



Jharkhand <jam.env2018@gmail.com>

Maa Chhinnmastika Cement & Ispat Pvt Ltd - Environment Statement Report 2024-25

1 message

MCCIPL <cementispat@rediffmail.com>

Sat, Sep 27, 2025 at 6:32 PM

To: ranchijspcb <ranchijspcb@gmail.com>, jspcb_hazaribagh@rediffmail.com

Cc: jamenv2018 <jam.env2018@gmail.com>

Sir,

Please find enclosed herewith Environment Statement Report 2024-25 from the period of April 2024 to March 2025.

Regards,

Maa Chhinnmastika Cement & Ispat Pvt Ltd

 MCCIPL__Env_Stement_Report__2024-25.pdf
504K



MAA CHHINMASTIKA CEMENT AND ISPAT PRIVATE LIMITED

Registered Office & Works:

At- Hehal, Post- Barkakana, Dist. - Ramgarh (Jharkhand) 829103

E-mail: cementispat@rediffmail.com

MCCIPL/2025-26

27/09/2024

To,
The Member Secretary,
Jharkhand State Pollution Control Board,
HEC Campus, TA Division Building,
Durwa, Ranchi - 834 004.
Jharkhand

Sub: Submission of Environmental Statement Report from the period of April 2024 to March 2025.

Ref.:- CTO Ref. No. – JSPCB/HO/RNC/CTO-17587005/2024/51, Dated 11/01/2024.

Dear Sir,

With reference to the above, we are enclosing herewith the Environmental Statement Report from the period of April 2024 to March 2025.

Please find above in order and do the needful.

Thanking you,

Yours faithfully,
For **MAA CHHINMASTIKA CEMENT & ISPAT PVT LTD**



Authorized Signatory

Encl: As above.

Cc to: - Regional Officer, Regional Office, State Pollution Control Board, Hazaribagh (Jharkhand)

ENVIRONMENTAL STATEMENT
Maa Chhinnmastika Cement & Ispat Pvt. Ltd.
Period from: April 2023 to March 2024

FORM – V

PART – A

1.	Name and address of the Owner / Occupier of the Industry operation or process	Maa Chhinnmastika Cement & Ispat Pvt. Ltd. Occupier name – Santosh Kumar Gupta Village – Hehal, P.O – Barkakana, Dist. – Ramgarh, Jharkhand – 829103
2.	Industry Category Primary (S.T.C. Code) Secondary (S.T.C. Code)	Red Category
3.	Production Capacity	Sponge Iron – 300 TPD Steel Melting Shop – 72000 TPA Rolling Mill – 67500 TPA WHRB – 6 MW AFBC – 9 MW
4.	Year of Establishment	2004 (DRI), 2023 (SMS with Rolling Mill & CPP)
5.	Date of the last Environmental Statement Submitted	29/09/2024

PART – B

WATER AND RAW MATERIAL CONSUMPTION

(I) Water consumption in m3/day:

Process & Cooling : 662.00 m3/day

Domestic : 11.00 m3/day

Name of Product	Process Water Consumption per Unit of Product Output	
	During Previous Financial Year (2023-24)	During Current Financial Year (2023-24)
Sponge Iron	2.18	0.994
MS Billets	(Integrated unit for the production of Sponge Iron, MS Billets, TMT Bar and Captive Power)	0.280
TMT Bar		0.292

(II) RAW MATERIAL CONSUMPTION:

Name of Raw Material	Name of Product	Consumption of Raw Material Per Unit of Output	
		During Current Financial Year (2023-24)	During Current Financial Year (2024-25)
Iron ore/ Iron Ore Pellets	Sponge Iron	1.95	1.897
Coal		1.216	1.738
Dolomite		0.024	0.024
Sponge Iron	MS Billets	0.797	0.716
MS Scrap		0.216	0.251
Pig Iron		0.109	0.153
Silico Manganese		0.009	0.012
MS Billets	TMT BAR	1.080	1.040

(III) POWER CONSUPTION (KWH/MT):

During Previous Financial Year (2023-24)	During Current Financial Year (2024-25)
1,33,79,820 KWH electricity consumption from grid power supply	1,03,32,060 KWH electricity consumption from grid power supply

(IV) TOTAL PRODUCTION:

Product Name	During Previous Financial Year (2023-24)	During Current Financial Year (2024-25)
Sponge Iron (MT)	53851.300	54329.000
MS Billets (MT)	71893.000	71998.210
TMT BAR (MT)	10205.180	58498.810

PART-C

DISCHARGED TO ENVIRONMENTAL / UNIT OF OUTPUT

Pollutants	Quantity of Pollutants Discharged (Mass/Day)	Concentration of Pollutants in Discharge (Mass/Volume)	Percentage of variation from prescribed standard with reasons
(a) Water	<ul style="list-style-type: none">• No industrial effluent is generated. In compliance to Zero Liquid Discharge (ZLD), the web camera and flow meter are installed with online monitoring facilities.• The waste water generated from the office toilet and mess has been discharged via septic tank and soak pits.		
(b) Air	<ul style="list-style-type: none">• Online monitoring CEMS of PM & SO₂ are installed with web connectivity with CPCB & SPCB.• Continuous Ambient Air Quality Monitoring System (CAAQMS) PM 10, PM 2.5, SO₂ & NO_x parameter are installed.		

PART – D

HAZARDOUS WASTE

(As specified under Hazardous Wastes (Management, Handling & Trans boundary Movement Rule, 2010)

Hazardous Waste	Total Quantity (Ltrs.)	
	During Current Financial Year (2023-24)	During Current Financial Year (2024-25)
a) From Process	Used gear oil and lubricant are stored in drum and used in different Chain Drive within plant campus. Hazardous waste authorization issued vide letter no JSPCB / HO / RNC / HWM-13306410/ 2023/21 dated 09/04/2023 valid up to 20/08/2027.	Used gear oil and lubricant are stored in drum and used in different Chain Drive within plant campus. Hazardous waste authorization issued vide letter no JSPCB / HO / RNC / HWM-13306410/ 2023/21 dated 09/04/2023 valid up to 20/08/2027.
(b) From Pollution Control Facilities	Not applicable	Not applicable

PART – E

SOLID WASTE

		Total Quantity (MT)	
		During Previous Financial Year (2023-24)	During Current Financial Year (2024-25)
(a)	From Process		
	Other waste (Dolochar)	3749.000	42074.000
	Fly Ash	-	30018.000
(b)	From Pollution Control Facility	Nil	Nil
(c)	Quantity recycled or re- utilized within the unit		
	1) Sold	9520.000	7774.910
		Other waste (Dolochar)	

PART – F

Please specify the characterization (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both the categories of wastes.

- Used gear oil and lubricant are stored in drum and used in different Chain Drive within plant campus.
- Coal Char (Chhai) waste, the solid waste generated in process are being sold at present, the earlier stock of coal char are also being sold as per demand.

PART – G

Impact Of The Pollution Control Measures on Conservation of Natural Resources And Consequently On The Cost Of Production

- Unit has 3X100 TPD Sponge Iron kilns with attached WHRB, installed three numbers of ESP having 75000 m3/hr capacity attached to each kiln stack to control stack emission.
- Unit has installed one number of ESP having 87000 m3/hr capacity for Power Plant.
- One number of Fume extraction system with bag filter having capacity 1,45,000 m3/hr installed in Steel Melting Shop (SMS).
- Unit has installed seven numbers of bag filters at various material transfer points to control fugitive emissions for Sponge Iron Unit.
- Unit has installed one anther bag filter in coal handling plant to control fugitive emissions for power plant.
- Unit has installed thirty numbers of water sprinklers at various places within plant premises to control dust emission / fugitive emission from haul roads.
- All conveyor belts are covered with M.S.Plates.
- All raw materials are kept in covered shed.

PART – H

Additional Measures/Investments Proposal for Environment Protection Including Abatement of Pollution

- Plantation are done surrounding the boundary wall area and road side within campus. We are also doing support for plantation in nearby village during rainy season every year. New plantations are also made every year in the plant during rainy season.
- EC issued vide letter no F.No.J-11011/215/2016-IA.II(I)dated – 07th August,2019.
- CTE issued vide letter no. JSPCB/HO/RNC/CTE-6089357/2020/366 dt 24.09.2020 from JSPCB. Project work is going on.
- CTO issued vide letter no. JSPCB/HO/RNC/CTO-17587005/2024/51 Dt. 11/01/2024.

PART – I

Any other particulates for improving the quality of environment

- Unit has installed two numbers of online Continuous Emission Monitoring System (CEMS) for measurement of particulate matter (PM) & SO₂.
 - The web camera & flow meter has installed with online monitoring facilities.
 - Continuous Ambient Air Quality Monitoring System (CAAQMS) PM 10, PM 2.5, SO₂ & NO_x parameters are installed with online monitoring facilities.
 - Unit has installed Telemetry System at One no. of Bore well and piezometer.
 - Data of CEMS, Camera & flow meter are continuously updated on CPCB & SPCB server.
 - Unit has installed Dust /Ash handling System with 750 m³ capacity silo for AFBC & 130 m³ capacity silo for DRI with WHRB to control of fugitive emission from bag filter & ESP discharge points.
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