the electronic waste generated in the industry.	It rarely happens that electronic waste is generated in the industry, but, if any, will be disposed of as per CPCB guideline.
7.6	Solid waste utilization: a. PP shall install a slag crusher to convert steel slag into aggregate for use in construction industry, fine sand for use as flux in steel plant, sand in brick making and as lime in cement making. b. PP shall recycle/reuse solid waste generated in the plant as far as possible. c. Used refractories shall be recycled as far as possible.	a. No steel slag will be generated. b. Dolochar will be used in operation of AFBC Boiler. Fly ash will be given to fly ash brick manufacturers. c. Refractories used in DRI kilns gets burnt completely and are not reusable.

**8. Green Belt**

Sl. No.	Conditions	Compliance
8.1	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration by trees.	A full-proof carbon sequestration/reduction plan will be prepared including carbon sequestration by trees and will be submitted to the concerned R.O., MoEF & CC.
8.2	Project proponent shall submit a study report on Decarbonisation program, which would essentially consist of company's carbon emissions, carbon budgeting/balancing, carbon sequestration activities and carbon capture, use and storage and offsetting strategies. Further, the report shall also contain time bound action plan to reduce its carbon intensity of its operations and supply chains, energy transition pathway from fossil fuels to Renewable energy etc. All these activities/ assessments should be measurable and monitorable with defined time frames.	Will be complied with plan as mentioned in col. 8.1 above.
8.3	Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.	We have developed greenbelt and continuously increasing its density and biodiversity. We have concreted our roads within the premises, shop floors, finished goods, raw material sheds and waste storage shed in existing plant. During installation of Captive Power Plant required sheds, roads and exposed soil surface will be concreted to arrest soil erosion and dust pollution.

**9. Public Hearing And Human Health Issues**

Sl. No.	Conditions	Compliance
9.1	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Will be complied with. We will prepare Risk Assessment (HIRA) and Disaster Management Plan as per factory Act and implement it. In existing sponge plant it is already implemented.
9.2	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms.	PPE like shoes, helmets, nose-masks, ear-plugs, hand gloves and heat resisting clothing have been provided to workers in existing sponge manufacturing unit as per Factory Act. The same practice will be continued during operational phase of the proposed plant. During operation distance of at least 4



Sl. No.	Conditions	Compliance
		meters from the heat generating point, if any, will always be maintained by the workers. Exhaust fans/ ventilation in the working shed will be provided to minimize and maintain heat stress in the working zone. No case due to heat stress has been noticed in past years in existing sponge iron manufacturing unit.
9.3	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP. Safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	We will made available the housing to construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, Safe drinking water, medical health care, etc. Creche will also be provided, if required. The housing will be in the form of temporary structures that will be removed after the completion of the project.
9.4	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.	Occupational health surveillance of the workers in existing unit is done on a regular basis and records maintained as per factory Act. The same will be continued in proposed plant after installation.

#### 10. Environment Management

Sl. No.	Conditions	Compliance
10.1	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No.22-65/2017-IA.III dated 30/09/2020. As part of Corporate Environment Responsibility (CER) activity, company shall adopt nearby villages based on the socio-economic survey and undertake community developmental activities in consultation with the village Panchayat and the District Administration as committed.	We will comply with the provisions contained in this Ministry's OM vide F.No.22-65/2017-IA.III dt. 30/09/2020. In compliance to the Corporate Environment Responsibility (CER) activity, we will adopt nearby villages and undertake community developmental activities in consultation with the village Panchayat and the District Administration.
10.2	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental /	We will laid down environmental policy as directed duly approve by the Board of Directors. The copy of the board resolution in this regard shall be submitted to the MoEF & CC as a part of six-monthly report.



Sl. No.	Conditions	Compliance
	forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	
10.3	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	We will set-up separate Environmental Cell both at the project and company head quarter level, with qualified personnel under the control of senior Executive, who will directly report to the head of the organization.
10.4	Performance test shall be conducted on all pollution control systems every year and report shall be submitted to Integrated Regional Office of the MoEF&CC.	We will conduct performance test of all pollution control systems every year and calibration certificates will be submitted in this regard to R.O., MoEF & CC.

**11. Miscellaneous**

Sl. No.	Conditions	Compliance
11.1	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	We have advertised the Environmental Clearance granted by MoEF & CC in English newspaper namely the Times of India and in Hindi newspaper namely Dainik Bhaskar both dated 04.03.2025 i.e. well within seven days from the date of its grant. Newspaper cuttings has already been submitted with earlier EC Compliance report. We have also put this granted EC on our website permanently.
11.2	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	We have informed grant of Environmental Clearance to the Heads of local bodies, Panchayats in addition to the relevant offices of the Government. Copy of receipts have already been submitted with earlier EC Compliance report.
11.3	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	We will upload the status of compliance of the stipulated environment clearance conditions along-with results of environmental monitoring data on our website. The proposed industry has not been installed yet.
11.4	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the Company.	We will monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient air and stack emissions) as directed and display the same at a convenient location for disclosure to the public and will also put on the website of the Company.

**BALMUKUND****SPONGE & IRON PVT. LTD.**

18, R. N. Mukherjee Road, (1st Fl.), Kolkata - 700 001

Ph.: 2248 6304 / 06, 4032 5000, Fax : 2213 7399

E-mail : balmukund.sponge@gmail.com

Website : www. balmukund.com

CIN : U27310WB1999PTC266185

Sl. No.	Conditions	(An ISO 9001 : 2008 & ISO 14001 : 2004 Company) Compliance
11.5	Action plan for developing connecting and internal road in terms of MSA as per IRC guidelines shall be implemented	We will develop connecting and internal road as per IRC guidelines.
11.6	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	We are submitting six-monthly compliance report on the status of the compliance of the stipulated environmental conditions to the R.O., Ministry of Environment, Forest and Climate Change-Ranchi (Jharkhand) in hard copy.
11.7	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	We will submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company. It has been submitted within schedule time for existing Sponge Iron Unit, copy enclosed.
11.8	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	We will inform the date of financial closure and final approval of the project, commencing the land development work and start of production operation in due course when the proposed project is completely installed.
11.9	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	We will abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
11.10	The recommendations of the approved Site-Specific Wildlife Management Plan (in case of involvement of Schedule-I species) shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report to the concerned Regional Office of the MoEF&CC.	Compliance as per Sl.No.1.11 of Specific Conditions described above.
11.11	The PP shall put all the environment related expenditure, expenditure related to Action Plan on the PH issues, and other commitments made in the EIA/EMP Report etc. in the company web site for the information to public/public domain. The PP shall also put the information on the left over funds allocated to EMP and PH as committed in the earlier ECs and shall be	Will be complied with.

भारतीय डाक

डाक सेवा-अन सेवा



MEC KOLKATA RMS (700001) Counter No. 1  
 SP-D EW3753657621N IVR:6987375365762  
 18-05-2026 15:57:16,159gms (Phy.),  
 To: THE ZONAL OFFICE, CPCB  
 EKT SO, WEST BENGAL - 700107  
 From: BALMUKUND SPONGE AND TRONS P LTD UNIT  
 (Base:24.00)

# BALMUKUND

## SPONGE & IRON PVT. LTD.

18, R. N. Mukherjee Road, (1st Fl.), Kolkata - 700 001  
 Ph.: 2248 6304 / 06, 4032 5000, Fax : 2213 7399  
 E-mail : balmukund.sponge@gmail.com  
 Website : www. balmukund.com  
 CIN : U27310WB1999PTC266185

(An ISO 9001 : 2008 & ISO 14001 : 2004 Company) Compliance

Sl. No.	Conditions	
	carried out and spent in next three years, in the company web site for the information to public/public domain.	
11.12	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).	We will not expand or modify the plant without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
11.13	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	We will not submit false or fabricated data or conceal factual data which we assure.
11.14	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	We will implement all the conditions with the best satisfaction to the Ministry.
11.15	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	We will comply with all the conditions of the granted Environmental Clearance.
11.16	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/ information/ monitoring reports.	We will extend full cooperation to the officer(s) of the Regional Office by furnishing the requisite data/ information/ monitoring reports to the Regional Office of the Ministry during monitoring compliance of the stipulated conditions.
11.17	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	No appeal is to submit against this granted EC.

We once again inform that the land for Captive Power Plant exists within the premises, the Captive Power Plant is under process to establish.

Thanking you,

Yours faithfully

For Balmukund Sponge & Irons Pvt. Ltd.

(Sponge Division)  
  
 Authorized Signatory

Encl: As above

CC: The Member Secretary, JSPCB, T.A. Division Bldg. (Ground Floor), HEC Complex, Dhurwa, Ranchi-834004.

CC: The R.O., JSPCB, H.I.G.-1, Sardar Patel Nagar, Hirapur, Dhanbad (Jharkhand) - 826001

CC: The Zonal Office, CPCB, Southern Conclave, Block 502, 5th and 6th Floors, 1582 Rajdanga Main Road, Kolkata - 700107 -All for information

भारतीय डाक

डाक सेवा-अन सेवा



MEC KOLKATA RMS (700001) Counter No. 1  
 SP-D EW3753657761N IVR:6987375365776  
 18-05-2026 15:57:16,161gms (Phy.),  
 To: THE MEMBER SECRETARY, JSPCB  
 Dhurwa SO, JHARKHAND - 834004  
 From: BALMUKUND SPONGE AND TRONS P LTD UNIT  
 (Base:63.00)

MEC KOLKATA RMS (700001) Counter No. 1

SP-D EW3753656431N IVR:6987375365643

18-05-2026 15:57:16,160gms (Phy.),

To: THE REGIONAL OFFICER, JSPCB  
 Dhanbad HQ, JHARKHAND - 826001

From: BALMUKUND SPONGE AND TRONS P LTD UNIT  
 (Base:63.00)

Track# www.indiapost.gov.in Tel-1400200000



**BALMUKUND**

**SPONGE & IRON PVT. LTD.**  
18, R. N. Mukherjee Road, (1st Fl.), Kolkata - 700 001  
Ph.: 2248 6304 / 06, 4032 5000, Fax : 2213 7399  
E-mail : balmukund.sponge@gmail.com  
Website : www. balmukund.com  
CIN : U27310WB1999PTC266185  
(An ISO 9001 : 2008 & ISO 14001 : 2004 Company)

7<sup>th</sup> May, 2026

The Member Secretary,  
Jharkhand State Pollution Control Board,  
T.A. Division Building (Ground Floor),  
H.E.C. Complex, Dhurwa,  
Ranchi (Jharkhand)-834 004

Sub: Submission of Environmental Statement for the Financial Year: 2025-26.

Sir,

We are submitting hereto attached Environmental Statement (Form V) for the Financial Year 2025-26 for your needful.

Thanking you,  
Yours faithfully,  
For Balmukund Sponge & Irons Pvt. Ltd.

*Santosh Kumar*  
Manager  
Encl: As above.



BLANK SPEED POST DOCUMENT



EW447925631IN

Duty Office & Pincode Dhurwa SO(834204)	
Booking Office: MBC KOLKATA RMS (700001)	
Counter No. 1, 08-05-2026 16:19:26	
GSTNo. BkgRefID: 3326006508052697486	
Charged Weight(gms).35 Phy. Wt(gms).35 Vol. Wt(gms) NA(L,NA,B,NA H,NA)	
Amount Paid:55.00(Base Tariff-Rs.47 Tax-Rs.8) (CGST:4.00 SGST:4.00)	
Mode of Payment:ONLINE Payment Transaction ID:	
Sender	Receiver
B SIRON SPONGE DIVISION Mobile No.1234567890 KOLKATA	MEMBER SECRETARY Mobile No.1234567890 RANCHI
KOLKATA WEST BENGAL-700001	RANCHI JHARKHAND-834004

Track on www.indiapost.gov.in OR Dial 18002866888. I/R NO: 8287447925631  
In case of any complaint, please visit <https://crm.indiapost.gov.in/customer>  
Go Green!!! Opt for eReceipts, ePOD  
This is system generated document, no manual signature required  
08-05-2026 16:19:38

PATNA OFFICE : 603, SHANTIKUNJ APARTMENT, CHHAJJUBAGH, PATNA-800 001, PH.: (0612) 2322388/488

WORKS : CHATRO, TUNDI ROAD, P.O.: GADISRIRAMPUR, GIRIDIH-815 302, PHONE : (06532) 250597  
All Disputes are Subject to Patna (Bihar) Jurisdiction only

***ENVIRONMENTAL STATEMENT***

***(2025-26)***

**BALMUKUND SPONGE & IRONS PVT. LTD.**

**SPONGE DIVISION**

**CHATRO**

**TUNDI ROAD**

**GIRIDIH**

***FORM V***

***(See Rule 14)***

***Environmental Statement For the  
Financial Year Ending 31<sup>st</sup> March, 2026***

Environment Statement for the Financial Year ending the 31<sup>st</sup> March, 2026

**PART - A**

- 1) Name & Address of the owner/occupier : Pradip Kumar Sahewal  
of the industry operation or process : Balmukund Sponge & Irons Pvt. Ltd. (Sponge Division)  
Chatro, Tundi Road, Giridih (Jharkhand)
- 2) Industry category-Primary,Secondary (STC Code): Primary
- 3) Production Capacity – Unit : Sponge Iron-300 MT per day
- 4) Year of Establishment : 1<sup>st</sup> Kiln-2001  
2<sup>nd</sup> Kiln-2003 &  
3<sup>rd</sup> Kiln-2004
- 5) Date of the last unit environment stated : Submitted on -05.05.2025

**PART - B**

- 6) Water & Raw Material Consumption :  
Water Consumption cub.m/day :  
Process : 0.000 KL  
Cooling : 15.000 KL per day  
Domestic : 4.000 KL per day

Name of Products	Process water consumption per unit of product out-put	
	During the previous Financial Year	During the current Financial Year
1. Sponge Iron	-	-

- 7) Raw Material Consumption

Name of Raw Material	Name of Products	Raw material consumption per unit of product out-put	
		During the previous Financial Year(MT)	During the current Financial Year(MT)
1. Iron Ore	Sponge Iron	1.869	1.680
2. Coal	Sponge Iron	1.044	1.016
3. Dolomite	Sponge Iron	0.088	0.041
4. Iron Pellet	Sponge Iron	0.653	0.309
5. Iron Ore Fines	Sponge Iron	0.000	0.215

**PART - C**

Pollution discharge to environment/out-put (Parameter as specified in the consent issued)

Pollutants	Quantity of Pollution Generated (Mass/day)	Conc. Of pollutants In discharge (Mass/ Volume)	Percentage of form prescribed with reason
a) Water	: No water discharge out of premises. So no water pollution.		
b) Air	: Test report submitted. Pollutants are within prescribed limit.		

### PART – D

#### Hazardous Waste

(As specified Hazardous Waste (Management and Handling Rule, 1989))

Hazardous Waste	Total Quantity (Kg/Ltr)	
	During the previous Financial year	During the Current Financial Year
From Process	No hazardous waste is produced.	No hazardous waste is produced.
From pollution control facilities(sold)		
Other (Burnt Mobil Oil)-Ltr.	354	345

### PART – E

#### Solid Waste

Solid Waste	Total Quantity (Kg)	
	During the previous Financial year	During the Current Financial Year
a) From Process	13450095	15195282
b) From Pollution Control facilities(ESP)	2754840	3112288
c) Quantity recycled or re-utilized	000	000
d) Sold	41456660	17642760
e) Disposed	000	000

### PART – F

Please specify the characteristics (in terms of concentration and quantum) of Hazardous as well as solid wastes and indicate disposal practice adopted for these categories of wastes.

Hazardous Waste (Burnt Mobil Oil) : Is reused for smoothening the machineries for smooth running.

Solid Waste : Total quantity generated of solid waste (Dolochar) is sold directly or indirectly and transported in eco-friendly safe manner in tightly covered trucks to power generating plants for its 100% utilization in AFBC boilers. We have obtained Environmental Clearance from MoEF & CC for enhancement in sponge iron production and installation of Captive Power Plant. We have obtain CTE for installation of Captive Power Plat. After installation of CPP unit, we will not need to sell dolochar to other power generating plants. We will use it ourselves within our factory premise.

### PART – G

Impact of pollution control measures on conservation of natural resources and consequently on the cost of production

Pollution control measures help in conservation of the natural resources as well as raises the cost of production and reduce profit ratio.

## PART – H

Additional investment proposal for environment protection including abatement of pollution:

No proposal for additional investment. We have already provided environment protection facilities as under:

- 1) ESPs to all Sponge Iron manufacturing kilns.
- 2) Online Continuous Stack Emission monitoring facility to ESPs' stacks of appropriate heights with SO<sub>2</sub> Analyzer and dust concentration monitoring with 24x7 days connectivity to JSPCB and CFCB servers.
- 3) Kilns' stack tops are kept tightly closed.
- 4) Sufficient Bag Filters at required places.
- 5) Water chambers for collection of coal dust exiting from ESPs.
- 6) Enclosed Conveyors for carrying raw material i.e. iron ore, coal and dolomite to kilns and for carrying Sponge Iron (Finished Product) to stock house.
- 7) Online continuous dust monitoring system for AAQ (PM<sub>10</sub>) monitoring with 24x7 days connectivity to JSPCB and CFCB servers.
- 8) Water used in cooling of hot products are kept in closed circuit for reuse again and again.
- 9) Water settling tank followed by soak-pits for collection of domestic waste water.
- 10) Monitoring of AAQ within the premises, stack dust concentration, Fugitive Emission, Domestic Waste Water, Noise Level are also done quarterly by NABL accredited laboratory.
- 11) Software controlled interlocking facility has already been provided.
- 12) Sufficient Dry fog systems at required places within the factory premises.

The additional measures will be adopted after installation of Captive Power Plant and after study and on advice of Jharkhand State Pollution Control Board.

## PART – I

Any other particulars in respect of environment protection of environment and abatement of pollution:

Besides operating ESPs including other facilities stated as above in Part-H, plantation has been done around the factory premises. Roads (inside premises) have been concreted, including all the dusty places in the factory premises. Manual water sprinkling on approach road is done for dust suppression to minimize the dust around boundary of factory premise. Fixed type water sprinklers have been installed and being operated to keep the air dust pollution within prescribed limit. Manual water sprinklers have also been provided wherever fixed water sprinklers are found difficult to work.

For Balmukund Sponge & Irons Pvt. Ltd.  
(Sponge Division)



*Ramesh Kumar*

Manager