

MAA CHHINNMASTIKA CEMENT AND ISPAT PRIVATE LIMITED

Registered Office & Works:

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

CIN:U26941JH2004PTC010665

ramgarh.jh@rediffmail.com

O/c

MCCIPL/011/2021-22

05/06/2021

To,
The Additional Principal Chief Conservator of Forests (C),
Ministry of Environment, Forest & Climate Change,
Integrated Regional Office (Eastern Central Zone),
Bungalow No. A-2, Shyamli colony,
Ranchi- 834002 (Jharkhand)

Sub:- Regarding compliance for the period October, 2020 to March 2021 to the conditions of Environment Clearance for Expansion of Sponge Iron Plant to mini Steel plant for production of 67,500 TPA rolled product by installation of 2X12Ton induction furnace with billet caster, Iron ore crushing & beneficiation and 15 MW Captive Power Plant.

Ref: - Environment Clearance Letter No. F.NO. J - 11011 / 215 / 2016 - IA. II (I) dated 07/08/2019.

Dear Sir,

In reference to the above subject matter & reference letter, the point wise Half Yearly compliance status for the period of October, 2020 to March 2021 is being submitted for your kind perusal please.

Hope you will find this in order and oblige.

Thanking you.

Yours faithfully

For Maa Chhinnmastika Cement & Ispat Pvt Ltd.

Santosh Kumar Goudy

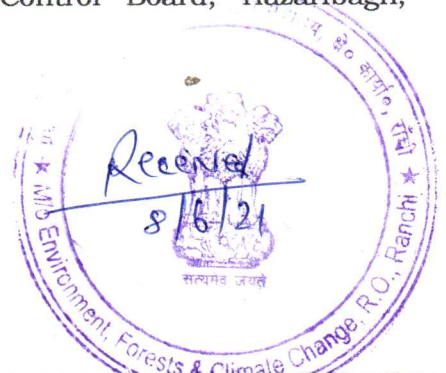
Director

Enclosures: Compliance status Report.

Cc to:-

- 1) The Zonal office Incharge, Central Pollution Control Board, Southernd Conclave, Block 502, 5th & 6th Floors, 1582 Rajdanga Main Road, Kolkata - 700 107 (W. B.).
- 2) The Member Secretary, Jharkhand State Pollution Control Board, T.A. Division Building (Ground Floor), HEC Campus, P.O. Dhurwa, Ranchi - 834004, Jharkhand.
- 3) Regional Officer, Regional Office, State Pollution Control Board, Hazaribagh, Jharkhand.

*Received by
Juh.
9/06/2021*



भारतीय डाक

India Post

EJ829737828 IN IVR:6974829737828
SP RAMGARH CANTT H.O <829122>
Counter No:2,09/06/2021,11:50
To:ZONAL OFFICE, CPCBSC KOLKATA
PIN:700107, Madurdah SO
From:MAA CHHINAM, HEHAL

Wt:140gms

Amt:47.20 (Cash) Tax:7.20

<Track on www.indiapost.gov.in>

<Dial 18002666868> <Wear Masks, Stay Safe>

भारतीय डाक

India Post

EJ829737814 IN IVR:6974829737814
SP RAMGARH CANTT H.O <829122>
Counter No:2,08/06/2021,11:50
To:REGIONAL OFFICE, REGIONAL OFFICE
PIN:825301, Hazaribagh HO
From:MAA CHHINAM, HEHAL

Wt:140gms

Amt:41.30 (Cash) Tax:6.30

<Track on www.indiapost.gov.in>

<Dial 18002666868> <Wear Masks, Stay Safe>

Environment Clearance Compliance Status
Period from October-2020 to March-2021

Name of Project:	Maa Chhinnmastika Cement & Ispat Pvt. Ltd.
Capacity:	Expansion of Sponge Iron Plant to mini Steel plant for production of 67,500 TPA rolled product by installation of 2X12 Ton induction furnace with billet caster, Iron ore crushing & beneficiation and 15 MW Captive Power Plant.
Location:	Village - Hehal, P.O - Barka kana, Distt. - Ramgarh, Jharkhand.
EC letter No.	F. NO. J-11011/215/2016-IA.II(I) Dated- 07/08/2019.
MoEF&CC, Ranchi letter No.	103-548/R.O.R/2019/4313 (H), dated 20/10/2020.

A. SPECIFIC CONDITION:

Sl.No	CONDITION	COMPLIANCE
1.	Particulate matter in the Stack emissions shall not exceed 30 mg/Nm ³ .	Noted for expansion project. Exiting sponge iron plant test monitoring report enclosed as Annexure - 1 .
2.	Water for its plant operations shall be sourced by the project proponent from Damodar River, and no ground water shall be abstracted by them.	Being complied.
3.	Project proponent shall undertake rain water harvesting and recharge, and the quantum of water so channelized shall be more than the water consumption in the project area.	Noted, will be complied in due course.
4.	The CER activities shall be implemented within a period of 3 years utilizing the earmarked funds of Rs. 1.45 crores.	Noted, will be complied in due course.

B. GENERAL CONDITION:

Sl.No	CONDITION	COMPLIANCE
I	Statutory compliance :	
1.	The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollutions) Act, 1981 and the Water (Prevention & Control Pollution) Act, 1974 from the concerned State Pollution Control Boards /Committee.	Being complied.
2.	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water/from the competent authority concerned in case of drawl of surface water required for the project.	Agree with. Water drawl agreement executed with DVC for drawl of water from Damodar River. DVC water withdrawal agreement enclosed as Annexure -2 .
3.	The project proponent shall obtain authorization under the Hazardous and other Waster Management Rules, 2016 as amended from time to time.	Being complied.
II.	Air Quality monitoring and preservation:	

1.	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31 st March 2012 (applicable to IF/EAF) as amended from time to time ; S.O. 3305(E) dated 7 TH December 2015(Thermal Power Plants) as amended from time to time) and connected to SPCB AND CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Being complied for existing coal based Sponge Iron plant online monitoring systems are installed for monitoring of PM & SO2 emission of stack and it is connected online with Central Pollution Control Board and Jharkhand State Pollution Control Board URL server. Test monitoring report is enclosed as Annexure - 1 . Noted for compliance in expansion project.
2.	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.	Being complied for existing coal based Sponge Iron plant. Test monitoring report is enclosed as Annexure - 1 . Noted for compliance in expansion project.
3.	The project proponent shall install system carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOX in reference to SO2 and NOX emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.	As per direction of Jharkhand State Pollution Control Board vide letter no B-19 issued on 28/02/2019, we have installed Continuous Ambient Air Quality Monitoring Station for PM 10 parameter and it is connected online with Jharkhand State Pollution Control Board URL server. Photograph is enclosed as Annexure - 3 . Further we will comply in expansion project in due course.
4.	The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality/fugitive emissions to Regional Office of MoEF & CC, Zonal office of CPCB and Regional Office of SPCB along with six monthly monitoring report.	Monthly environment monitoring report of existing plant is enclosed as Annexure - 4 . Noted for compliance in expansion project.
5.	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources.	Being complied for existing coal based Sponge Iron plant. Unit has installed 3 nos of ESP, 7 nos of Bag filters at each transfer points and sixty six nos of water sprinklers at various places within plant premises to control fugitive emission & stack emission.

		Unit has already installed bag filter at raw material handling area and all conveyor belts are covered. Noted for compliance in expansion project.
6.	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	Being complied for existing coal based Sponge Iron plant. Noted for compliance in expansion project.
7.	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors roofs, regularly.	Adequate arrangement of cleaning and sprinkling of water has been made. Noted, will be complied in due course in expansion project.
8.	Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting / agglomeration.	Noted for expansion project, will be complied in due course.
9.	The project proponent shall use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.	Being complied for existing coal based Sponge Iron plant. Noted for compliance in expansion project.
10.	The project proponent shall provide covered sheds for raw materials like scrap and sponge iron, lump ore, coke, coal, etc.	For existing plant, units has provided coved storage shed have been provided for all raw materials like coal, Iron ore etc. Noted, will be complied in due course in expansion project.
11.	The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.	Noted, will be complied in due course.
12.	Design the ventilation system for adequate air changes as per ACGIH document for all tunnels, motor houses, Oil Cellars.	Noted, will be complied in due course.
III.	Water quality monitoring and preservation :	
1.	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment(Protection)Rules 1986 vide G.S.R 277 (E) dated 31 st March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305(E) dated 7 th December 2015 (Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Being complied in existing unit. To fulfill ZLD compliance, unit has installed flow meter with web camera & its data has been uploaded on CPCB & JSPCB URL server. Noted, will be complied in due course.
2.	The project proponent shall monitor regularly ground water quality at least twice a year (pre	Noted, will be complied in due course.

	and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment(Protections) Act, 1986 and NABL accredited laboratories.	
3.	The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF & CC, Zonal office of CPCB and Regional Office of SPCB along with six monthly monitoring report.	Noted, will be complied in due course.
4.	Adhere to 'Zero Liquid Discharge'	Agree with.
5.	Sewage Treatment Plant shall be provided for treatment of domestic waste water to meet the prescribed standards.	Noted, will be complied in due course.
6.	The project proponent shall provide the ETP for effluents of rolling mills to meet the standards prescribed in G.S.R 277(E) 31 st March 2012 (applicable to IF/EAF) as amended from time to time.	Noted, will be complied in due course.
7.	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	Noted, will be complied in due course.
8.	The project proponent shall practice rainwater harvesting to maximum possible extent.	Noted, will be complied in due course.
9.	The project proponent shall made efforts to minimize water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.	Being complied for existing plant. Noted, will be complied in due course.
IV.	Noise monitoring and prevention:	
1.	Noise level survey shall be carried as per the prescribed guidelines and report in this regards shall be submitted to Regional Officer of the Ministry as a part of six monthly compliance report.	Being complied for existing coal based Sponge Iron plant. Noted for compliance in expansion project.
2.	The ambient noise levels should conform to the standards proscribed under E(P) A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.	Being complied for existing coal based Sponge Iron plant. Noted for compliance in expansion project.
V.	Energy Conservation measures	
1.	The project proponent shall provide waste heat recovery system (pre-heating of combustion air) at the flue gases of reheating furnaces.	Noted, will be complied in due course.
2.	Practice hot charging of slabs and billets/blooms as far as possible.	Noted, will be complied in due course.
3.	Ensure installation of regenerative type burners on tall reheating furnaces.	Noted, will be complied in due course.

4.	Practice hot charging of slabs and billets/blooms as far as possible.	Noted, will be complied in due course.
5.	Ensure installation of regenerative type burners on all reheating furnaces.	Noted, will be complied in due course.
6.	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.	Noted, will be complied in due course.
7.	Provide the project proponent of LEF lights in their offices and residential areas.	Being complied for existing coal based Sponge Iron plant. Noted for compliance in expansion project.
VI.	Waste management:	
1.	Used refractories shall be recycled as far as possible.	Being complied for existing coal based Sponge Iron plant. Noted for compliance in expansion project.
2.	Oily scum and metallic sludge recovered from rolling mills ETP shall be mixed, dried, and briquetted and reused melting Furnaces.	Noted, will be complied in due course.
3.	100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufactures for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.	Noted, will be complied in due course.
4.	The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Trans boundary Movement) Rules, 2016.	Being complied for existing coal based Sponge Iron plant. Noted for compliance in expansion project.
VII.	Green Belt :	
1.	Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.	Being complied in regular basis.
2.	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programed for reduction of the same including carbon sequestration including plantation.	Noted, will be complied in due course.
VIII.	Public hearing and Human health issues :	
1.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be	Being complied for existing plant, noted for compliance in expansion project.

	implemented.	
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 of Factory Act.	In sponge iron unit PPE is provided. The high temperature work zone of expansion unit will be complied in due course.
3.	Provision shall be made for the housing of construction labour within the site which all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Noted for compliance in due course with start of the construction activities.
4.	Occupational health surveillance of the worker shall be done on a regular basis and records maintained as per the Factories Act.	Periodical health check-up are being carried and record are maintained on regular basis.
IX.	Corporate Environment Responsibility	
1.	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA III dated 1 st May 2018, as applicable, regarding Corporate Environment Responsibility.	Noted, will be complied in due course.
2.	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper check and balances and to bring into focus any infringements / deviation/violation of the environmental / forest /wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildfire norms/conditions and/or shareholders/stake holders. The copy of the boards resolution in this regard shall be submitted to the MoEF & CC as a part of six monthly report.	The copy of the boards resolution is enclosed as Annexure - 5.
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 report to the head of the organization.	Being complied.
4.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose.	Noted, will be complied in due course.

	Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.	
5.	Self – environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Noted, will be complied in due course.
6.	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the plants shall be implemented.	Noted, will be complied in due course.

X. MISCELLANEOUS :

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.	Advertised in two local newspapers of the District, Prabhat Khabar and Danik Bhaskar published on 18/08/2019. Environmental conditions and safeguards will be complied in due course. EC letter has been put on our web site www.mccipl.in
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.	Copy of environment clearance letter has been sent to the followings:- 1) The Member Secretary, Jharkhand State Pollution Control Board, Ranchi, Jharkhand dated 12/08/2019. 2) The Regional officer, Jharkhand State Pollution Control Board, Hazaribagh, Jharkhand dated 12/08/2019. 3) The District Industries Centre, District - Ramgarh, Jharkhand dated 10/08/2019. 4) The Deputy Commissioner, District-Ramgarh, Jharkhand dated 12/08/2019. 5) President, Ramgarh Nagar Parishad, District-Ramgarh, Jharkhand dated 22/08/2019.
3.	The project proponent shall upload the status	Noted, will be complied in due

	of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	course.
4.	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectorial parameters, indicated for the projects and display the same at a convenient location of disclosure to the public and put on the website of the company.	Being complied for existing plant, noted for compliance in expansion project. Display board has been displayed on main gate.
5.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Noted, being complied on regular basis.
6.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Being complied for existing plant, noted for compliance in expansion project. Environment Statement Report has been uploaded on the company web site www.mccipl.in Environment Statement Report enclosed as Annexure -6 .
7.	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.	Noted, will be complied in due course.
8.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Noted.
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.	Noted, will be complied in due course.
10.	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).	Agree with.
11.	Concealing factual data or submission of false / fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted, will be complied in due course.
12.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Agree with.

13.	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Agree with.
14.	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.	Agree with.
15.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air(Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 , Hazardous and Other wastes(Management and Tranbsounary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other order passed by the Hon'ble Supreme Court of India/ High Courts and any other order passed by the Hon'ble Supreme Court of India/High Court and any other Court of Law relating to the subject matter.	Noted, will be complied in due course.
16.	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.

Thanking you.

Yours faithfully

For Maa Chhinnmastika Cement & Ispat Pvt Ltd.

Santosh Kumar Gupta

Director

Enclosures: - As above.



INSTITUTE FOR ENVIRONMENTAL MANAGEMENT

ECO ENVIRO LAB

ISO 9001:2015 (QMS), ISO 45001:2018 (OHSAS); NABL & JSPCB Accreditation
2208/A, Jagannath Nagar, Pundag Road, Near Anand Gas Godown, Argora, Ranchi, Jharkhand – 834012.
Email ID – iem2012@Rediffmail.com, Mob. No. – 8407804253.

Ambient Air Quality Test Report

INDUSTRY NAME & ADDRESS: Maa Chhinnmastika Cement and Ispat Private Limited, Vill- Hehal, P.O. Barkakana, Dist- Ramgarh, Jharkhand	Sample Details: Type of Industry : Sponge Iron Plant Sample Description : Ambient Air Sampling Date : 30/09/2020 to 01/10/2020 Sample Registration Date : 01/10/2020 Customer Rept : Shree Parsuram Singh Sample Drawn By: Rajiv Kumar Singh & team
Test Report No : IEM/EEL/RAN/AAQ/0240A Report Issue Date : 08/10/2020 Work Order No. : Application No: 9000478, Date: 29.09.2020, Time 04:40 Protocol : IS Method & CPCB Guideline	

METEROLOGICAL INFORMATION

Average Temp(°C)	Average Relative Humidity (%)	Average Barometric Pressure (mm of Hg)	Weather Condition	Wind Direction
30	70	745.8	Partly Cloudy	SSW

Concentration in Ambient Air (Industrial, Residential, Rural and Other Area)

Time Weighted Average- 24 Hours

Parameters		SO ₂ (µg/m ³)	NO ₂ (µg/m ³)	PM ₁₀ (µg/m ³)
Method Name		Improved West & Gaeke method	Jackob & Hochheiser Modified Method	Gravimetric Method
NAAQMS/36/2012-13		IS 5182 (Part-02)	IS 5182 (Part-06)	IS 5182 (Part-23)
Sampling Point	Co- ordinate	Concentration in Ambient Air as per NAAQS- 2009 For 24 Hours		
		80	80	100
Near Main Gate	23°37'15.72"N 85°25'52.09"E	12.63	19.74	97

****End of Report****

Ruchika Bhatia
Tested by
Analyst

Sunil Kumar Singh
Checked By
(Sunil Kumar Singh)
(Lab Incharge cum Technical Manager)

Dr. S. C. Jain
Authorized Signatory
(Director & QC Manager)

Note:-1. The results refer only to the tested sample of applicable parameters. 2. The sample will be preserved for a maximum of 7 days on request from the date of issue of the certificate. 3. The certificate shall not be reproduced in part or full and can't be used as evidence or in court of law without prior permission in writing. 4. All disputes are subjected to the Ranchi jurisdiction.



INSTITUTE FOR ENVIRONMENTAL MANAGEMENT

ECO ENVIRO LAB

ISO 9001:2015 (QMS), ISO 45001:2018 (OHSAS); NABL & JSPCB Accreditation
2208/A, Jagannath Nagar, Pundag Road, Near Anand Gas Godown, Argora, Ranchi, Jharkhand – 834012.
Email ID – iem2012@Rediffmail.com, Mob. No. – 8407804253.

Ambient Noise levels Monitoring Report

Client Name & Address: Maa Chhinnmastika Cement and Ispat Private Limited, Vill- Hehal, P.O. Barkakana, Dist- Ramgarh, Jharkhand	Sample Details : Type of Industry : Sponge Iron Plant Sample Description : Ambient Noise Sampling Date : 30/09/2020 to 01/10/2020 Sample Registration Date : 01/10/2020
Test Report No : IEM/EEL/RAN/NOISE/0240B Report Issue Date : 08/10/2020 Work order No : Application No : 9000478, Date: 29.09.2020, Time 04:40 Protocol : IS Method & CPCB Guideline	Customer Rept : Shree Parsuram Singh Sample Drawn By : Rajiv Kumar Singh & team

METEROLOGICAL INFORMATION				Location & Co-ordinate	
Average Temp (°C)	Average Relative Humidity (%)	Average Barometric Pressure (mm of Hg)	Weather Condition:	A ₁	Near Main Gate 23°37'15.26"N 85°25'51.85"E
				B ₁	Near Kanta Room 23°37'07.18"N 85°25'44.99"E
30	70	745.8	Partly Cloudy	C ₁	Near Store Room 23°36'58.90"N 85°25'34.56"E

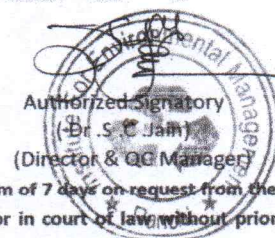
Equivalent Continuous Sound Level (Leq) in dB												
Time Weighted Average 'A' of the level of Sound in decibels on scale A												
Result (4 hours Interval)									CPCB Limit in dB(A)			
Sound Level-Leq dB(A)									Area Code	Category of Area Zone	Day Time	Night Time
Day Time (DT) (6 AM to 10PM)					Night Time (NT) (10 PM to 6 AM)						(6 AM to 10PM)	(10 PM to 6 AM)
Sampling Points	DT ₁ (06-10)	DT ₂ (10-02)	DT ₃ (02-06)	DT ₄ (06-10)	AVG.	NT ₁ (10-02)	NT ₂ (02-06)	AVG.	A	Industrial Area	75	70
A ₁	65.7	77.6	73.9	61.1	69.6	56.2	47.4	51.7	B	Commercial Area	65	55
B ₁	64.3	75.4	74.5	60.7	68.7	54.5	47.1	50.8	C	Residential Area	55	45
C ₁	63.6	72.8	72.1	59.3	67.0	51.1	44.6	47.9	D	Silence Zone	50	40

****End of Reports****

Remarks:- Average values are observed well within the prescribed limit for industrial area.

(Signature)
Tested by
Analyst

(Signature)
Checked By
(Sunil Kumar Singh)
(Lab In charge cum Technical Manager)



Note:-1. The results refer only to the tested sample of applicable parameters. 2. The sample will be preserved for a maximum of 7 days on request from the date of issue of the certificate. 3. The certificate shall not be reproduced in part or full and can't be used as evidence or in court of law without prior permission in writing. 4. All disputes are subjected to the Ranchi jurisdiction



INSTITUTE FOR ENVIRONMENTAL MANAGEMENT

ECO ENVIRO LAB

ISO 9001:2015 (QMS), ISO 45001:2018 (OHSAS); NABL & JSPCB Accreditation
2208/A, Jagannath Nagar, Pundag Road, Near Anand Gas Godown, Argora, Ranchi, Jharkhand – 834012.
Email ID – iem2012@Rediffmail.com, Mob. No. – 8407804251, 8407804252, 8407804254.

Stack Emission Test Report

Stack 1 (Kiln-1 & Kiln-2)

Client Name & Address MAA CHHINMASTIKA CEMENT & ISPAT PRIVATE LIMITED, VILL- HEHAL, P.O- BARKAKANA, RAMGARH.	Sample Details: Type of Plant : Sponge Iron Sample Description : Stack Emission Sampling Date : 30/09/2020 Sampling Location : Port Hole Weather Condition : Cloudy Relative Humidity : 72%
Test Report No : IEM/EEL/RAN/STACK /0240C1 Report Issue Date : 08.10.2020 Work order No.: Application No: 9000478 ,Date:29-09-2020 , Time : 04: 40 Protocol : IS Method & CPCB Guideline	Customer Rept.: Shree Parsuram Singh Sample Drawn By: Rajiv Singh and team

General Physical Information		
1.	Type of Industry	Iron & Steel
2.	Type of Plant	Coal Based Sponge Iron Plant - Kiln
3.	Production Capacity	Sponge Iron – 2 X 100 TPD
4.	Emission Due to	Reduction of Iron Oxide
5.	Raw Materials	Iron Ore, Dolomite and Non Cooking Coal
2.	Stack Height from Ground Level in Meter	55
3.	Port Hole Height from ground level in Meter	33
4.	Shape of Stack	Circular
5.	Inner Dimension of Stack in meter	1.8
6.	Stack Connected to	ESP- Kiln 1 & ESP- Kiln 2

Flue Gas Emission Analysis			
Sl. NO.	Parameters	Protocol	Result
1.	Flue Gas Temperature(°C)	IS 11255 (Part-3)	142
2.	Moisture in Flue Gas (%)	CPCB Guideline	1.62
3.	Absolute Stack Gas Pressure (mm Hg)	CPCB Guideline	752.38
4.	Flue Gas Velocity (m/s)	IS 11255 (Part-3)	9.24
5.	Stack Gas Volumetric Flow Rate (Nm ³ /hr.)	IS 11255 (Part-3)	59222
6.	Particulates Matter (mg/Nm ³)	IS 11255 (Part-1)	94.72
7.	SO _x Concentration as SO ₂ (mg/Nm ³)	IS 11255 (Part-2)	84.59
8.	NO _x Concentration as NO ₂ (mg/Nm ³)	IS 11255 (Part-7)	2.72

Emission Rate		
Dust	Kg/hr	5.61
Sulphur Dioxide	Kg/hr	5.01
Oxide of Nitrogen	Kg/hr	0.16

****END OF REPORT****

Ruchita Bhatia
Tested By
Analyst

Sunil Kumar Singh
Checked By
(Sunil Kumar Singh)
Lab In-charge cum Technical Manager



Note:-1. The results refer only to the tested sample of applicable parameters. 2. The sample will be preserved for a maximum of 7 days on request from the date of issue of the certificate. 3. The certificate shall not be reproduced in part or full and can't be used as evidence or in court of law without prior permission in writing. 4. All disputes are subjected to the Ranchi jurisdiction.



INSTITUTE FOR ENVIRONMENTAL MANAGEMENT

ECO ENVIRO LAB

ISO 9001:2015 (QMS), ISO 45001:2018 (OHSAS); NABL & JSPCB Accreditation

2208/A, Jagannath Nagar, Pundag Road, Near Anand Gas Godown, Argora, Ranchi, Jharkhand – 834012.

Email ID – iem2012@Rediffmail.com, Mob. No. – 8407804251, 8407804252, 8407804254.

Stack Emission Test Report

Stack 2 (Kiln-3)

Client Name & Address MAA CHHINNMASTIKA CEMENT & ISPAT PRIVATE LIMITED, VILL- HEHAL, P.O- BARKAKANA, RAMGARH.	Sample Details: Type of Plant : Sponge Iron Sample Description : Stack Emission Sampling Date : 01/10/2020 Sampling Location : Port Hole Weather Condition : Cloudy Relative Humidity : 70%
Test Report No : IEM/EEL/RAN/STACK /0240C2 Report Issue Date : 08.10.2020 Work order No.: Application No: 9000478 ,Date:29-09-2020 , Time : 04: 40 Protocol : IS Method & CPCB Guideline	Customer Rept.: Shree Parsuram Singh Sample Drawn By: Rajiv Singh and team

General Physical Information

1.	Type of Industry	Iron & Steel
2.	Type of Plant	Coal Based Sponge Iron Plant - Kiln
3.	Production Capacity	Sponge Iron – 1 X 100 TPD
4.	Emission Due to	Reduction of Iron Oxide
5.	Raw Materials	Iron Ore, Dolomite and Non Cooking Coal
2.	Stack Height from Ground Level in Meter	55
3.	Port Hole Height from ground level in Meter	33
4.	Shape of Stack	Circular
5.	Inner Dimension of Stack in meter	1.8
6.	Stack Connected to	ESP- Kiln 3

Flue Gas Emission Analysis

Sl. NO.	Parameters	Protocol	Result
1.	Flue Gas Temperature(°C)	IS 11255 (Part-3)	166
2.	Moisture in Flue Gas (%)	CPCB Guideline	1.49
3.	Absolute Stack Gas Pressure (mm Hg)	CPCB Guideline	752.42
4.	Flue Gas Velocity (m/s)	IS 11255 (Part-3)	6.13
5.	Stack Gas Volumetric Flow Rate (Nm ³ /hr.)	IS 11255 (Part-3)	37192
6.	Particulates Matter (mg/Nm ³)	IS 11255 (Part-1)	91.57
7.	SO _x Concentration as SO ₂ (mg/Nm ³)	IS 11255 (Part-2)	82.56
8.	NO _x Concentration as NO ₂ (mg/Nm ³)	IS 11255 (Part-7)	3.01

Emission Rate

Dust	Kg/hr	3.41
Sulphur Dioxide	Kg/hr	3.07
Oxide of Nitrogen	Kg/hr	0.11

****END OF REPORT****

Rachita Singh
Tested by
Analyst

Sunil Kumar Singh
Checked By
(Sunil Kumar Singh)

Lab In- charge cum Technical Manager

Sunil Kumar Singh
Authorized Signatory
(Dr. S. C. Jain)
(Laboratory & QC Manager)

Note:-1. The results refer only to the tested sample of applicable parameters. 2. The sample will be preserved for a maximum of 7 days on request from the date of issue of the certificate. 3. The certificate shall not be reproduced in part or full and can't be used as evidence or in court of law without prior permission in writing. 4. All disputes are subjected to the Ranchi jurisdiction.



INSTITUTE FOR ENVIRONMENTAL MANAGEMENT

ECO ENVIRO LAB

ISO 9001:2015 (QMS), ISO 45001:2018 (OHSAS); NABL & JSPCB Accreditation
2208/A, Jagannath Nagar, Pundag Road, Near Anand Gas Godown, Argora, Ranchi, Jharkhand – 834012.
Email ID – iem2012@Rediffmail.com, Mob. No. – 8407804253.

Fugitive Emission Air Quality Test Report

INDUSTRY NAME & ADDRESS: Maa Chhinnmastika Cement and Ispat Private Limited, Vill- Hehal, P.O. Barkakana, Dist- Ramgarh, Jharkhand	Sample Details: Type of Industry : Sponge Iron Plant Sample Description : Fugitive Emission Sampling Date : 30/09/2020 to 01/10/2020 Sample Registration Date : 01/10/2020
Test Report No : IEM/EEL/RAN/AAQ/0240D Report Issue Date : 08/10/2020 Work Order No. : Application No: 9000478, Date: 29.09.2020, Time 04:40 Protocol : IS Method & CPCB Guideline	Customer Rept : Shree Parsuram Singh Sample Drawn By: Rajiv Kumar Singh & team

METEROLOGICAL INFORMATION			
Average Temp (°C)	Avg. Relative Humidity (%)	Avg. Barometric Pressure (mm of Hg)	Weather Condition
30	70	745.8	Partly Cloudy

Sl. No.	Sampling Points (Timing)	Particulate matter, ($\mu\text{g}/\text{m}^3$) (2000)
1.	Station 1 Near Product Handling Area (08:15AM- 04:15 PM)	1221.4
2.	Station 2 Raw Material Crushing Area (08:30 AM- 04:30PM)	1080.5

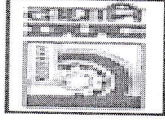
****End of Report****

Tested by
Analyst

Checked By
(Sunil Kumar Singh)
(Lab In charge cum Technical Manager)

Authorized Signatory
(Dr. S. C. Jain)
(Director & QC Manager)

Note:-1. The results refer only to the tested sample of applicable parameters. 2. The sample will be preserved for a maximum of 7 days on request from the date of issue of the certificate. 3. The certificate shall not be reproduced in part or full and can't be used as evidence or in court of law without prior permission in writing. 4. All disputes are subjected to the Ranchi jurisdiction.



Damodar Valley Corporation
Office of the Manager Reservoir Operations
Maithan Dam, Dhanbad
Jharkhand-828 207

Phone : 06540 279445

No.: MRO/Tariff Cell/ MCCIPL

/370

Dated- June 21, 2019

To
The Authorized Signatory,
SRI PARASHURAM SINGH
M/S. MAA CHHINAMASTIKA CEMENT ISPAT PVT. LTD.
Village-Hehal, Post-Barkakana, Dist.- Ramgarh, Jharkhand, Pin.- 829103.

**Sub.: Execution of Agreement for Water withdrawal of 0.51 (Zero point Five One) MGD
of Raw Water for M/S MAA CHHINAMASTIKA CEMENT ISPAT PVT. LTD. Village-Hehal,
Post-Barkakana, Dist.- Ramgarh, Jharkhand, Pin.- 829103.**

Dear Sir,

Enclosed, please find here with a copy of the Agreement for drawal of 0.51 (Zero point Five One) MGD
of Raw Water for Maa Chhinamastika Cement Ispat Pvt. Ltd., on for your record.

Yours faithfully,

Md. Omair

(Md Omair)

Executive Engineer (Civil),

Tariff Cell, MRO'S Office, DVC, Maithon

Dated. June 21, 2019

21.06.2019

DAMODAR VALLEY CORPORATION



AGREEMENT

EXECUTED ON ...21st..... day of June-2019

BETWEEN

DAMODAR VALLEY CORPORATION

AND

MAA CHHINAMASTIKA CEMENT ISPAT PVT. LTD.

For Supply of RAW WATER

FOR

Sponge Iron, process units of mini steel plant like Power plant, Steel melting shop, TMT rolling mill & auxiliaries.

AT

HEHAL

FROM

Damodar River near Changarha, Barkakana, U/S of Ramgarh

FOR

INDUSTRIAL (USES)

Allocated Quantity : 0.51 (Zero point Five One) MGD



झारखण्ड JHARKHAND

B 279065

AGREEMENT

Supply of Raw Water

For

Industrial Use

This Agreement is made on this...21st.....Day of June-2019

BETWEEN


DAMODAR VALLEY CORPORATION, a Corporation constituted under the Damodar Valley Corporation Act being Act No. XIV of 1948 (hereinafter referred to as "the said Act") and having its Headquarters of DVC Towers, VIP Road, Kolkata -700 054 in the state of West Bengal (hereinafter to as "the First Party", which term shall unless excluded by or repugnant to the subject or context include its successors-in-interest and assigns) of the ONE PART

AND

M/S. MAA CHHINAMASTIKA CEMENT ISPAT PVT. LTD., a Private Limited Company having their registered office at Village-Hehal, Post-Barkakana, Dist.- Ramgarh, Jharkhand, Pin.- 829103. in the state of JHARKHAND (Hereinafter referred to as "the Second Party" which term shall unless excluded by or repugnant to the subject or context include its successors-in-interest and/or permitted assigns) of OTHER PART.


Maa Chhinmastika Cement & Ispat Pvt. Ltd.

Authorised Signatory


Md. Omar
Executive Engineer (C)
Water, Tariff Cell
MRO'S Office, DVC, Maithon

WHEREAS one of the functions of the First party under Section 12(a) of the said Act is the promotion and operation of the schemes inter-alia for the supply of water in the Damodar Valley.

AND WHEREAS under the provisions of Section 15 of the said Act the First Party is vested with power to determine and levy rates for bulk supply and retail distribution of water for industrial purpose and specify the manner of recovery of such rates.

AND WHEREAS under the provisions of section 17 of the said Act construction, operation or maintenance in the Damodar Valley of any dam or other work of any installation for extraction of water shall not be effected by any person without the consent of the First Party.

AND WHEREAS the Second Party has requested the First Party under cover of its Letter No.- MCCIPL/198/2019-20 dated 04.06.2019, email dated 07.06.2019 & letter No.- MCCIPL/224/2019-20 dated 17.06.2019 annexed hereto, to allow it to construct, operate and/or maintain the supply of water from Damodar River near Changarha, Barkakana, U/S of Ramgarh for their Sponge Iron, process units of mini steel plant like Power plant, Steel melting shop, TMT rolling mill & auxiliaries. at Village-Hehal, Post-Barkakana, Dist.- Ramgarh, Jharkhand, Pin.- 829103. in accordance with the approved plan and drawing forwarded by Chief Engineer (Civil), DVC, Maithon under cover of his letter No. - Nil and letter No.- MRO/Tariff Cell/144 dated 18.03.2019 & MRO/Tariff Cell/846 dated 11.06.2019 of Dy. Chief Engineer (civil), Water Resources, DVC, Maithon and also the letter No. MD/DVRR/WA-6(PART - VIII/MAA CHHINAMASTIKA / 2019/609-14, dated 06.03.2019 of Member Secretary, DVRR, CWC, Maithon annexed hereto for Industrial purpose as laid down in the relevant provisions of the said act.

AND WHEREAS the First Party has agreed to such construction, operation and/or maintenance of the water supply scheme and has further agreed to such supply of water to the Second Party for an initial period of five years as referred to in Clause- 16 here-in-under on the terms and conditions as hereinafter appearing.

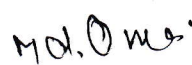
NOW THIS AGREEMENT WITNESSTH AND IT IS HEREBY DECLARED AND AGREED AS FOLLOWS:-

01. (a) PERMISSION :

(i) The "First Party" hereby grants to the "Second Party" the permission to construct, operate and/or maintain the said water supply scheme in accordance with the Plan and Drawing annexed hereto and to extract such quantities of water from Damodar River near Changarha, Barkakana, U/S of Ramgarh for the purpose of Sponge Iron, process units of mini steel plant like Power plant, Steel melting shop, TMT rolling mill & auxiliaries. at HEHAL as the "Second Party" may require upto 0.51 (Zero point Five One) MGD at the point in the Damodar Valley indicated in the said plan and Drawing annexed hereto and in the manner hereinafter mentioned provided the "Second Party" desiring to increase or decrease the quantity of water to be extracted as permitted aforesaid the "First Party" may require the "Second Party" to give the "First Party" THREE(3) MONTHS' notice in writing and approach DVRRC stating the quantity of water required and the "First Party" after receipt of approval of DVRRC will permit the additional drawal of water depending on the condition prevailing at that time provided further that failure on the part of 'the First Party' will not be construed as breach of this Agreement. the sourcing point and allocation of water by DVRRC is function-specific. The allocation shall, in no way, be utilized /misused by 'the Second Party' by sale of water to any other consumer or its sister concern (or any agency on its behalf) for any purpose whatsoever. in the event of any such act, the same will be construed as breach of the terms and conditions of this agreement on the part of 'the Second Party' as specified in clause-17


Maa Chhinmastika Cement & Inpat Pvt. Ltd.

Authorised Signatory


Executive Engineer (C)
Water, Tariff Cell
MRO'S Office, DVC, Maithon

01. **(b) PERMISSION :**

(i) The "First Party" who is seized and possessed of and is otherwise well and sufficiently entitled to the plots of land measuring Nil of DVC land, more particularly described in the drawing hereto annexed, hereby grants to the "Second Party" the right to use/build at his own cost, the intake works comprising the pump house supporting structures and approaches and also lay down pipes and other works on the above mentioned piece and parcel of land.

(ii) These structures and pumping installations shall be the property of the "Second party" and shall be maintained by them.

(iii) The "Second Party" shall apply to the "First Party" for extension of the license-period of the temporarily allotted piece of land for permissive possession/occupation for the specific use as mentioned hereinabove in Cl. 01.(b).(i) before expiry of every license-period/term of 11 (eleven) months as per the subsisting rules & regulations for temporary use/permissive possession/occupation. The "Second Party" hereby agrees to comply with all the existing terms and conditions as may be decided by the Corporation from time to time and agrees to pay the license fee as may be revised time to time without raising any dispute in this regard.

(iv) For the temporary use/occupation of the said Nil of DVC land, the second party shall pay the "First party" a license fee of 0.0 (Nil) @ Rs. 6/- sq.ft. per term of 11 (eleven) months from the date of permissive possession/occupation of the said land is made over to the 'Second Party'. The amount of 0.0 (Nil) for the term is to be paid in advance from the date of occupation of the said land by the 'Second Party'.

The aforesaid license-period and the rate of license fee may be altered and /or revised and/or enhanced as per discretion of 'the FIRST party' and 'the SECOND PARTY' agrees to make the payments as per the revised rate as and when made applicable.

(v) The "Second Party" shall not be entitled to transfer or let out the said land to others without the consent of the "First Party".

(vi) The "First Party" shall not put up any structure of its own on the aforesaid piece of land without the consent of the "Second Party" which shall not be unnecessarily withheld.

(vii) On the termination of the tenure of the temporary use and occupation period, the "Second Party" shall quit, vacate and deliver peaceful possession of the said land by removing the intake works built thereon and restoring it to its original condition at his own cost.

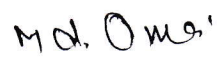
(viii) Neatness and cleanliness of the area occupied should be observed by the "Second Party"

02. **APPROVAL OF PLAN & DRAWING INSPECTION:**

The installation of the "Second Party" required for extraction of water at the point on the DVC Canal of DVC indicated in the said plan and Drawing shall be duly approved by the "First Party" before erection provided the "First Party" or its representatives duly authorized in that behalf shall, from time to time, and at all times be entitled to enter such installations of the "Second Party" for inspection.


Maa Chinnmastika Cement & Impat Pvt. Ltd.

Authorised Signatory


Md. Omar
Executive Engineer (C)
Water, Tariff Cell
MRO'S Office, DVC, Maithong

03. (a) **EXCESS DRAWAL :**

No drawal in excess of the water, as permitted shall be made by "the second party" without obtaining the specific prior written permission/approval of DVRRC and subject to such terms and conditions as "the First Party" may like to impose. Notwithstanding, whatever is mentioned in this agreement regarding excess drawal, it is hereby agreed and accepted by the second party that, for the quantities of water consumed in excess of the approved monthly drawal and for any other unauthorized drawal of water, sanctioned quantum will be charged @ normal rate plus overdrawal/unauthorized drawal in excess of sanctioned drawal on monthly basis will be charged @ 2 (Two) times the normal rate.

(b) **LESS DRAWAL:**

The less drawal of water by 10% or more of the agreement quantity during any 5 (five) consecutive years will automatically call for revision of the agreement quantity. The revised agreement quantity will be reduced to average of preceding 5 yrs' actual drawal, without making any further reference to the consumer incorporating the actual average drawal. However, the consumer may opt to apply to DVRRC for increase the quantity as per provision under Clause -1(a) hereinabove.

04. **MODE OF MEASUREMENT & METERS :**

For the purpose of measurement of the quantity of water extracted, the "Second Party" shall under this Agreement, with the prior Approval of the First Party, install at such points as may be indicated by 'the First Party', as many meters or as equal to the different type or types of uses of water so as to register the quantity of water for the purpose of determining the water drawal pattern (excess/less drawal) of the Second Party in such units of measurement as may be adopted by "the First Party"

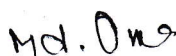
from time to time provided that for the purpose of checking the accuracy of the meter/meters installed by "the Second Party", "the First Party" may install check meters or other mutually agreed upon check measures and "the Second Party" shall provide all facilities such as log book etc. required by "the First Party" for such installation or such check.

It shall be responsibility of the 'Second Party' to repair/rectify/replacement of meter/meters within a period of 30 days from the date of detection of the fault by either party. And that 'the second party' has to submit a report certified by the representative of the first party every year regarding their compliance with proper and satisfactory functioning of meter with proper logging of meter readings which will be given due importance during periodic review of water utilization by DVRRC. Non-compliance of above may tantamount to cancellation of water allotment.

The reading of the meters referred to above shall be jointly taken by the accredited representative of the consumer and Corporation on/or as near as practicable to the last day of each English calendar month or as decided by the corporation and the reading so taken shall be binding, final and conclusive between the consumer and the Corporation as to the quantity of water drawal by the consumer, provided that in the event of any meter being found defective and the quantity of drawal of water during the period when the meter was defective shall be determined, unless otherwise mutually agreed as detailed in clause - 6 & 10 here-in-under.


Md. Chinnmastika Cement & Ispat Pvt. Ltd.

Authorised Signatory


Md. Omar
Executive Engineer (C)
Water, Tariff Cell
MRO'S Office, DVC, Maithon

05. SEALING OF METERS :

All meters referred to in the above mentioned Clause - 04 excepting the ones with automatic recorder on charts if any, shall be properly sealed on behalf of both the parties hereto and shall not be interfered with by either party except in the presence of the other party or its representatives duly authorized in that behalf.

06. METER READING, INSPECTION & BASIS OF PAYMENT :

The Control Valve House housing the meter/meters of 'the Second Party' shall remain in the custody of 'the second Party' and 'the First Party' through its representative duly authorized in that behalf shall at all times be entitled to enter the said Control Valve House and inspect the meter/meters. The meter reading shall be entered up daily at 9.00 hours in a register by the second Party or its representatives duly authorized in that behalf. The readings may be checked and attested by 'the First Party' or its representative duly authorized in that behalf, at convenient intervals

Provided that where it is not possible to record the quantity of water extracted for a particular use directly owing to the absence of a meter directly recording such quantity, the quantity extracted for such use shall be determined by taking the difference between the quantity recorded in the main meter, recording the total quantity extracted for all uses under this Agreement, and the quantity recorded for the other uses for which there may be direct meter/meters.

Provided further that if this meter/meters installed by 'the second party' for recording the quantity of water is/are out of order, the quantity of water extracted may be assessed by taking the average of the quantity extracted during the preceding 3 (three) months as per the reading of the meter/meters, provided further that nothing as aforesaid shall prevent the respective parties from arriving at a mutual settlement as regard the quantity of water extracted during the above period for the purpose of ascertaining excess/less drawal by the second party.

The basis of payment shall be the quantity of water extracted in a month. In other words, bills shall be raised monthly or quarterly or as decided by the corporation, based on the extracted quantity.

07. QUANTITY OF WATER CONSUMED OR EXTRACTED :


The Registers of meter reading referred to in the above mentioned Clause- 06 or the assessed quantity of water mutually agreed upon by and between both the parties hereto or the average of the quantity of water extracted during the three months as aforesaid or computed by taking the difference between the direct recording and main meter shall be the prima facie evidence of the quantity of water extracted by 'the second Party'.

08. PROPRIETARY RIGHT OF METERS AND UPKEEPMENT:

Meters as mentioned in the above mentioned Clause -04 shall be the property of 'the Second Party' and 'the Second Party' shall be liable for the upkeepment of the meter and for carrying out test once a year or more to the satisfaction of the First Party about the accuracy of such meter/meters.


Maa Chinnmastika Cement & Spinel Pvt. Ltd.

Authorised Signatory


Executive Engineer (C)
Water, Tariff Cell
MRO'S Office, DVC, Maithon

09. ACCURACY OF METERS :

In the event of any dispute or difference between 'the First Party' and the Second Party as to the sufficiency or accuracy or state of repair or condition of the said meter or as to the quantity of water extracted through such meter, such difference or dispute shall be referred to and determined by an Engineer to be appointed by both the parties hereto.

10. BASIS OF ASSESSMENT IN ABSENCE OF METER :

(a) It is accepted and agreed by the 'Second Party' that the total quantity of consumption of water for the month shall be computed by the first party on the basis of allocation of water by DVRRC and the bills shall be raised on such quantity as referred to in Schedule-I & II. However, the Second Party is required to install and commission the meter(s) up to the satisfaction of the First Party for ascertaining excess/less drawal as referred to in clause 3.(a) & 3.(b) hereinabove.

(b) If at any time the meters installed for measurement of water extracted shall at any time, cease to register correctly or be removed for repair, calibration etc., then for the period until the said meters shall have been repaired replaced or otherwise adjusted as to register the quantity of water passing through it correctly, the quantity shall be computed as per proviso of clause 06 hereinabove. The First Party, however, shall be entitled to charge and 'the Second Party' shall be liable to pay for such quantity of water as mentioned in Schedule-II and the bills shall be continued to be raised by first party based on the **extracted** quantity as mentioned hereinabove.

Notwithstanding the bills shall be raised as per provisions contained in preceding cl. 10.(a). The Second Party shall make every Endeavour to get the meter repaired and installed to the satisfaction of the First Party within a period of 1(one) months.

11. BILLS & PAYMENTS:

(a) Bills & Tariff:

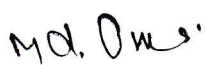
The price for supply of water shall be charged to the 'Second Party' in accordance with Schedule-I & the First Party's 'Schedule of Rates' as given in Schedule-II and other conditions in force from time to time, provided that any levy such as any Surcharge, Sales Tax, Octroi or any another amount by whatever other name called known or made by the Corporation, the state Government or any other competent authorities on quantity of water allocated to the 'the second Party' under this agreement, shall be paid by 'the second Party'.

(b) Security Deposit: Applicable

The First Party may require the Second Party to deposit a Security Amount Rs. 11,26,772/- (Rs. Eleven Lakh Twenty Six Thousand Seven Hundred Seventy Two Only) equivalent to water charges for three calendar months, considering quantity allocated in 0.51 (Zero point Five One) MGD specified in Clause- 1(a) and given in the schedule -I annexed hereto and or as modified as per clause-13 here-in-under and as per the prevailing water rate mentioned in schedule of rates in Schedule-II. The Second Party shall have to pay altered security amount if the quantity of allocation is changed by DVRRC as per the terms of this agreement and as and when the water rates are revised and notified to the second party from time to time during the tenure of this agreement. In the event of termination of this agreement such security deposit shall be refunded after adjustment of dues, if any, to the Second Party without any interest thereon.


Maa Chinnmastika Cement & Ispat Pvt. Ltd.

Authorised Signatory


Executive Engineer (C)
Water, Tariff Cell
MRO'S Office, DVC, Maithop

(c) Periodicity of Billing:

Bills will be raised to the Second Party monthly/quarterly based on actual drawal quantity. It will be the responsibility of second party to make the aforesaid payment within the due date without raising any dispute in this regard.

(d) Mode of payment:

The 'second party' shall pay the bill amount to the first party's office at Kolkata by RTGS/Cheque/Demand Draft drawn on Kolkata Branch of any Nationalized Bank, payable to Chief Accounts Officer, DVC, Kolkata within within 30 days from the date of issue of the bill . The license fee, however, is to be paid by the second party as per terms mentioned in Clause- 1 (b).

(e) Provisional Billing for disputed bills:

In the case of any disputed bill(s) and or non-receipt/delayed receipt of bill, the second party shall collect the duplicate bill from the office of first party and make the payment immediately. However Delay Payment Surcharge, if applicable, as mentioned here-in-under in clause 11.(f) shall have to be borne by the second party. In case of disputed bills, the second party shall continue to pay full amount as per the bill raised by the first party. The necessary adjustment shall be done by the first party on resolution of dispute and/or differences.

(f) Delay Payment Surcharge:

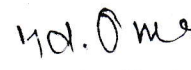
If 'the second party' fails to make the payment of any bill amount within the due date, the second party shall pay the surcharge of 2.0 % per month on the amount of the bill from the due date of payment to the date of receipt of such amount in first party's office at Kolkata/ in Corporation's Account which shall be treated as date of payment. The rate of Delay Payment Surcharge is however liable to revision from such date as the Corporation may decide with prior notice of one month in writing to the consumer.

(g) Default in payment:

In the event any bill remaining unpaid for 60 days from the date of issue of the bill, the first party shall give the second party **7(Seven)** days' clear notice in writing of its intention to discontinue the supply of water and on the expiry of such period if the payment has not been received, 'the first party' may forthwith discontinue supply of water to the second party till the period the default continues. Such discontinuance of supply shall not be deemed as breach on the part of the Corporation to comply with any of the terms of this Agreement and shall not relieve the consumer of its obligations and liabilities under the Agreement.

Maa Chinnmastika Cement & Isolat Pvt. Ltd.

Authorized Signatory


Executive Engineer (C)
Water, Tariff Cell
MRO'S Office, DVC, Maithon

(h) Resolution of Dispute on Bill Amount:

In the event of any dispute on the amount of the bill the consumer shall submit the in details indicating the reason/reasons for such dispute and the aforesaid dispute/disputes normally shall be resolved by mutual discussion and/or mutual exchange of written documents between the consumer and the Corporation through authorized representative within **30 (thirty) days** from the date of receipt of such reference made by the second party to 'the First Party'.

12. MODE OF SUPPLY UNDER NORMAL & ABNORMAL CONDITION:

Save as provided herein 0.51 (Zero point Five One) MGD which, however, need not be continuous, throughout 24 hours, shall be available to 'the Second Party' provided that in case of draught or other unforeseen circumstances, force majeure or any other cause over which the First Party has no control, the First Party shall not be responsible for any diminution or discontinuance of supply on such occasions, but it shall restore the normal conditions of supply as soon as it reasonably can be done to the extent possible.

"The First Party" shall not be considered to be in default or in breach in supplying agreed quantity of raw water due to causes beyond the control of the "The First Party" such as acts of God, Natural Calamities, Civil Wars, Fire, Draught, Riot and acts of unsurpassed power, etc.

13. VALIDITY PERIOD OF QUANTUM OF WATER ALLOCATION:

Notwithstanding whatever is stated herein above, the allocated quantum of water for drawal by 'the Second Party' i.e. initial allocation of quantity (in MGD/Cusec) by DVC/DVRRC shall remain valid for INITIAL AGREEMENT period of **5 (five) years**.

In case the average drawal by the second party during the initial agreement period of five years is **not below 90%** of allocated quantity, then the allocated quantity as specified in Clause- 1(a) shall be treated as the 'allocated quantum' of water for drawal by 'the second party' during the forthcoming period provided that the average drawal during last consecutive **5 (five) years** is **not less by more than 10%** of allocated quantity at the time of review by DVRRC.

In case the drawal is found **less by more than 10%**, the first party may reduce the quantum of allocation accordingly based on the average drawal. However, the second party shall have the liberty to apply for increasing the **re-allocated quantity** as per provision of Clause- 1(a). Any change in the allocated quantity after review by DVRRC Shall deem to replace the quantity of drawal specified in Clause- 1(a) and Schedule- I annexed hereto.

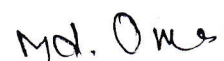
Fresh application for re-allotment of the earlier quantity of water for drawal by the second party, shall be required to be submitted by 'the Second Party' **twelve(12) months** prior to expiry of the initial agreement block of 5(five) years.

If the fresh application as above, is not submitted by 'the second party' in due time to the review committee of DVRRC, 'The first party' shall have the right to reduce ex-parte the re-allocation of water as decided by the committee as deemed fit for equitable distribution taking into consideration the average drawal by the second party during the preceding 5(five) years.

'The second party' hereby accepts and agrees to the aforesaid re-allocation of water without any dispute and the bills shall be raised on the basis of the **drawal quantity** in MGD.


Maa Chinnmastika Cement & Isps Pvt. Ltd.

Authorised Signatory


Md. Omar
Executive Engineer (C)
Water, Tariff Cell
MRO'S Office, DVC, Maithon.

14. RULES & REGULATION:

'The Second Party' agrees to conform to and abide by all rules and regulations made by the First Party including guidelines for water allocation set by DVRRC now in force and/or which may from time to time be made by the First Party consistent with this agreement relating to the extraction of water from the First Party's sources within the statutory limit of the said Act.

'The second party' shall ensure the optimal use of allotted quantum for the specific purpose and surrender the wasteful usage from the allotted quota. 'The second party' shall take all cares to avoid any untoward hydraulic conditions and undesirable changes in the river/supply channel.

'The second party' shall also ensure that the minimum flow in the river channel required for ecological balance is not interfered with. The Second Party shall take care that the intake structure and drawl of water, under no circumstance be detrimental to the safety and operation procedures of adjoining intakes/reservoir bridges both upstream & downstream of the intake point and also that the proposed intake is strong enough to be able to withstand floods in the river.

Notwithstanding whatever is stated in Clause-13 above, the review committee for allocation of water shall have prerogative to review periodically to reflect and incorporate the changes which take place in the realm of Water Resource Management.

"The Second Party" will ensure that the effluent water discharging out of the plant/industry will conform to the latest rules/bye laws/ regulations/prescribed water quality parameters by pollution control board of respective State Governments and/or Central Government.

Notwithstanding that the Corporation may not have acted on some previous breach, defaults or event of like nature on the part of the second party, it shall be lawful for the Corporation to enforce the terms and conditions of these presents in the event of a subsequent breach, default or event of like nature in all matters related to withdrawal of raw water by 'the Second Party'.

Any waiver by 'the First Party' of any breach of the terms and conditions of this agreement by the Second Party shall not constitute waiver of any subsequent breach of any other terms or conditions of this agreement.

15. DISPUTE OR DIFFERENCE & ARBITRATION:

Any dispute(s) or difference(s) arising out of or in connection with the agreement at any time between the 'First Party' and the 'Second Party' shall to the extent possible be settled amicably between the parties.


In the event of any dispute(s) or difference(s) whatsoever arising under the agreement or in connection therewith including any question relating to existence, meaning and interpretation of the agreement or any alleged breach thereof, the same shall be referred to the Secretary/CEO of Damodar Valley Corporation, Kolkata-700 054, to nominate Sole Arbitrator for settlement of disputes.

The Arbitration shall be conducted in accordance with the provisions of the Arbitration and Conciliation Act, 1996 or any statutory modification thereof or for the time being in force or the latest. The decision/judgment of the Sole Arbitrator shall be final and binding on both the parties. The cost of Arbitration shall equally be borne by both the parties. The venue of Arbitration shall be at Kolkata.

However, in case the 'Second Party' is a Central Public Sector Enterprise/Govt. Department, the dispute arising between the parties shall be settled through **Permanent Arbitration Machinery (PAM)** of the Department of Public Enterprise, Govt. of India as per prevailing rules.


Madhukar Mastika Cement & Ispat Pvt. Ltd.

Authorised Signatory


Executive Engineer (C)
Water, Tariff Cell
MRO'S Office, DVC, Maithon

All suits arising out of dispute(s) or difference(s) between the 'First Party' and the 'Second Party' are subject to jurisdiction of Court in the City of Kolkata.

16. TENURE OF AGREEMENT OR VALIDITY :


This agreement shall subject as hereinbefore provided be and remain in force for a period of **5 (five)** years initially from the date of commencement of supply under this Agreement and thereafter shall continue uninterruptedly under the existing terms and conditions until determined by either party after the expiration of the fifth or any subsequent year on giving **3 (Three) months'** prior notice in writing of such intention and at the expiration of such notice this Agreement shall absolutely cease and determine but without prejudice to the rights and remedies, if any, of either party which may have accrued or arisen hereunder in the meantime and provided that the Second Party shall on giving the First Party **3 (three) months'** prior notice in writing of such intention be at liberty at any time after the expiration of the fifth or any subsequent year to terminate this Agreement by making payment of the charges equal to water charges for one year as per Schedule of Rates (Annexed as Schedule-II) in force at that time.

17. TERMINATION :

If 'the 'Second Party' commits any breach of the terms and conditions of this agreement or if there is any default on the part of 'the second Party', 'the First party' will be at liberty to terminate this agreement upon one months' notice to 'the second party' without prejudice to the rights and remedies, if any, which may have accrued or arisen thereunder.



Maa Chinnmastika Cement & Ispat Pvt. Ltd.

Authorised Signatory

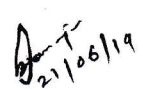

Executive Engineer (C)
Water, Tariff Cell
MRO'S Office, DVC, Maithon

IN WITNESS WHEREOF THE PARTIES TO THESE PRESENTS HAVE HERE UNTO PUT THEIR
REPECTIVE HANDS AND SEALS EACH THE DAY AND YEAR FIRST ABOVE WRITTEN.

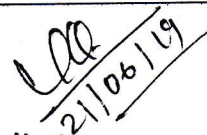
The Agreement along with Schedule of rates would come into effect on and from the date of
commencement of water supply.

- WITNESS
1. S.K. MAJJI — 
DCE/WR
 2. Md. Omar (MD-OMAIR).

(Name & Address) Executive Engineer (O)
Water, Tariff Cell
MRC'S Office, DMC, Maithon


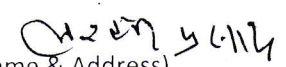

21/06/19
SIGNED, SEALED AND DELIVERED
FOR AND ON BEHALF OF
DAMODAR VALLEY CORPORATION

मुख्य अभियन्ता (सिविल)
दांघांनि, मैथन डैम, धनबाद
Chief Engineer (Civil)
D.V.C., Maithon Dam, Dhanbad


21/06/19
SIGNED AND DELIVERED
FOR AND ON BEHALF OF
MAA CHHINAMASTIKA CEMENT ISPAT PVT. LTD.
Authorised Signatory

Registered Office: Village-Hehal, Post-Barkakana, Dist.-
Ramgarh, Jharkhand, Pin.- 829103.

WITNESS

1. Ashok Lal 
21.06.19
2.  21.06.19
(Name & Address)

SCHEDULE- I

[Referred to in Clause-1(a)]

Quantity of Water allocated by DVRRC for drawal by M/s MAA CHHINAMASTIKA CEMENT ISPAT PVT. LTD. at HEHAL Village-Hehal, Post-Barkakana, Dist.- Ramgarh, Jharkhand, Pin.- 829103., 0.51 (Zero point Five One) MGD From21st..... day of June-2019 the date of commencement of water drawal:

[N.B.: The quantity of raw water allocation as revised by DVRRC from time to time as per the proviso of the agreement shall form the integral part of this agreement]

SCHEDULE- II

[Referred to in Clause-11]

SCHEDULE OF RATES(Effective from 1st October 2012)

FOR

INDUSTRIAL WATER SUPPLY

TIERS (Based on allocation by DVRRC)

Source Of Drawal	T-I	T-II	T-III	T-IV
	(Up to 5 MGD)	(5+ to 10 MGD)	(10+ to 20 MGD)	(Above 20 MGD)
	Rate per KL	Rate per KL	Rate per KL	Rate per KL
Reservoirs /Rivers	Rs. 5.40	Rs. 5.50	Rs. 5.60	Rs. 5.70
Canals / Ponds	Rs. 5.95	Rs. 6.05	Rs. 6.15	Rs. 6.25

Note: 1) The Water Supply Bills shall be raised on the basis of actual drawal quantity as for all the consumers with the above tariff.

2) An incentive of 20% on the monthly billed amount will be allowed to those Industries who have taken appropriate measures for 'Zero Effluent Discharge'. The said incentive will be applicable only if the payments are made within due date and on production of requisite certificate from State Pollution Control Authority.

N.B. : Revised rate will be applicable as and when notified by the Corporation.

[Signature]
21/06/2019
For and on behalf of

**MAA CHHINAMASTIKA CEMENT
ISPAT PVT. LTD.**

**Registered Office: Village-Hehal,
Post-Barkakana, Dist.- Ramgarh,
Jharkhand, Pin.- 829103.**

Maa Chhinmastika Cement & Ispat Pvt. Ltd.

Authorized Signatory

[Signature]
21/06/19
CHIEF ENGINEER

For and on behalf of

दामोदर घाटी निगम, मेथन डैम, धनबाद

Chief Engineer (Civil)

DAMODAR VALLEY CORPORATION

Kolkata-700054

Performa of information to be submitted by the company**DETAILS OF THE COMPANY****A. DETAILS OF APPLICANT:**

01.Name in Capital Letters	SRI PARASHURAM SINGH
02.Designation	DIRECTOR
03.Relationship with Intending Consumer	DIRECTOR OF THE COMPANY
04.Complete Postal Address	Village-Hehal, Post-Barkakana, Dist.- Ramgarh, Jharkhand, Pin.- 829103.
05.Telephone No.	06553-226846
06.FAX No.	06553-226845
07.E.Mail Address	cementispat@rediffmail.com

B. DETAILS OF THE WATER CONSUMER:**1****Details of Registered Office:**

Registered Office	Postal Address:	Village-Hehal, Post-Barkakana, Dist.- Ramgarh, Jharkhand, Pin.- 829103.
	Telephone No. :	06553-226846
	FAX No. :	06553-226845
	E.Mail Address :	cementispat@rediffmail.com

2**Details of Contact Person:**

NAME:	SRI PARASHURAM SINGH	
Contact Person	Postal Address:	Near P.N. Bank, Main Road, Ramgarh Cantt., Dist.- Ramgarh, Jharkhand, Pin.- 829122.
	Telephone No. :	06553-226846
	FAX No. :	06553-226845
	E.Mail Address :	cementispat@rediffmail.com

Maa Chinnmastika Cement & Ispat Pvt. Ltd.

Authorised Signatory

Billing Address	Postal Address:	Village-Hehal, Post-Barkakana, Dist.- Ramgarh, Jharkhand, Pin.-829103.
	Telephone No. :	06553-226846
	FAX No. :	06553-226845
	E.Mail Address :	cementispat@rediffmail.com

C. DETAILS OF PROJECT/UNIT/PUMP LOCATION ETC.:

01. Name of the Village/Place	HEHAL
02. Plot no.	1
03. Dag No.	86
04. Mouza Name & No.	HESLA, Sheet No.- 1
05. J.L. No.	122 (Plot No.)
06. Police Station Name & No.	Ramgarh, Thana no.- 138
07. Name of Post Office with PIN	Barkakana, PIN- 829103
08. District	RAMGARH
09. Postal Address of the Plant/ Unit site	Village-Hehal, Post-Barkakana, Dist.- Ramgarh, Jharkhand, Pin.- 829103.
10. Point of Water Withdrawal/	Latitude 23 ⁰ 38' 35.55 "N & Longitude 85 ⁰ 27 '40.47"E on left Bank of the River
Telephone No.	06553-226846
FAX No.	06553-226845
E.Mail Address	cementispat@grediffmail.com
11. Location of Water Treatment Plant	(a) Water treatment plant proposed to be located near water reservoir inside plant permises. (b) From intake well (near Damodar river), water shall be brought to plant water reservoir, then to water treatment plant for further treatment as per requirement of plant.

Maa Chinnastika Cement & Steel Pvt. Ltd.

Authorised Signatory

12. Location of Pumping Station	Pump house and MCC room will be located on the left bank of river above H.F.L.
13. Number of pumps installed	Two (02) (1 W + 1 S)
14. Capacity of pumps	51.23 LPS (0.0512 m ³ /s) of Head - 24 m
15. Location of water meter	Between pump and rising main.
16. Location of intake point	Nearly 3.5 Km from MCCIPL plant in village Hesla.
17. Quantum of water withdrawal in MGD (approved by DVRRC)	0.51 (Zero point Five One) MGD
18. Date of Commencement of water withdrawal from pumping station	01 January 2011

D.

DETAILS OF RAW WATER USAGE:

(Attach Separate sheet, if necessary, giving details):

(1) Industrial Uses

(2) Coal based sponge Iron plant

(3) Mini steel plant consisting of power plant, Steel melting shop & TMT rolling mill

Manoj Kumar

Signature with full name of person

signing the Agreement & Stamp/ Seal of Company

Maa Chinnmastika Cement & Ispat Pvt. Ltd.

Authorised Signatory



DAMODAR VALLEY CORPORATION

P.O.-MAITHON DAM,

Tel No. (06540) 279402/279683/279445; Fax No. 06540-274313

ANNEXURES

ENCLOSURES FORMING THE PART OF THE AGREEMENT:-

Annexure (1) to (4) mentioned below and annexed hereto shall form the integral part of this Agreement:-

- | | |
|------------------|--|
| (1) ANNEXURE-'A' | Schedule -I & Schedule -II |
| (2) ANNEXURE-'B' | Detail of the Company |
| (3) ANNEXURE-'C' | MD/DVRR/WA-6(PART - VIII/MAA CHHINAMASTIKA / 2019/609-14, dated 06.03.2019 of Member Secretary, DVRRRC, CWC, Maithon |
| (4) ANNEXURE-'D' | MRO/Tariff Cell/144 dated 18.03.2019 & MRO/Tariff Cell/846 dated 11.06.2019 of Dy. Chief Engineer (civil), Water Resources, DVC, Maithon |

For and on behalf of

**MAA CHHINAMASTIKA CEMENT
ISPAT PVT. LTD.**

Registered Office: Village-Hehal,
Post-Barkakana, Dist.- Ramgarh,
Jharkhand, Pin.- 829103.
Maa Chhinamastika Cement & Ispat Pvt. Ltd.

Authorised Signatory

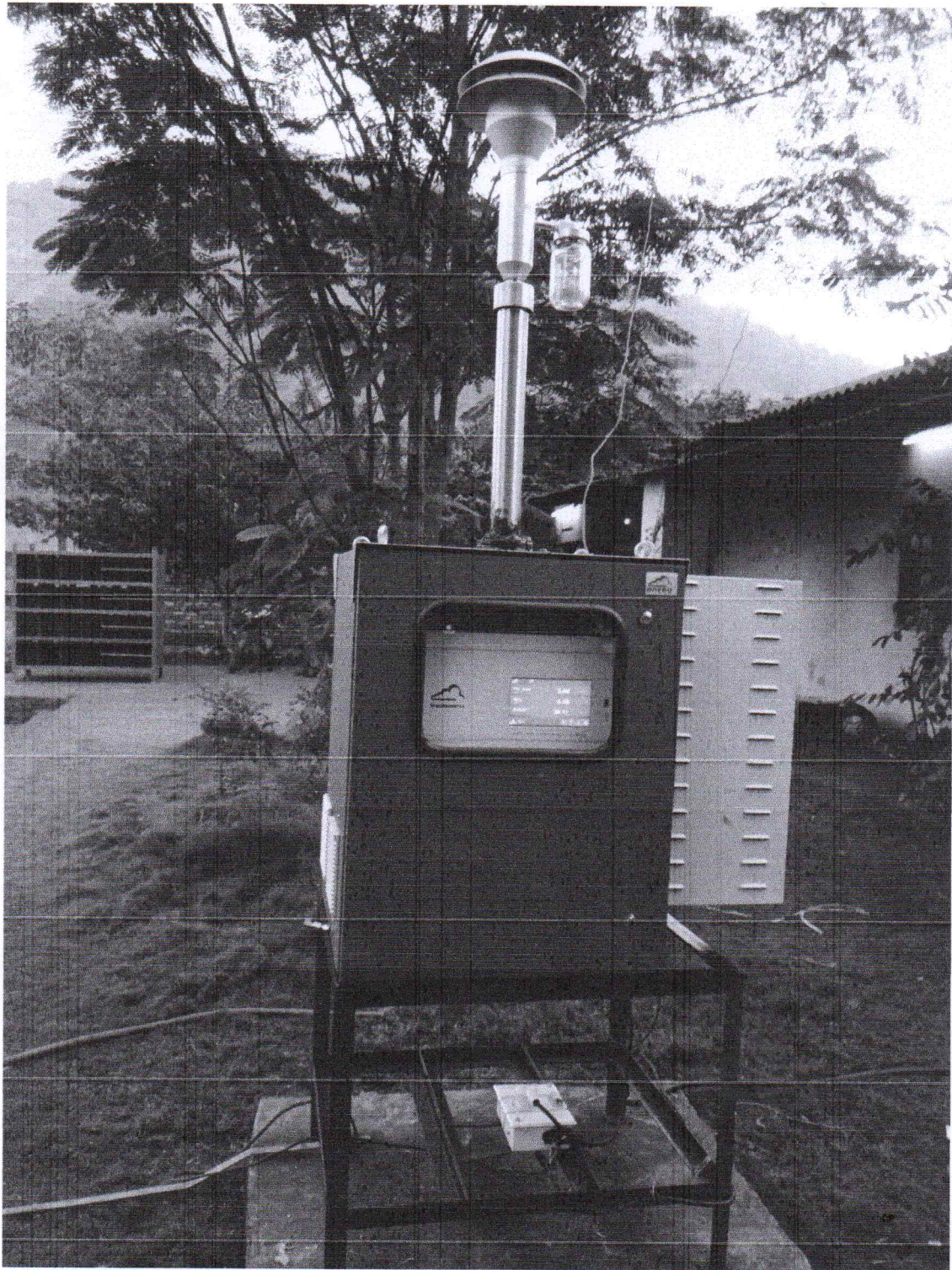
CHIEF ENGINEER
For and on behalf of
दाघानि, मैथन डैम, धनबाद
Chief Engineer (Civil)

DAMODAR VALLEY CORPORATION

Kolkata-700054

Maa Chhinnmastika Cement & Ispat Pvt Ltd

PM 10 Analyser



Santosh Kumar Gupta

Maa Chhinnmastika Cement & Ispat Pvt Ltd.**Stack emission Report (PM All values in mg/Nm3)**

Sl. No.	Month	Stack 1	Stack 2
		PM	PM
1	October-20	90	87
2	November-20	88	89
3	December-20	92	90
4	January-21	89	91
5	February-21	90	87
6	March-21	89	90

Ambient Air Quality Monitoring

Location	Parameters	Unit	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21
Nr. Main Gate	PM 10	$\mu\text{g}/\text{m}^3$	85	83	84	88	87	82
	PM 2.5		50	52	53	52	53	55
Nr. Office	PM 10		90	87	88	89	91	89
	PM 2.5		55	52	54	56	51	50
Nr. Western side Boundary	PM 10		92	91	88	93	95	91
	PM 2.5		57	55	54	53	52	55

Santosh Kumar Goud

MAA CHHINNMASTIKA CEMENT AND ISPAT PRIVATE LIMITED

Registered Office & Works:

At - Hahal, Post - Barkakana - 829103, Dist.- Ramgarh (Jharkhand)
ramgarh_jh@rediffmail.com

EXTRACT OF THE MINUTE OF THE MEETING OF BOARD OF DIRECTORS OF M/S MAA CHHINNMASTIKA CEMENT & ISPAT PRIVATE LIMITED HELD ON THURSDAY 15th DAY OF FEBRUARY 2018 AT 02:30 P.M AT REGISTERED OFFICE OF THE COMPANY

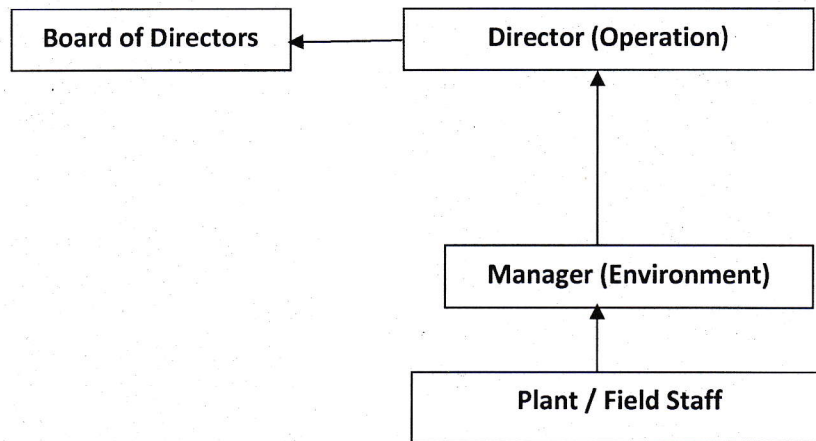
The Chairman informed the board a healthy and sustainable environment is important to our citizen, our economy & our future. Based on the principle of managing environment resources for the benefit & enjoyment of both current & future generation, the board decided to frame and adopt an Environmental Policy. After due deliberation following resolutions was passed in this regard:-

"RESOLVED THAT" the board hereby adopts the Environmental Policy (as discussed below). The mission of MCCIPL is to produce Steel & Steel product in an environment friendly manner and is strive to;

- Integrate sound environmental management practices in all our activities
- Conduct our operations in environmentally responsible manner to minimize pollution and its' impact on environment
- Comply with applicable legal and other requirements related to environmental aspects of our operations and strive to go beyond. The environment management cell will be headed by EHS Manager, a well qualified and experienced environment engineer.
- MCCIPL shall ensure that deviations from this policy and cases of violations/non-compliances of Environment or Forest Laws, if any, shall be reported to the Board of Directors through EHS Manager and shall identify designate responsible person for ensuring compliance with the Environmental Laws and Regulations.
- Conserve energy, and other natural resources, minimize waste generation and promote recovery, recycle and reuse.
- Increase greenery in and around the plant.
- Ensure continual improvement in environmental performance by setting & reviewing objectives & targets.
- Encourage environmental awareness amongst employees working for and on behalf of MCCIPL and the general populace around the plant.

Hierarchical systems - environmental issues and for ensuring compliance

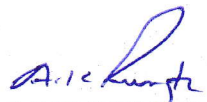
Company EHS cell is responsible for the compliance of the environmental conditions. The Environmental Manager will functionally report to Director (Operation), and the environmental matters are placed to the Board of Directors through Director (Operation).



"RESOLVED FURTHER THAT Mr. Parashuram Singh of the Company be and is hereby severally authorized to make, sign and execute on behalf of the Company such all necessary document required in framing & adoption of "Environment Policy."

"RESOLVED FURTHER THAT the Board be and is hereby recommended to adopt Environment Policy, as the draft placed before the board, initiated by the chairman for the sake of identification".

Date: 15/02/2018


ALOK RUNGTA
(Director)
DIN: 01596258

MAA CHHINNMASTIKA CEMENT AND ISPAT PRIVATE LIMITED

Registered Office & Works:

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

CIN:U26941JH2004PTC010665

ramgarh.jh@rediffmail.com

MCCIPL/40/2020-21

15/09/2020

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 2019 to March 2020 for our Coal based Sponge Iron.

Ref.:- CTO Ref. No. – JSPCB/HO/RNC/CTO-2204067/2018/958, Dated 06/06/18.

Dear Sir,

With reference to the above, we are enclosing herewith the Environmental Statement Report for the period from April 2019 to March 2020 of our Sponge Iron.

Please find above in order and do the needful.

Thanking you,

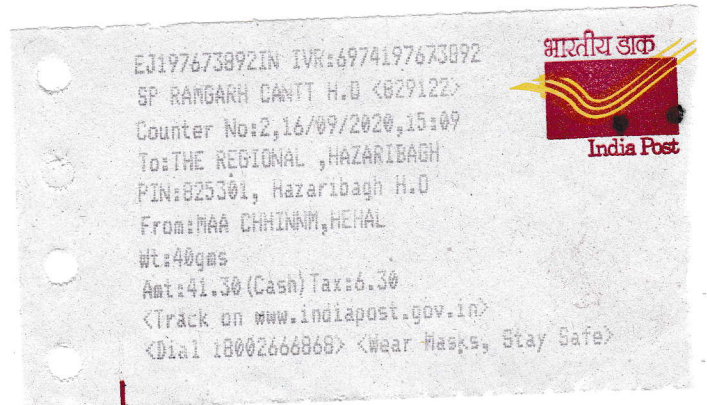
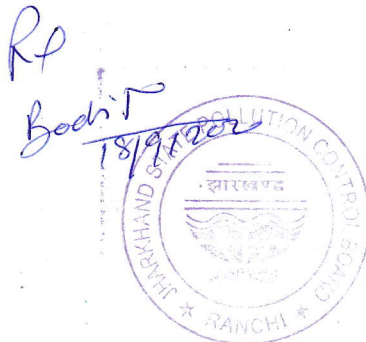
Yours faithfully,
For MAA CHHINNMASTIKA CEMENT & ISPAT PVT.LTD.

Santosh Kumar Gupta

Director

Encl: As above.

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



ENVIRONMENTAL STATEMENT
Maa Chhinnmastika Cement & Ispat Pvt. Ltd.
Period from: April 2019 to March 2020

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 – Parshuram Singh 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
4.	Year of Establishment	2004
5.	Date of the last Environmental Statement Submitted	04/09/2019

PART – B

WATER AND RAW MATERIAL CONSUMPTION

(I) Water consumption in m3/day:

Process & Cooling	:	230.02 m3/day
Domestic	:	7.11 m3/day

Name of Product	Process Water Consumption per Unit of Product Output	
	During Previous Financial Year (2018-19)	During Current Financial Year (2019-20)
Sponge Iron	1.067	1.0017

(II) RAW MATERIAL CONSUMPTION:

Name of Raw Material	Name of Product	Consumption of Raw Material Per Unit of Output	
		During Current Financial Year (2018-19)	During Current Financial Year (2019-20)
Iron ore/Iron Ore Pellets	Sponge Iron	3.345	2.456
Coal		1.741	1.048
Dolomite		0.024	0.039

(III) POWER CONSUMPTION (KWH/MT of Sponge Iron):

During Previous Financial Year (2018-19)	During Current Financial Year (2019-20)
69.392	51.576

(IV) TOTAL PRODUCTION (MT):

During Previous Financial Year (2018-19)	During Current Financial Year (2019-20)
66,277.00	83,778.00

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 of PM & SO₂ are installed with web connectivity with CPCB & SPCB. Continuous Ambient Air Quality Monitoring System (CAAQMS) PM 10 parameter is 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 (2018-19)	During Current Financial Year (2019-20)
a) From Process	<p>Used gear oil and lubricant are stored in drum and used in different Chain Drive within plant campus.</p> <p>Hazardous waste authorization issued vide letter no JSPCB / HO / RNC / HWM-1692559 /2018/25 dated 14/06/2018 valid up to 30/09/2022.</p>	<p>Used gear oil and lubricant are stored in drum and used in different Chain Drive within plant campus.</p> <p>Hazardous waste authorization issued vide letter no JSPCB / HO / RNC / HWM-1692559/ 2018/25 dated 14/06/2018 valid up to 30/09/2022.</p>
(b) From Pollution Control Facilities	Not applicable	Not applicable

PART – E

SOLID WASTE

		Total Quantity (MT)	
		During Previous Financial Year (2018-19)	During Current Financial Year (2019-20)
(a)	From Process		
	1) Dolachar (Coal Chai)	61,506.37	56771.00
(b)	From Pollution Control Facility	Nil	Nil
(c)	Quantity recycled or re- utilized within the unit		
	1) Sold	1,79,633.64	50779.74
	2) Dispose	Nil	Nil

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), 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, installed three numbers of ESP attached to each kiln stack to control stack emission.
- Unit has installed seven numbers of bag filters at various material transfer points to control fugitive emissions.
- Unit has installed one hundred five numbers of water sprinklers at various places within plant premises to control dust emission / fugitive emission from haul roads.

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. The Captive Power Plant (AFBC & WHRB) and its installation will be taken up after grant of CTE.
- EC issued vide letter no F.No.J-11011/215/2016-IA.II(I) dated – 07th August, 2019.
- The application of CTE has been applied before JSPCB vide application no 6089357 dated 27/09/2019.

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 parameter is installed with online monitoring facilities.
 - Data of CEMS, Camera & flow meter are continuously updated on CPCB & SPCB server.
 - 6 numbers of CCTV cameras has been installed within plant premises to monitor the operationalization status of Air pollution Control Devices.
-