

30th May 2025

To,

The Regional Director,
Central Pollution Control Board,
4th Floor, Shankar Bhawan,
North TT Nagar,
Bhopal (M.P.)
Phone-0755-2775384.

Sub. Submission of compliance of conditions of Environmental Clearance (EC) for the period from October 2024 – March 2025.

**Ref. F. NO. J-11011/267/2007- IA II (I) DATED 02.04.2009,
F. NO.J- 11011/267/2007- IA II (I) DATED 09.09.2010,
F. NO.J-11011/267/2007-IA II (I) DATED 23.08. 2012,
F. NO.J-11011/267/2007- IA II (I) DATED 26.12.2019 and
F. No. J-11011/267/2007- IA II (I) DATED 16.03.2023.**

Dear Sir,

With reference to the subject cited above, we are submitting herewith compliance of conditions (alongwith annexures) mentioned in the Environmental Clearances granted to us by MOEF&CC vide above referred letter numbers for the period from **October 2024 – March 2025**.

This is for your kind information and record please.

Thanking You
Yours Faithfully
For MSP Steel & Power Ltd.


Prashant Pandey
Sr. General Manager-Corporate coordination

Encl. As above

Copy to –

1. The Regional Officer, Integrated Regional Office, MoEF&CC, Aranya Bhawan, North Block, Sector 19, Atal Nagar, Naya Raipur (C.G.)
2. The Member Secretary, Chhattisgarh Environment Conservation Board, Paryawas Bhawan, Atal Nagar, Naya Raipur (C.G.)
3. The Regional Officer, Chhattisgarh Environment Conservation Board, Raigarh (C.G.)

E-COMPLIANCE OF CONDITIONS OF ENVIRONMENTAL CLEARANCE GRANTED BY MOEF, NEW DELHI VIDE F.NO.J-11011/267/2007-IA II(I) DATED 02.04.2009. Status for the period of Oct.2024 to Mar. 2025

A. SPECIFIC CONDITIONS

SN	SPECIFIC CONDITIONS	COMPLIANCE STATUS																																									
I	Efforts should be made to reduce RSPM levels in the ambient air and a time bound action plan shall be submitted, On-line ambient air quality monitoring and continuous stack monitoring facilities for all the stacks and sufficient air pollution in to devices shall be provided to keep the emission levels below 100 mg / Nm ³ . At no time, the emission level shall be beyond the prescribed standard Interlocking facilities shall be provided so that process can be automatically stopped. In case of emission level exceeds the limit. Data on ambient air quality and stack emissions shall be regularly submitted to this Ministry Including its Regional Office at Bhopal, CPCB and Chhattisgarh Environment Conservation Board (CECB) once in six months.	Status of Installation Unit wise (Annex-I) <table border="1"> <thead> <tr> <th>Capacity</th><th>ESP</th><th>BAG FILTER</th><th>VENT FILTER</th><th>DRY FOG</th></tr> </thead> <tbody> <tr> <td>Sponge Iron 5.45 LTPA 3x8=24 MW & 1x15 MW WHRB</td><td>04 nos. (each 3 house field)</td><td>06 nos bag</td><td>04 nos.Vent Filter</td><td>Installed Dry Fog system</td></tr> <tr> <td>CPP (10+4.5 & 34 MW)</td><td>03no. (3 & 5 Field)</td><td>02 no. Bag house</td><td>03 no. vent filter</td><td></td></tr> <tr> <td>SMS -IF+CCM 5.77 LTPA</td><td>-</td><td>02 no. Bag house</td><td></td><td></td></tr> <tr> <td>Pellet 13.50 LTPA</td><td>03 nos. (3 Field),</td><td>02 no. Bag house</td><td></td><td></td></tr> <tr> <td>Rolling Mill 4.80 LTPA</td><td colspan="4" rowspan="2">Casting of billet in CCM & hot rolling online.</td><td></td></tr> <tr> <td colspan="6"> AAQMS (04 NOS) & CEMS Installed with all stacks for Ambient air quality and Stack emission and data transfer to the server of CPCB & SPCB. </td></tr> </tbody> </table>					Capacity	ESP	BAG FILTER	VENT FILTER	DRY FOG	Sponge Iron 5.45 LTPA 3x8=24 MW & 1x15 MW WHRB	04 nos. (each 3 house field)	06 nos bag	04 nos.Vent Filter	Installed Dry Fog system	CPP (10+4.5 & 34 MW)	03no. (3 & 5 Field)	02 no. Bag house	03 no. vent filter		SMS -IF+CCM 5.77 LTPA	-	02 no. Bag house			Pellet 13.50 LTPA	03 nos. (3 Field),	02 no. Bag house			Rolling Mill 4.80 LTPA	Casting of billet in CCM & hot rolling online.					AAQMS (04 NOS) & CEMS Installed with all stacks for Ambient air quality and Stack emission and data transfer to the server of CPCB & SPCB.					
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II	As proposed, electrostatic precipitator (ESP) shall be provided to DRI plant, Sinter Plant, Iron Ore agglomeration unit. WHRB and ABC boilers to control air emissions within 100 mg/Nm ³ Gas cleaning plant having dust catcher and bag filter shall be provided to blast furnace (BF) and BF gas shall be used for power generation. Ventury scrubbers shall be provided to Rolling Mill.	<p>- Complied</p> <ul style="list-style-type: none"> - ESP capacity reported earlier is adequate to maintain emission within permissible level. - Blast Furnace is not establishment of project. - On line rolling process is adopted and unit is not using re-heating furnace in the Rolling Mills. 																																									
III	Hot gases from DRI kiln shall be passed through Dust Settling Chamber (DSC) to remove coarse solids and After Burning Chamber (ABC) to burn CO completely and used in waste heat recovery boiler (WHRB) The gas then shall be cleaned in ESP before leaving out Into the atmosphere through ID fan and stack. Blast	<p>- Complied</p> <ul style="list-style-type: none"> - All kilns are equipped with DSC & ABC to burn CO and hot gases used in WHRB. - Gas sucked through I D Fan is cleaned in ESP before 																																									

	Furnace gas shall be used for power generation.	<p>finally discharged to atmosphere.</p> <ul style="list-style-type: none"> - Emission control system is installed as mentioned in clause (I) - Condition for BF will be followed while establish the plant.
IV	Gaseous emission levels including secondary fugitive emission from blast furnace and sinter plant shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored Guidelines I Code of Practice issued by the CPCB shall be followed, The emission standards issued by the ministry in May 2008 for the sponge plants shall be followed.	<ul style="list-style-type: none"> - Noted the conditions. - Norms will be followed while establish the BF project & Sinter plant project.
V	vehicular pollution due to transportation of raw material and finished product shall be controlled, Proper arrangements shall also be made to control dust emission during loading and unloading of the raw material and finished product, All the raw materials, including fly ash shall be transported In the closed containers only and shall not be overloaded Vehicular emission shall be regularly monitored.	<p>Complied.</p> <p>Control of vehicular pollution</p> <p>-Raw material: Transported in covered vehicle and water spraying system at unloading point of ground hopper.</p> <ul style="list-style-type: none"> - Finish Product: Covered vehicle and stored in silo. Telescopic chute is installed to prevent emission of dust during loading of Sponge iron. - Fly ash transfer to silo through pneumatic conveying system, moisturize during loading and transported in enclosed condition.
VI	In plant control measures for checking fugitive emissions from all the vulnerable sources like spillage/raw materials/coal handling etc, shall be provided, Further, specific measures like provision of dust suppression system consisting of water sprinkling, suction hoods, fans and bag filters etc. shall be installed at material transfer points and other enclosed raw material handling areas to control fugitive emissions, Centralized de-dusting system i.e. collection of fugitive emissions through suction hood and subsequent treatment through bag filter or any other device and finally emitted through a stack of appropriately designed height conforming to the standards shall be provided. Dust extraction system with bag filters shall be provided in coal crushing, screening, cooler discharge areas, product separation areas etc and by providing covered sheds to control fugitive emissions Fugitive emissions shall be regularly monitored and records	<p>Complied.</p> <ul style="list-style-type: none"> - Proper control & monitoring devices are installed as shown in Annex. I - Water sprinkler (480 Nos) system installed and operated for the control of Fugitive emission. - Bag filter system installed in the Coal Handling unit. - Fugitive emission monitored and all records maintained. <p>Annex- II (Fugitive dust Monitoring report)</p>

	maintained.	
VII	Total water requirement from Sapnai River / Kurnala for the expansion shall not exceed to 6701.2 m3/day as per the permission accorded by the Water Resource Department. Govt. of Chhattisgarh. No ground water shall be used in BF-GCP and coal washery water shall be treated in the thickener and properly used, Acidic and Alkaline effluent from DM water plant shall be neutralized and reused in the plant. All the other waste water shall be treated In effluent treatment Plant (ETP) and used for ash conditioning, dust suppression and green belt development. No waste water shall be discharged outside the premises and 'Zero' effluent discharge 'shall be ensured, Domestic effluent will be treated in Septic Tank followed by soak pit.	<ul style="list-style-type: none"> - Complied. <ul style="list-style-type: none"> - Water consumption does not exceed the quantity approved in EC - Water bill is paid to WRD regularly. - Coal washery is not in operation since for viability reason. - Waste water from RO DM plant is neutralized and re used for dust suppression and green belt development. - ETP, installed and waste water treated and used in ash conditioner. Test report of NABL accredited & CECB approved lab. <p>Annex- III (Waste water test report)</p> <ul style="list-style-type: none"> - Domestic effluent is treated in STP and septic tank by soak pit. - The unit ensures Zero discharge of water outside of premises. Flow meter and camera at generation point and discharge line is installed. Online Data transmission provided to server of CPCB / CECB.
VII I	Prior permission for the drawl of 6,701.2 m3/day water from Sapnai River I Kurnala from the concerned department shall be obtained.	<ul style="list-style-type: none"> - Complied. <p>Permission obtain for 2 MCM water from Sapnai/Kurnala from the Ministry of Water Resources Division, Raipur vide letter no. 6728 dated 11.11.2009. Our present requirement is within the permitted limit of 2MCM</p> - Copy of above approval in this regard is attached herewith as Annex-IV (Permission for water withdrawal).
IX	The water consumption for the proposed steel plant shall not exceed 16 m3/Ton of steel as per prescribed standard.	<ul style="list-style-type: none"> - Complied. <ul style="list-style-type: none"> - Water consumption is under prescribed standard. Annex.V <p>Third party water audit certificate is attached</p>
X	Ground water monitoring around the solid waste disposal site I secured landfill (SLF) shall be carried out regularly and report submitted to the Ministry, regional Office at CECB, CPCB and SPCB.	<ul style="list-style-type: none"> - Complied. <p>Ground water quality is monitored at surrounding area of plant and nearby villages on six monthly, last monitoring report is attached herewith as Annex. VI (Ground water test report)</p> - Ground water quality is not adversely affected by our unit.
XI	All the Char, coal washery rejects and middling should be used in AFBC based power- plant,: Granulated slag shall be sold to cement plant. All	<ul style="list-style-type: none"> - Complied.

	the other solid wastes including broken refractory mass shall be properly disposed off in environmental-friendly manner Oily waste shall be provided to authorized recyclers /re-processors'.	<ul style="list-style-type: none"> - All Char & reject coal is used as fuel in our own CFBC Power Plant. - Granulated slag is used in side road construction. - Broken waste refractories are sold to buyers. - Oil waste as used oil sold to authorize recyclers.
xii	AFBC Plant shall be installed before installation of Sponge Iron Plant so that utilization of char in the AFBC boiler is ensured. All the char from DRI plant and washery rejects shall be utilized in AFBC boiler of power plant and no char. shall be disposed off anywhere else. All the blast furnace (SF) slag shall be granulated and provided to cement manufacturers for further utilization. Ash from WHRB of DRI plant and AFBC boiler shall be given to brick making units/cement plants. Accretion slag, SMS slag and tailings shall be properly disposed off in environment-friendly manner.	<p>Complied.</p> <ul style="list-style-type: none"> - All Char & reject coal is used as fuel in our own CFBC Power Plant. - Dolochar is used in our own CPP (AFBC and CFBC) Power Plants. - SMS slag, after metal recovery is used in the filling of low lying area within premises for upcoming project. - Blast furnace not Established. - Fly ash utilized in own Brick plant as well as supplied to nearby Brick making units.
xii i	No solid/hazardous waste like-fly ash and BF slag shall be disposed off in the abandoned mines Without proper permission from the concerned department. Waste oil shall be provided to registered recyclers / re-processors	<ul style="list-style-type: none"> - Blast furnace is yet to be installed. - Used oil sold to authorize recyclers with due clearance / Authorization from CECB. - Used oil analyzed for toxic metal composition before its disposal to authorized recycler. <p>Annex- VII (Solid waste analysis report)</p> <p>Annex- VIII (Used oil test report)</p>
xiv	A time bound action plan shall be submitted to reduce solid waste. Its proper utilization and disposal to the Ministry's Regional Office at Bhopal, CECB/CPCB.	<p>Complied.</p> <ul style="list-style-type: none"> - The unit has submitted in the office of CPCB, Raipur and Raigarh a time bound action plan for utilization of solid waste. Annex- IX (Action plan)
xv	Proper handling storage utilization and disposal of all the solid waste shall be ensured and regular report regarding toxic metal content in the waste material and its composition, end use solid/hazardous waste shall be submitted to the Ministry's Regional Office at Bhopal, SPCB and CPCB	<p>Complied.</p> <ul style="list-style-type: none"> - All Char & reject coal is used as fuel in our own CFBC Power Plant. - Granulated slag is used in side road construction. - Broken waste refractories are sold to buyers. - Solid waste (Fly ash, Bed ash, SMS Slag and SMS Bag filter dust tested for toxic metal composition, finding of the report is satisfying the permissible norms. Annex- VII (Solid waste test report)

xvi	Proper utilization of fly ash shall be ensured as per Fly ash Notification, 1999 as amendment In 2003. Ash shall be stored in silo and given to cement plants /brick manufacturers for further utilization.	<p>- Complied.</p> <ul style="list-style-type: none"> - Fly ash generated from our Captive power plants is fully utilized as per the MoEF&CC norms for Brick manufacturing, civil works, road construction and filling of low lying area of projects that came up in our periphery. - Fly ash generation and its utilization in the last six month is as under. <table border="1"> <thead> <tr> <th>Total Fly ash Gen (MT)</th><th>Brick Making (MT)</th><th>Low lying land filling (MT)</th><th>Road making (MT)</th><th>Other Eco-friendly use (MT)</th><th>% Utilization</th></tr> </thead> <tbody> <tr> <td>121145</td><td>121145</td><td>0</td><td>0</td><td>0</td><td>100%</td></tr> </tbody> </table> <p>Fly ash used in own brick plant as well as brick making units installed in the nearby area. Third party audit done by NIT Rourkela is submitted in the office of RO,CECB Raigarh. Annex- XVIII (Information of submission to CECB)</p>	Total Fly ash Gen (MT)	Brick Making (MT)	Low lying land filling (MT)	Road making (MT)	Other Eco-friendly use (MT)	% Utilization	121145	121145	0	0	0	100%
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121145	121145	0	0	0	100%									
xvi i	As proposed, green belt shall be developed in 180 acres (33 %) out of total 541 acres Within and around the plant premises as per the CPCB guidelines in consultation with DFO.	<p>- Complied.</p> <p>Annex- X (Green belt audit report)</p>												
xvi ii	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Steel Sector shall be implemented.	<p>- Complied</p> <p>- Status of compliance for Charter on Corporate Responsibility for Environment Protection (CREP) for the Steel Sector is attached.</p> <p>-Annex XI</p>												
xix	The company shall provide housing for construction labour within the site with all necessary Infrastructure and facilities such as fuel for Cooking. Mobile toilets. Mobile STP. Safe drinking water, medical health care, crèche etc. The housing may be In the form of temporary structures to be removed after the completion of the project	<p>- Complied.</p> <ul style="list-style-type: none"> - At project stage temporary housing facility with all amenities are provided and removed after completion of project. - During operation stage separate housing facility provided, away from Factory premises. 												
B GENERAL CONDITIONS														
i	The project authorities must strictly adhere to the stipulations made by the Chhattisgarh Environment Conservation Board (CECB) and the State Government	<ul style="list-style-type: none"> - The unit followed strictly the stipulations made by the CECB and the State Government. - CTE/CTO obtained on satisfactory compliance is made. 												
ii	No further expansion or modifications in the plant shall be carried out without prior approval of the	<ul style="list-style-type: none"> - Noted and shall follow the same. 												

	Ministry of Environment and Forests.	
iii	The gaseous emissions from various process units shall conform to the load/mass based standards notified by this Ministry on 19th May. 1993 and standards prescribed from time to time. The State Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location At no lime the emission level shall go beyond the prescribed standards.	<p>– Complied.</p> <ul style="list-style-type: none"> - Gaseous emission from stack ie Sox and NOx is monitored through CEMS and data uploaded to the server of SPCB/CPCB. - Measures taken for effective control of pollution by proper installation, maintenance of pollution control devices.
iv	At least four ambient air quality monitoring stations shall be established in the downward direction as well as where maximum ground level concentration of SPM, S02 and NOx are anticipated in consultation with the CECB. Data on ambient air quality and stack emission should be regularly submitted to this Ministry including its Regional Office at Bhopal and the CECB/CPCB once in Six months	<p>– Complied.</p> <ul style="list-style-type: none"> - AAQMS and CEMS are installed and data uploaded on line as per guide line.
v	Industrial waste water shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May. 1993 and 31st December, 1993 or as amended form time to time, The treated waste water shall be utilized for plantation purpose	<p>– Complied.</p> <ul style="list-style-type: none"> - Industrial waste such as boiler blow down water treated in ETP and used in dust conditioner and sprinklers. - RO reject water neutralize and used in road spraying. - Waste water treated in ETP and use for dust conditioner and plantation.
vi	The overall noise levels In and around the plant area shall be kept well Within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers. Enclosures etc. on all sources of noise generation, The ambient noise levels should conform to the standards prescribed under EPA Rules. 1989 VIZ. 75 dBA (daytime). and 70 dBA (Night Time)	<p>– Complied.</p> <ul style="list-style-type: none"> - Regular monitoring of vibration carried out to control Noise. - Acoustic hoods, silencers are provided with DG sets - Environmental cell monitoring noise both work zone & Ambient air twice in a month and no abnormality has been observed. Monitoring by Third party (NABL accredited)also conducted for the verification of in house results.
vii	Occupational Health Surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act	<p>– Complied.</p> <p>Industry has Occupational Health centre in the premises where health checkup done periodically and record maintained.</p> <ul style="list-style-type: none"> - Health checkup report submitted with the office of Industrial Health & Safety, Raigarh.
vii i	The company shall develop surface water harvesting structures to harvest the rain water for utilization In the lean season besides recharging the ground	<p>– Complied.</p> <ul style="list-style-type: none"> - The unit has adopted rain water harvesting techniques with

	water table.	provision for collection of roof water & runoff water for recharge of ground water level.
ix	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIAIEMP report. Further, the company must undertake socioeconomic development activities in the surrounding villages like community development programmes, Educational Programmes, drinking water supply and health care etc.	<p>– Complied.</p> <p>Community development carried out under District administration.</p> <ul style="list-style-type: none"> - Health care camps. - Education- By providing teacher. - Ambulance service for villagers. - Drinking water.
x	Adequate funds shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Bhopal. The funds so provided shall not be diverted for any other purpose.	<p>– Complied.</p> <ul style="list-style-type: none"> - Proper pollution control devices as shown in the Annex. I are installed and maintained by our in house Environment management cell.
xi	The Regional Office of the Ministry at Bhopal/ CPCB/CECB will monitor the stipulated conditions. A six monthly compliance report and the monitored data along with statistical interpretation shall be submitted to them regularly.	<p>– Complied.</p> <ul style="list-style-type: none"> - The Regional Officer CECB, time to time visits the plant and monitors the Environmental emissions. <ul style="list-style-type: none"> - Last Six month monitoring data for Stack Air, Ambient air, fugitive emission, Noise monitoring (Ambient & work zone) and drinking water attached herewith <p>Annex- II (Fugitive dust Monitoring report)</p> <p>Annex- XII (Stack , Ambient & Noise monitoring report)</p>
xii	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the CECB and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.nic.in This shall be advertised within seven days from the date of issue of the clearance letter, at least In two local newspapers that are Widely circulated III the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office	<p>- Complied</p> <ul style="list-style-type: none"> - We had made a publication of the said matter in two local newspapers with a view to inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the CECB and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.nic.in - Copies of EC is made available to public and administration. - AAQMS & CEMS data is uploaded online to CECB / CPCB server. - Display board is installed to display operational status.

xii i	Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	<p>- Complied</p> <ul style="list-style-type: none"> - Concerned regional authority was made aware the financial closure in due course of time.
7	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory	<ul style="list-style-type: none"> - Noted the point.
8	The Ministry reserves the right to stipulate additional conditions if found necessary the company in a time bound manner shall implement these conditions	<ul style="list-style-type: none"> - Noted the point.
9	Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Act, 1997	<ul style="list-style-type: none"> - Noted the point.
10	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 Wastes (Management and Handling) Rules, 2003 and the Public (Insurance) Liability Act, 1991 along with their amendments and rules.	<ul style="list-style-type: none"> - Noted the point.

COMPLIANCE OF CONDITIONS ADDED IN THE ENVIRONMENTAL CLEARANCE GRANTED BY MOEF, NEW DELHI VIDE F. NO.J-11011/267/2007-IA II(I) DATED 09.09.2010. Status for the period of Oct. 2024- Mar.2025

SN	Conditions	Compliance Status
i	The company shall comply with all the conditions stipulated vide Ministry's letter no, J-11011/267/2007- IA-I! (I) dated 2 nd April, 2009	-The unit are complying with the conditions stipulated vide Ministry's letter no, J-11011/267/2007- IA-II (I) dated 2 nd April, 2009
ii	The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 2261 E: dated 16 th November, 2009 shall be followed	- Complied.
iii	The water consumption shall not exceed the existing capacity of 6701.2 m ³ /day.	Complied. -No incidence of any excess consumption.
iv	The proposed change In configuration shall be implemented in the existing land area of 541 acres no additional land shall be acquired	Noted and shall follow the same.
v	Efforts shall be made to use maximum water from the rain water harvesting sources, if needed capacity of the reservoir should be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources.	Complied. - The unit has adopted rain water harvesting system with provision for collection of roof water & runoff water to recharge of ground water level and for use in plant as well.
vi	Use of air cooled condensers shall be explored and closed circuit cooling system shall be provided to reduce water consumption and water requirement shall be modified accordingly. All the effluent shall be treated and used for ash handling, dust suppression and green bell development No effluent shall be discharged and 'zero' discharge shall be adopted.	Complied. - Industrial waste such as boiler blow down water, treated and used in dust conditioner and sprinklers. - RO reject water neutralize and used in road spraying. - Waste water treated in ETP and use for dust conditioner and plantation.
vii	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad I Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions I representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent	Complied. -Copy of clearance letter was sent to concerned local bodies.
viii	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office, the respective Zonal Office of	-Complied. - PM10, PM2.5 SO ₂ , NO _x in ambient air & PM, SO ₂ & NO _x at Stack monitored & displayed at Main gate month wise. - AAQMS and CEMS installed and online data uploaded as per guide line.

	CPCB and the SPCB. The criteria pollutant levels namely: RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	
ix	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both In hard copies as well as by e-mail) to the respective Regional Office of MOEF, the respective Zonal Office of CPCB and the CWCB. The Regional Office of this Ministry at Bhopal/CPCB/CECB shall monitor the stipulated conditions.	<p>- Complied.</p> <p>- Noted the point and complied accordingly.</p>
x	The environmental statement for each financial year ending 31 st March in Form-V as mandated to be submitted by the project proponent to the concerned state Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986 as amended subsequently. Shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Offices of the MOEF by e-mail.	<p>- Complied.</p> <p>-The Environmental Statement is being submitted annually on regular basis. The copy of the same is also submitted to the office of Regional Officer, CPCB, Raigarh (C.G.)</p>
xi	In case of change in the scope of the project, the unit shall obtain fresh environmental clearance	-The unit shall surely obtain a fresh environmental clearance if there is any change in the scope of the project.

COMPLIANCE OF CONDITIONS ADDED IN THE ENVIRONMENTAL CLEARANCE GRANTED BY MOEF, NEW DELHI VIDE F. NO.J-11011/267/2007-IA II(I) DATED 23rd August, 2012. Status for the period of Oct- 2024 to Mar.2025

SN	Conditions	Compliance Status
i	The company shall comply with all the conditions stipulated vide Ministry's letters dated 02.04.2009 & 09.09.2010 and conditions stipulated in the consents granted by CECB.	-The unit are complying with the conditions stipulated, compliance attached above.
ii	The company shall submit within three months their policy towards Corporate Environment responsibility which should inter-alia address (i) Standard operating process/procedures to being into focus any infringement/deviation/violation of environmental or forest norms/conditions, (ii) Hierarchical system or administrative order of the company to deal with environmental issues and ensuring compliance to the environmental clearance conditions and (iii) System of reporting of non compliance/violation environmental norms to the Board of directors of the company and /or stakeholders or shareholders.	The unit has prepared the Hierarchical system. Annex-XIII

COMPLIANCE OF CONDITIONS ADDED IN THE ENVIRONMENTAL CLEARANCE GRANTED BY MOEF, NEW DELHI VIDE F. NO.J-11011/267/2007-IA II(I) dated 26th rd Dec, 2019. Status for the period of Oct- 2024 to Mar.2025

SN	Conditions	Compliance Status
i	No Ground water drawl is permitted.	Noted and followed. The unit has permission for the use of surface water (02 MCM).
ii	Air cooled condenser in Power plant shall be used.	- Complied. - In the 15 th EAC(IND-1 sector) held on dated 17-18 Oct 2022, our request for the continuation of use of WCC is considered by EAC and recommended our proposal to continue with WCC
iii	Emission levels from Bag filter and ESP shall be 30mg/Nm ³ and 50 mg/Nm ³ respectively.	The unit has installed Bag filters and ESP of adequate capacity to maintain emission level within prescribed limit. On line CEMS also installed and data communicated to the server of CECB & CPCB.
iv	PP committed for the use of imported coal only. However, the committee felt that during non-availability of imported coal, PP shall be using Indian coal. Therefore, the pollution control equipments shall be designed for the use of Indian coal.	The unit had already installed pollution control devices of adequate capacity where Indian coal can be used.
v	Zero liquid discharge shall be adopted.	The unit has installed ETP and treated water is used for the dust conditioning and dust suppression system.
vi	100 % waste utilization shall be followed.	Solid wastes are utilized 100% as per the conditions of EC &

		CTO without causing any adverse impact on environment such as brick making, road construction & reclamation of low land with appropriate consent.																					
vii	Green belt shall cover plantation of 50,000 saplings in and around the plant site in a time frame of five years.	<p>Compliance on addition plantation of 50000 in 05 years.</p> <p>- The Unit has planted about 39684 plants in 2020-21, 2021-22, 2022-23 & 2023-24 in its inside and outside of periphery villages namely Junadih, Navapara & Jamgaon Basti.</p> <p>Compliance on addition plantation of 50000 in 05 years is as under</p> <table border="1"> <thead> <tr> <th>Plantation done/Proposed</th> <th>Year</th> <th>No. of Trees</th> </tr> </thead> <tbody> <tr> <td>Done</td> <td>2020-21</td> <td>6396</td> </tr> <tr> <td>Done</td> <td>2021-22</td> <td>7788</td> </tr> <tr> <td>Done</td> <td>2022-23</td> <td>13000</td> </tr> <tr> <td>Done</td> <td>2023-24</td> <td>12500</td> </tr> <tr> <td>Done</td> <td>2024-25</td> <td>10500</td> </tr> <tr> <td>Total</td> <td></td> <td>50184</td> </tr> </tbody> </table> <p>1000 Nos big size of NEEM & PIPAL sapling provided to CECB on their instruction as District Administration planned plantation at surroundings Raigarh</p> <p>Annex-XIV</p>	Plantation done/Proposed	Year	No. of Trees	Done	2020-21	6396	Done	2021-22	7788	Done	2022-23	13000	Done	2023-24	12500	Done	2024-25	10500	Total		50184
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File No. J-11011/267/2007-IA.II(I) dated 16.03.2023

Expansion of DRI Plant [Sponge Iron] from 375,000 TPA [existing] to 953,000 TPA [Post Expansion], Steel Melting Shop from 384,000 TPA [existing] to 1171,000 TPA [post Expansion], Rolling Mill from 480,000 TPA [existing] to 1020,000 TPA [Post Expansion], Coal washery from 360,000 TPA [existing] to 720,000 TPA [post expansion], Captive power plant from 72.5 MW [existing] to 123.5 MW [post expansion], new Sinter Plant of 720,000 TPA, new Blast Furnace of 450,000 TPA, new oxygen plant [220 TPD] by M/s MSP Steel & Power Ltd.

A. Specific condition

Sl	Condition	Compliance status
i	The PP shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.	<ul style="list-style-type: none"> - Noted. - The unit will follow the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project during establishment.
ii	The project proponent shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.	Implementation of all the recommendations made in the EIA/EMP will be complied during implementation of project.
iii	The project proponent shall utilize modern technologies for capturing of carbon emitted and shall also develop carbon sink/carbon sequestration resources capable of capturing more than emitted. The implementation report shall be submitted to the IRO, MoEF&CC in this regard.	Brief report on GHG emission inventory and Carbon Sequestration Plan proposed in the EIA report based on which preset EC is granted by MoEF&CC is enclosed and marked as Annexure -xv
iv	The nearest human settlement from the project site are Jamgaon - (1.6 km, SSW), Manuapali (0.3 km, West), Saraiptali (0.8 km, NW) and Kolaibahal (0.5 km, SE). Project Proponent shall prepare and implement an action plan for environmental safeguard measures to minimize the impact on the habitation of the locals. The company shall also include some of these locations in its environmental monitoring programme.	<ul style="list-style-type: none"> - AAQMS and CEMS are installed for the monitoring and control of emission level to safe the habitation. - The unit has planned to do the monitoring of ambient air quality at nearest villages also.

v	Kur Nalla (1.2 km, North to South) and Sapnai Nadi (5 km, North-East to South) flows within the study area of 10 km from the project site. A robust and full proof Drainage Conservation scheme to protect the natural drainage and its flow parameters; along with Soil conservation scheme and multiple Erosion control measures shall be implemented.	<ul style="list-style-type: none"> - In the existing established project garlanded drain with settling pond made for the protection of natural drain. - Full proof drainage control system will be made to protect natural drainage in the nearby area during establishment of the project.
vi	The water requirement for the existing project of 5505 KLD, fresh water requirement for the expansion project of 3050 KLD, shall be taken from the anicut on Kurnala after obtaining necessary permission from the Competent Authority	The unit obtained necessary approval of 1.11 MCM for the withdrawal of water from Kurnala wide letter No. ALTTDN 20230002 dated 02.02.2023
vii	As committed, M/s. MSP Steel and Power Limited shall adopt 10 villages namely 1) Jamgaon 2) Manuapali 3) Kolaibahal 4) Jundaih 5) Kukurda 6) Mahapalli 7) Bhuyanpali 8) Behrapali 9) Chhuhipali 10) Koilanga. PP shall formulate robust village Adoption program consisting of need-based community development activities, to develop them into model villages.	<p>The unit did community development program through skill development of women's by providing sewing Machine & training.</p> <p>Running Adult education programs for illiterate peoples.</p> <p>-Conducting periodic health checkup camps and health awareness programs.</p> <p>- Providing teachers in the school for community development to make them model village.</p>
viii	All the observations stated in the certified compliance report of IRO dated 21.09.2022 and 09.11.2022 shall be complied with as committed. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&CC.	<p>ATR Compliance report submitted to IRO MoEF & CC Raipur, after visit of Additional Director MoEF&CC Delhi.</p> <p>Action Closure Letter (ACL) with respect to the project received wide letter dated 01 May 2023</p> <p>Annex-XVI</p>
ix	Tailings from Iron Ore beneficiation plant shall be dewatered in filter press and no slime /tailing pond shall be permitted	<ul style="list-style-type: none"> - Complied. - Filter press is installed with the existing project where water recycled. No tailing waste generated.
x	Performance test shall be conducted on all pollution control systems every year and report shall be	<ul style="list-style-type: none"> - Complied. - Performance tests of all Pollution

	submitted to Integrated Regional Office of the MoEF&CC.	control devices will be conducted during commissioning period and report will be submitted to IRO, MoEF&CC
Xi	Three tier Green Belt shall be developed in a at least 33% of total project area in a time frame of one year with native species all along the periphery of the project site of adequate width and tree density shall not be less than 2500 per ha. Survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years. PP shall develop greenbelt in the form of shelter belt comprising of total of 6 rows of 2x2 m plantation with tall trees & broad leaves with thick canopy along with windshield inside the plant premises to act as green barrier for air pollution & noise levels towards Jamgaon, Manuapali, Saraipali and Kolaibahal villages. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&CC.	<p>Complied.</p> <p>The expansion made for Sponge Iron unit and WHRB is in the existing premises for which 33% greenbelt is already complete.</p> <p>However, for other units, unit shall develop greenbelt when the entire project will be established and commenced during the course of time.</p>
Xii	Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.	<ul style="list-style-type: none"> - Greening and Paving in open areas will be done during establishment of the project. - The unit developed plantation in the maximum open area available in the existing project.
Xiii	Rejects from coal washery shall only be used either in the captive power plant (or) in the Thermal Power Plants meeting emission standards.	<ul style="list-style-type: none"> - Complied. <p>The unit had own CPP, planned to use coal washery reject.</p>
Xiv	<p>Solid waste utilization.</p> <ul style="list-style-type: none"> • PP shall install a slag crusher to convert steel slag into aggregate for use in construction industry, fine sand for use as flux in steel plant, sand in brick making and as lime in cement making. • PP shall recycle/reuse solid waste generated in 	<ul style="list-style-type: none"> • Slag crushed and metal recovered, granulated slag is used in civil work such as plinth filling and road. • Solid waste generated in the existing unit is used in civil work. • Used refectories sold to authorize

	<p>the plant as far as possible.</p> <ul style="list-style-type: none"> Used refractories shall be recycled as far as possible. 	recyclers.
xv	Sinter Plant shall be equipped with Sinter cooler waste recovery system and suitable technology for control of dioxins and furans emissions from the plant.	<p>- Noted.</p> <p>Suitable technology will be selected during installation of sinter plant for the control of Dioxin and furans emissions from the plant.</p>
xvi	Tar shall be recovered from producer gas and shall be sold to registered processors and phenolic water shall be incinerated in ABC of DRI kilns.	<p>- Complied.</p> <p>The unit is disposing Hazardous waste (Used Oil and TAR generated from PGP) by way of selling it to authorized recyclers / re-processors.</p> <p>Phenolic water is incinerated in After Burn Chamber (ABC) of DRI kiln in existing unit.</p> <p>Industry has obtained authorization and its renewal from Board for management and handling of hazardous materials.</p>
Xvii	<p>Following additional arrangements to control fugitive dust shall be provided:</p> <p>a. Fog / Mist Sprinklers at all on bulk raw material storage area (at the transfer points) like Iron Ore, Coal and for Fly Ash and similar solid waste storage areas.</p> <p>b. Proper covered vehicle shall be used while transport of materials.</p> <p>c. Wheel washing mechanism shall be provided in entry and exit gates with complete recirculation system.</p>	<p>(a) Installation of dry fog/water sprinklers in the Raw material handling unit are installed</p> <p>(b) Tarpaulin covered vehicles are used for the transportation of materials.</p> <p>(c) Wheel washing system will be provided during expansion of the project.</p>
xviii	Blast Furnaces shall be equipped with Top Recovery Turbine (capacity more than 450 m ³), dry gas cleaning plant, stove waste heat recovery, cast house and stock house ventilation system and slag granulation facility.	<p>- Noted.</p> <p>The unit will follow the stipulated condition during establishment of the project</p>
xix	Secondary fume extraction system shall be installed on converters of Steel Melting Shop.	<p>- Noted.</p> <p>The unit will follow the stipulated</p>

		condition during establishment of the project
xx	Electric Arc Furnace shall be closed type with 4th hole extraction system.	<ul style="list-style-type: none"> - Noted. The unit will follow the stipulated condition during establishment of the project
xxi	85-90 % of billets shall be rolled directly in hot stage. RHF shall operate using only Light Diesel Oil or Mixed BF/CO gas/Producer gas.	<ul style="list-style-type: none"> - Complied. - The unit is practiced more than 85% of billets rolled directly. - RHF will be installed with provision to use Light Diesel Oil or Mixed BF/CO gas/Producer gas.
xxii	Dust emission from all the stacks shall be less than 30 mg/Nm ³ .	<ul style="list-style-type: none"> - Noted. - The unit noted and committed to install suitable PCE to maintain Emission less than 30 mg/Nm³.
xxiii	Air Cooled condensers shall be used in the captive power plant.	<ul style="list-style-type: none"> - Noted. - The unit will follow the stipulated condition during establishment of the project
xxiv	During operational phase at Captive Power Plant, PP shall measure coal dust exposures and to maintain coal dust exposures within stipulated standards at coal handling areas. PP shall identify extreme hot areas through heat stress survey as well as noise monitoring within process plants to ensure that workers not exposed above 90 dBA levels as per Factories Act, 1948.	<ul style="list-style-type: none"> - Complied. The unit has monitoring facility of Fugitive dust and Noise level in the work zone; effective measures are implemented to control Dust and Noise. - Annex-II & Annex- XII (Fugitive dust & Noise monitoring report)
xxv	Action Plan for firefighting system including provision for flame detectors, temperature actuated heat detectors with alarms, automatic sprinkler system, fixing the location of fire water tanks, separate power system for fire fighting, involvement of qualified and trained fire personnel, nearest fire station & time required to reach the proposed site shall be prepared and implemented.	<ul style="list-style-type: none"> - Noted. - The unit will follow the stipulated condition during establishment of the project

xxvi	Rain water harvesting shall be implemented to recharge/harvest water as per the action plan submitted in the EIA/EMP report.	<ul style="list-style-type: none"> - Rainwater harvesting system already installed in the existing unit. - The unit will follow the stipulated condition during establishment of the project
xxvii	The proposed project shall be designed as "Zero Liquid Discharge" Plant. ETP shall be installed and there shall be no discharge of effluent from the plant. Domestic effluent shall be treated in Sewage Treatment Plant. MSW waste shall be treated in digester and recovered gas shall be used in the canteen.	<ul style="list-style-type: none"> - Complied. <p>The unit had installed 02 Nos of ETP of Capacity 100 KLD where treated water are used for dust conditioning and plantation.</p> <p>01 No's of STP (150 KLD) is also installed, water treated and used for the plantation.</p> <p>Waste composting machine are used for the digestion of Canteen waste.</p>
xxvii i	A proper action plan must be implemented to dispose of the electronic waste generated in the industry.	<ul style="list-style-type: none"> -Complied. - The unit is collected, segregated and Electronic waste sold to authorize recyclers.
xxix	As a drainage Nallah passes through the project area, the PP shall implement the Drainage conservation and Soil Erosion control Plans. Grading within the project site shall be planned and implemented such that there shall be negligible impacts on the existing natural drainage system/pattern. Suitable measures should be taken to prevent the washing away of construction materials into the drainage system.	Complied. <p>Entire plant area is covered with garlanded drains, has pucca platform for storage of raw material and finished products. Stock yards also have garland drains to trap the run off material.</p> <p>Garlanded drain with settling pond will be provided to protect natural drainage system and soil erosion during establishment of the project.</p>
xxx	The PP shall implement the best practices of Housekeeping of the project and adjacent areas.	<ul style="list-style-type: none"> - Complied. - The unit uses road sweeping machine as well as manual sweeping team to maintain good housekeeping. - Road side sprinklers also installed and operated to control ground dust emission.
xxxi	Adequate number of Mobile Fog / Mist Sprinklers shall	<ul style="list-style-type: none"> - Complied.

	<p>be commissioned at conveyors, on bulk raw material storage area/ transfer points like Iron Ore, Coal and for Fly Ash and similar solid waste storage areas. This Fog/Mist sprinkling should also be facilitated to the surrounding villages on a periodic basis.</p>	<ul style="list-style-type: none"> - Truck mounted Mobile water tankers are used to control dust inside and outside plant premises. - Sprinklers are used to control dust during transportation of materials. - Dry fog system is installed in the transfer point of coal and iron ore circuits.
xxxii	<p>All the commitments made to the public during the Public Hearing/Public Consultation shall be satisfactorily implemented. The action plan based on the social impact assessment study of the project as per the EMP in accordance to the Ministry's OM dated 30.09.2020 shall be strictly implemented and progress shall be submitted to the Regional Office of MoEF&CC.</p>	<ul style="list-style-type: none"> - Noted. <p>Following Community development activities are carried out under the advice/ guidance of District administration, Raigarh.</p> <ul style="list-style-type: none"> - Periodical Health care camps in surrounding villages. - Education by providing Teachers to some schools nearby. - Free Ambulance service for villagers. - Drinking water supply during summer. - Village Pond development/ renovation.
xxxii i	<p>The Plastic Waste Management Rules 2016, inter-alia, mandated banning of identified Single Use Plastic (SUP) items with effect from 01/07/2022. In this regard, CPCB has issued a direction to all the State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs) on 30/06/2022 to ensure the compliance of Notification published by Ministry on 12/08/2021. The technical guideline issued by the CPCB in this regard is available at https://cpcb.nic.in/technical-guidelines-3/. All the project proponents are hereby requested to sensitize and create awareness among people working within the Project area as well as its surrounding area on the ban of SUP in order to ensure the compliance of Notification published by this Ministry on 12/08/2021. A report, along with Photographs, on the measures taken shall also be</p>	<ul style="list-style-type: none"> - The unit has done following measures to ban single use plastic. <ol style="list-style-type: none"> a) Distribution of cloth bags to peoples. b) Use of glass instead of plastic packed water bottles. c) Awareness session for the harm of single use plastic.

	included in the six monthly compliance reports being submitted by the project proponents.	
xxxiv	The project proponent shall adopt the Clean Air practices like mechanical collectors, wet scrubbers, fabric filters (bag houses), electrostatic precipitators, combustion systems (thermal oxidizers), condensers, absorbers, absorbers, and biological degradation. Controlling emissions related to transportation shall include emission controls on vehicles as well as use of cleaner fuels. Sufficient numbers of additional truck mounted Fog/Mist water cannons shall be procured and operated regularly inside the project premises and also in the surrounding villages to arrest suspended dust in the atmosphere.	The unit had installed PCE of suitable design capacity for Clean air practice. a) ESP- 10 Nos b) BAGFILTER-13 Nos c) CONDENSERs/Noise absorber d) Water sprinklers- More than 500 Nos. e) Truck mounted water sprinklers are used inside & outside plant premises to arrest suspended dust.
xxxv	The recommendations of the approved Site-Specific Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report to the concerned Regional Office of the MoEF&CC.	The unit obtained approval of Wild life Management Plan wide letter no 149/23.09.2022 and for the implementation of wild life conservation plan RS. 15.31 lakhs deposited to office of DFO Raigarh on Dated 24.03.2023. Six Monthly reports to be submitted.

B. General conditions

I. Statutory compliance:

S1	Condition	Compliance
I	The Environment Clearance (EC) granted to the project/activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.	-Noted and will be follow stipulated condition

II.	Air quality monitoring and preservation	
I	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as 04 Nos. Continuous Ambient Air Quality Station (CAAQMS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	<ul style="list-style-type: none"> - AAQMS and Online stack emission monitoring system in all stacks has been installed and connected with the server of SPCB/ CPCB. <p>URL- www.cecbswanenviron.com.</p> <p>Username- MSPSteel</p> <p>Password- MSPSteel@321</p> <ul style="list-style-type: none"> - The Unit shall install CEMS & CAAQMS during the project time as per requirement.
II	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	<ul style="list-style-type: none"> -The Unit is conducting fugitive emissions monitoring in the plant premises every six month by NABL Laboratory.
III	Sampling facility at process stacks and at quenching towers shall be provided as per CPCB guidelines for manual monitoring of emissions.	<ul style="list-style-type: none"> - The Unit had installed monitoring facility for manual monitoring along with CEMS with stacks of existing units; same will follow in future expansion.
IV	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.	<ul style="list-style-type: none"> -The unit is install dry fog & Bag filter all the dust generating points including fugitive dust from all vulnerable sources of existing units; same will follow in future expansion.
V	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	<ul style="list-style-type: none"> - Noted and will be follow stipulated condition
VI	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.	<ul style="list-style-type: none"> -The Unit is using road sweeping machine for cleaning of roads.
VII	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	<ul style="list-style-type: none"> -The Unit is using iron ore fines generated in the existing DRI in pelletization unit. Coal fines is used in own CPP.

	in the process after briquetting/ agglomeration.	
VIII	The project proponent use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.	-Complied. Leak proof truck and dumpers covered with tarpaulin are used for the transportation of raw material.
IX	Facilities for spillage collection shall be provided for coal and coke on wharf of coke oven batteries (Chain conveyors, land based industrial vacuum cleaning facility).	- Noted.
X	Land-based APC system shall be installed to control coke pushing emissions.	- Noted.
XI	Monitor CO, HC and O ₂ in flue gases of the coke oven battery to detect combustion efficiency and cross leakages in the combustion chamber.	- Noted.
XII	Vapor absorption system shall be provided in place of vapour compression system for cooling of coke oven gas in case of recovery type coke ovens.	- Noted.
XIII	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.	- Noted and will be follow stipulated condition
XIV	Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.	- The unit will follow the stipulated condition during establishment of the project
III	Water quality monitoring and preservation	
I	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31 st March 2012 (Integrated iron & Steel); G.S.R 414 (E) dated 30 th May 2008 (Sponge Iron) 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.	The unit had installed 02 Nos of ETP of Capacity 100 KLD where treated water is used for dust conditioning and plantation. Third party monitoring also conducted by NABL accredited laboratory every month.
II	The project proponent shall monitor regularly ground water quality at least twice a year (pre- and post-	-The unit conducted six monthly water quality checks through NABL accredited

	monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.	laboratories. -The Unit has installed piezometer for regular monitoring of ground water level
III	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.	-The Unit has installed STP Capacity of 150 KLD for meet the Prescribed standards.
IV	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.	The unit will follow the stipulated condition during establishment of the project
V	Tyre washing facilities shall be provided at the entrance of the plant gates.	The unit will follow the stipulated condition during establishment of the project
VI	Water meters shall be provided at the inlet to all unit processes in the steel plants	The Unit had installed water meter in every units in the existing project. Same will follow in the new expansion.
IV	Noise monitoring and prevention	
I	Noise pollution shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	The noise monitoring is conducted and maintained within prescribed norms. ANNEX- XII NOISE MONITORING REPORT
V	Energy Conservation measures	
I	Use torpedo ladle for hot metal transfer as far as possible. If ladles not used, provide covers for open top ladles	The unit will follow the stipulated condition during establishment of the project
II	Restrict Gas flaring to < 1%.	The unit will follow the stipulated condition during establishment of the project
III	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	The unit will follow the stipulated condition during establishment of the project
IV	Provide LED lights in their offices and residential areas	- Complied. - The Unit has installed LED lights in

		their offices and residential areas
V	Ensure installation of regenerative/recuperative type burners on all reheating furnaces.	The unit will follow the stipulated condition during establishment of the project
VI	Waste management	
I	Oil Collection pits shall be provided in oil cellars to collect and reuse/recycle spilled oil. Oil collection trays shall be provided under coils on saddles in cold rolled coil storage area.	The unit will follow the stipulated condition during establishment of the project
II	Kitchen waste shall be composted or converted to biogas for further use.	Waste composting machine are used for the digestion of Canteen waste.
VII	Green Belt	
I	Green belt shall be developed in an area equal to 33% of the plant area with native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant	The expansion made for Sponge Iron unit and WHRB is in the existing premises for which 33% greenbelt is already complete. However, for other units, unit shall develop greenbelt when the entire project will be established and commenced during the course of time.
II	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the program for reduction of the same including carbon sequestration by trees in the plant premises.	The unit will follow the stipulated condition during establishment of the project
III	Project proponent shall submit a study report on Decarbonisation program, which would essentially consist of company's carbon emissions, carbon budgeting/ balancing, carbon sequestration activities and carbon offsetting strategies. Further, the report shall also contain time bound action plan to reduce its carbon intensity of its operations and supply chains, energy transition pathway from fossil fuels to Renewable energy etc. All these activities/ assessments should be measurable and monitorable with defined time frames.	The unit will follow the stipulated condition during establishment of the project

VIII Public hearing and Human health issues		
I	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented	The unit has already prepared and implemented HIRA & Disaster management Plan.
II	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms.	The unit will follow the stipulated condition during establishment of the project
III	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.	The unit has conducted annual medical checkup for employees and record maintained.
IX Environment Management		
I	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 30/09/2020.	- Noted and will follow
II	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms /conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	- The unit had well laid down Environment policy and implemented for the protection of living and non-living and all stake holders.
III	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization	-The Unit has already set-up Environment Cell under control of senior executive.
X. Miscellaneous		
I	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven	The unit obtained EC clearance on dated 16.03.2023; same is published in local news paper on 23.03.2023.

	days and in addition this shall also be displayed in the project proponent's website permanently.	
II	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.	The unit has already submitted environmental clearance to concern department.
III	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	The Unit has upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on website and it updated half-yearly basis for existing project; same will follow in the future.
IV	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	The unit complied the condition for the existing unit and data are displayed at main gate for the disclosure to the public and same will follow for new expansion of project.
V	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environmentl Forest and Climate Change at environment clearance portal	The Unit has upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on website and it updated half-yearly basis for existing project; same will follow in the future.
VI	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	-The Unit is submitted Environmental statement in every finical year before stipulated time. Annex- XVII(Letter submitted to CECB)
VII	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned	The unit will follow the stipulated condition during establishment of the project

	authorities, commencing the land development work and start of production operation by the project.	
VIII	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Noted
IX	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	Noted and will be adhere
X	The PP shall put all the environment related expenditure, expenditure related to Action Plan on the PH issues, and other commitments made in the EIA/EMP Report etc. in the company web site for the information to public/public domain. The PP shall also put the information on the left over funds allocated to EMP and PH as committed in the earlier ECs and shall be carried out and spent in next three years, in the company web site for the information to public/public domain.	The unit will follow the stipulated condition during establishment of the project
I	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	Noted

ANNEX -II

FUGITIVE AIR MONITORING REPORT

SI	Division	Location	Results in $\mu\text{g}/\text{m}^3$					
			OCT - 24	NOV - 24	DEC-24	JAN-25	FEB-25	MAR.-25
01	SMS	Near Ground hopper.	1577	1609	1533	1690	1425	1469
		Near office	1215	1334	1156	1535	1524	1537
		Near Furnace no.3	1647	1684	1689	1705	1725	1689
		Near Slag Crusher	1744	1786	1851	1834	1845	1795
02	Rolling Mill	Near Work Shop-RMD	1162	1348	1076	1719	1812	1789
		Material Loading yard-RMD	1825	1140	1012	1403	1620	1841
		Near Pusher-RMD	1624	1436	1525	1175	1532	1523
		Near QC lab	1150	1218	1025	1748	1775	1631
		Material Loading yard -RMS	1023	952	1006	991	874	966
		LSM MCC Room	973	943	937	1053	1136	979
03	SID	Material Loading yard -LSM	1215	1201	1340	1344	1252	1286
		Between Kiln 1 & 2	1691	1886	1765	1883	1815	1824
		Kiln 3 & 4 Separation House	1351	1541	1337	1796	1487	1548
		RMP-Old Circuit	1822	1467	1534	1817	1746	1646
		RMP-New Circuit	1803	1832	1784	1639	1761	1895
04	CPP - 1	Kiln 1 & 2 Product House	1883	1592	1687	1752	1841	1894
		CHP area	1762	1906	1867	1533	1649	1519
		WHRB area	1846	1805	1769	1533	1870	1861
05	PELLET PLANT	Silo Area	1832	1737	1886	1553	1752	1890
		Near Benification	1343	1267	1761	1548	1474	1739
		Near PCI	1748	1421	1522	1381	1761	1898
		Near P1 Cooler	1767	1808	Shut Down	1740	1571	1517
		Near P2 Cooler	1957	1836	1723	1729	1692	1740
06	CPP - 2	Near MTM	1856	1889	1805	1753	1705	1789
		Near CHP Ground Hopper	1554	1428	1288	1274	1567	1556
		Near Boiler	1134	1276	1819	1017	1672	1845
07	COAL WASHERY	Silo Area	1597	1837	1685	1867	1890	1862
		Near Screen House	1431	1668	1737	1618	1810	1783
		Near Ground Hopper	1450	1772	1628	1539	1623	1760

Remarks:- SPM Limit is 2000 ($\mu\text{g}/\text{m}^3$) As per CPCB Standards,

Third party fugitive monitoring report

Format No. : UESPL/FORM/09



Ultimate
 ENVIROLYTICAL SOLUTIONS PVT. LTD.

HDD-272, Phase III - Near JP Chowk
 Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099
 Ph : 0771 - 4027777
 Email : uespllab@gmail.com, ultimatenviro@gmail.com

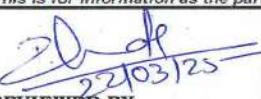
Name & Address Of The Customer		REPORT NO	UESPL/TR/24-25/05935
To, MSP STEEL & POWER LIMITED VILLAGE – JAMGAON, POST – JAMGAON, DIST-RAIGARH, 496001 (CHHATTISGARH)		LAB REF NO	UESPL/24-25/AAQM/11450
		DATE OF SAMPLING	17/03/2025
		DATE OF RECEIPT	18/03/2025
		DATE OF REPORT	22/03/2025
		DATE OF ANALYSIS	START: 18/03/2025 END: 22/03/2025
SAMPLE DETAILS			
Monitoring For	Fugitive Emission		
Sampling Location	Mentioned Below		
Customer Ref. No. & Date	Verbal Communication, Dated: 17.03.2025		
Duration Of Sampling	8 Hours		
Sample Collected by	Laboratory Chemist		
Sampling Procedure	As Per Method Reference		
Sample Quantity/Packing	GMF Filter Paper (8 X 10 Inch): 1x1 No.		

TEST REPORT				
Locations	Unit	Suspended Particulate Matter (SPM)	Limit as per MOEF&CC Notification	Method Reference
KILN NO. 4	µg/m³	1280		
WHRB # 04	µg/m³	1656		
CPP-1 BOILER	µg/m³	886		
CPP-1 CHP	µg/m³	1244		
CPP-2 CHP	µg/m³	1128		
CPP-2 BOILER AREA	µg/m³	790		
SMS QC LAB	µg/m³	746		
SMS FURNACE - 3	µg/m³	1280		
PELLET PCI	µg/m³	980		
OLD BENEFICATION	µg/m³	930		
			2000	EPA Method IO-2.1

REMARKS: N.D. - NOT DETECTED

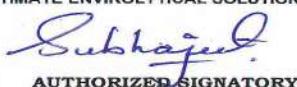
Terms & conditions

- The report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 15days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(s) only.


 REVIEWED BY
 22/03/25



For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD


 AUTHORIZED SIGNATORY

 End of the test report-----

Water Analysis Report

Annex -III



Office Address: Gate No.1414, Near Ranjangaon Bus Stc
Ranjangaon,Tal. Shirur, Dist. Pune - 412209.
eurofinelab@gmail.com 9922474646 / 9637345858

TEST REPORT							
Report No:	FEEL/PRO/2024/07/1124	Issue Date	26.10.2024				
Name and Address of Customer		M/s MSP STEEL & POWER LIMITED, Village - Jamgaon Post. -Jamgaon, District- Raigarh, Chhattisgarh - 496001					
Sample Name	Effluent Water	Customer Ref. No.	RD245-00006				
Date of Sampling	21.10.2024	Start Date of Analysis	23.10.2024				
Sample Description	STP Outlet, CPP-1 & CPP-2	End Date of Analysis	25.10.2024				
Sampling done by	Our representative	Sample Quantity	1 L				
Test Report							
Sr. No.	Parameters	Test of Method	Unit(s)	Limits	Results		
					STP Outlet	CPP-1	CPP-2
1	pH value at 25 °C	IS 3025 (Part -11)	--	5.5 to 9.0	7.12	7.35	7.46
2	Total Suspended Solids TSS	IS 3025 (Part - 17)	mg/L	100	54	56	40
3	Total Dissolved Solids TDS	IS 3025 (Part - 16)	mg/L	2100	523	501	468
4	Chemical Oxygen Demand COD	IS 3025 (Part 58)	mg/L	250	51	56	48
5	Biochemical Oxygen Demand BOD at 27°C for 3 days	IS 3025 (Part 44)	mg/L	30	16	17	14
6	Oil & Grease	IS 3025 (Part - 39)	mg/L	10	N.D.	N.D.	N.D.
7	Total Coliform	APHA 24 th Ed. 9221 B&C	MPN/100 ml	-	<1.8	<1.8	<1.8

Note: mg/L: milligram per liter.

Terms & Conditions:

- The report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 10 days after issue the test report unless otherwise agreed with customer.
- The above test report is as per customer requirement.



Authorized Signatory
Mr. Mahesh Shelar
(Managing Director)

Page 01 of 01



Office Address: Gate No.1414, Near Ranjangaon Bus Stc
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eurofinelab@gmail.com 9922474646 / 9637345858

TEST REPORT				
Report No:	FEEL/PRO/2024/07/1180	Issue Date	28.11.2024	
Name and Address of Customer		M/s MSP STEEL & POWER LIMITED, Village - Jamgaon Post. -Jamgaon, District- Raigarh, Chhattisgarh - 496001		
Sample Name	Effluent Water	Customer Ref. No.	RD245-00006	
Date of Sampling	23.11.2024	Start Date of Analysis	25.11.2024	
Sample Description	STP Outlet, CPP-1 & CPP-2	End Date of Analysis	27.11.2024	
Sampling done by	Our representative	Sample Quantity	1 L	

Test Report							
Sr. No.	Parameters	Test of Method	Unit(s)	Limits	Results		
					STP Outlet	CPP-1	CPP-2
1	pH value at 25 °C	IS 3025 (Part -11)	--	5.5 to 9.0	7.22	7.39	7.40
2	Total Suspended Solids TSS	IS 3025 (Part - 17)	mg/L	100	51	58	48
3	Total Dissolved Solids TDS	IS 3025 (Part - 16)	mg/L	2100	508	535	488
4	Chemical Oxygen Demand COD	IS 3025 (Part 58)	mg/L	250	51	56	48
5	Biochemical Oxygen Demand BOD at 27°C for 3 days	IS 3025 (Part 44)	mg/L	30	15	15	12
6	Oil & Grease	IS 3025 (Part - 39)	mg/L	10	N.D.	N.D.	N.D.
7	Total Coliform	APHA 24 th Ed. 9221 B&C	MPN/100 ml	-	<1.8	<1.8	<1.8

Note: mg/L: milligram per liter.

Terms & Conditions:

- The report for publication, arbitration or as legal dispute is forbidden.
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- The above test report is as per customer requirement.



Authorized Signatory
Mr. Mahesh Shelar
(Managing Director)

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 eurofinelab@gmail.com • 9922474646 / 9637345858

TEST REPORT						
Report No:	FEEL/PRO/2024/07/1190	Issue Date	30.12.2024			
Name and Address of Customer	M/s MSP STEEL & POWER LIMITED, Village - Jamgaon, Post. - Jamgaon, District- Raigarh, Chhattisgarh - 496001					
Sample Name	Effluent Water	Customer Ref. No.	RD245-00006			
Date of Sampling	23.12.2024	Start Date of Analysis	26.12.2024			
Sample Description	STP Outlet, CPP-1 & CPP-2	End Date of Analysis	28.12.2024			
Sampling done by	Our representative	Sample Quantity	1 L			

Test Report

Sr. No.	Parameters	Test of Method	Unit(s)	Limits	Results		
					STP Outlet	CPP-1	CPP-2
1	pH value at 25 °C	IS 3025 (Part -11)	—	5.5 to 9.0	7.19	7.55	7.31
2	Total Suspended Solids TSS	IS 3025 (Part - 17)	mg/L	100	62	50	54
3	Total Dissolved Solids TDS	IS 3025 (Part - 16)	mg/L	2100	554	532	521
4	Chemical Oxygen Demand COD	IS 3025 (Part 58)	mg/L	250	68	59	52
5	Biochemical Oxygen Demand BOD at 27°C for 3 days	IS 3025 (Part 44)	mg/L	30	14	12	10
6	Oil & Grease	IS 3025 (Part - 39)	mg/L	10	N.D.	N.D.	N.D.
7	Total Coliform	APHA 24 th Ed. 9221 B&C	MPN/100 ml	-	<1.8	<1.8	<1.8

Note: mg/L: milligram per liter.

Terms & Conditions:

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 eurofinelab@gmail.com • 9922474646 / 9637345858

TEST REPORT						
Report No:	FEEL/PRO/2025/07/00115	Issue Date	22.01.2025			
Name and Address of Customer	M/s MSP STEEL & POWER LIMITED, Village - Jamgaon, Post. - Jamgaon, District- Raigarh, Chhattisgarh - 496001					
Sample Name	Effluent Water	Customer Ref. No.	RD245-00006			
Date of Sampling	14.01.2025	Start Date of Analysis	20.01.2025			
Sample Description	STP Outlet, CPP-1 & CPP-2	End Date of Analysis	22.01.2025			
Sampling done by	Our representative	Sample Quantity	1 L			

Test Report						
Sr. No.	Parameters	Test of Method	Unit(s)	Limits	Results	
					STP Outlet	CPP-1
1	pH value at 25 °C	IS 3025 (Part -11)	—	5.5 to 9.0	7.85	7.45
2	Total Suspended Solids TSS	IS 3025 (Part - 17)	mg/L	100	60	55
3	Total Dissolved Solids TDS	IS 3025 (Part - 16)	mg/L	2100	522	512
4	Chemical Oxygen Demand COD	IS 3025 (Part 58)	mg/L	250	55	57
5	Biochemical Oxygen Demand BOD at 27°C for 3 days	IS 3025 (Part 44)	mg/L	30	15	15
6	Oil & Grease	IS 3025 (Part - 39)	mg/L	10	N.D.	N.D.
7	Total Coliform	APHA 24 th Ed. 9221 B&C	MPN/100 ml	-	<1.8	<1.8

Note: mg/L: milligram per liter.

Terms & Conditions:

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eurofinelab@gmail.com 9922474646 / 9637345858

TEST REPORT						
Report No:	FEEL/PRO/2025/07/001447	Issue Date	23.02.2025			
Name and Address of Customer		M/s MSP STEEL &POWER LIMITED, Village - Jamgaon Post. -Jamgaon, District- Raigarh, Chhattisgarh - 496001				
Sample Name	Effluent Water	Customer Ref. No.	RD245-00006			
Date of Sampling	15.02.2025	Start Date of Analysis	18.02.2025			
Sample Description	STP Outlet, CPP-1 &CPP-2	End Date of Analysis	21.02.2025			
Sampling done by	Our representative	Sample Quantity	1 L			

Test Report

Sr. No.	Parameters	Test of Method	Unit(s)	Limits	Results		
					STP Outlet	CPP-1	CPP-2
1	pH value at 25 °C	IS 3025 (Part -11)	--	5.5 to 9.0	7.74	7.56	7.75
2	Total Suspended Solids TSS	IS 3025 (Part - 17)	mg/L	100	65	71	68
3	Total Dissolved Solids TDS	IS 3025 (Part - 16)	mg/L	2100	550	584	545
4	Chemical Oxygen Demand COD	IS 3025 (Part 58)	mg/L	250	65	45	40
5	Biochemical Oxygen Demand BOD at 27°C for 3 days	IS 3025 (Part 44)	mg/L	30	16	11	10
6	Oil & Grease	IS 3025 (Part - 39)	mg/L	10	N.D.	N.D.	N.D.
7	Total Coliform	APHA 24 th Ed. 9221 B&C	MPN/100 ml	-	<1.8	<1.8	<1.8

Note: mg/L: milligram per liter.

Terms & Conditions:

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Authorized Signatory
Mr. Mahesh Shelar
(Managing Director)

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Water Draw Approval

Annex-IV

छत्तीसगढ़ शासन
जल संसाधन विभाग
मंत्रालय
कोटिपुर कॉम्प्लेक्स, महानदी भवन,
नया रायपुर (छ.ग.)

क्रमांक / 273 / जसं / तशा / औजप्र / 05 / डी-4, नया रायपुर दिनांक / 04 / 2013
प्रति,

मुख्य अधिकारी,
हसदेव काठी,
जल संसाधन विभाग,
बिलासपुर (छ.ग.)

विषय:- मेसर्स एम.एस.पी. स्टील एण्ड पॉवर लि., कोलकाता द्वारा, जिला एवं ब्लॉक-रायगढ़ द्वारा, ग्राम-जामगाँव के निकट स्थापित एवं विस्तार हेतु प्रस्तावित इंटीग्रेटेड स्टील एवं 96 मेगावाट केटिव पॉवर प्लाट हेतु कुर नाला से स्वीकृति 15.00 मि.घ.मी. वार्षिक जल आवंटन को कम कर 2.00 मि.घ.मी. वार्षिक करने बाबत स्वीकृति।

संदर्भ:- 1. शासन का पत्र क्रमांक-6727-6728 / 273 / जसं / तशा / औजप्र / 05 / डी-4, दिनांक 11.11.2009.
2. प्र.अ.का पत्र क्रमांक-3451411 / औजप्र / छ.ग. / 2012 / 15209-15210, दिनांक 25.10.2012.
3. शासन का पत्र क्रमांक-2704-2705 / 7 / जसं / तशा / औजप्र / 01 / डी-4, दिनांक 07.03.2013.

विषयांतर्गत प्रकरण में राज्य जल संसाधन उपयोग समिति की 32वीं बैठक दिनांक 08.11.2012 में लिए गए निर्णयानुसार, मेसर्स एम.एस.पी. स्टील एण्ड पॉवर लि., कोलकाता (संस्थान) द्वारा जिला एवं ब्लॉक-रायगढ़, ग्राम-जामगाँव के निकट स्थापित एवं विस्तार हेतु प्रस्तावित इंटीग्रेटेड स्टील एवं 96 मेगावाट केटिव पॉवर प्लाट हेतु कुर नाला में विभाग द्वारा निर्मित बहेरापाली एनीकट से आवंटित 15.00 मि.घ.मी. वार्षिक जल की मात्रा को कम कर 2.00 मि.घ.मी. वार्षिक करने की स्वीकृति प्रदान की जाती है।

संस्थान को आवंटित पुनरीक्षित 2.00 मि.घ.मी. वार्षिक जल के उपयोग के एवज में, शासन द्वारा समय-समय पर शासकीय स्त्रोत से जल प्रदाय हेतु निर्धारित जलदर पर देय योग्य जलकर का नियमानुसार भूगतान करने की संस्थान को बाध्यता होगी। प्रकरण में जल प्रदाय की शेष शर्तें शासन के मूल स्वीकृति पत्र क्रमांक-6727-6728 / 273 / जसं / तशा / औजप्र / 05 / डी-4, दिनांक 11.11.2009 के अनुसार यथावत रहेगी।

सहपत्र:- शून्य।

संघी
(याकुब खेसा)
उप सचिव
जल संसाधन विभाग,
मंत्रालय, रायपुर

पु.क्र. 3330 / 273 / जसं / तशा / औजप्र / 05 / डी-4, नया रायपुर दिनांक / 04 / 2013
प्रतिलिपि:-

1. प्रमुख अधिकारी, जल संसाधन विभाग, रायपुर को संदर्भित पत्रों के परिप्रेक्ष्य में सूचनार्थ एवं आवश्यक कार्यवाही हेतु अंगेष्ठित।
2. अधीक्षण अधिकारी, जल संसाधन मण्डल, रायगढ़, एवं
3. कार्यपालन अधिकारी, जल संसाधन संभाग, रायगढ़(छ.ग.)
को संदर्भित पत्र क्र-1 के परिप्रेक्ष्य में सूचनार्थ एवं शीघ्र आवश्यक कार्यवाही हेतु अंगेष्ठित।
4. संयुक्त संचालक, राज्य निवेश प्रोत्साहन बोर्ड, रेणुका द्वारा, शास्त्री चौक, रायपुर को संदर्भित पत्र क्र-1 के परिप्रेक्ष्य में सूचनार्थ अंगेष्ठित।
5. महाप्रबंधक, एम.एस.पी. स्टील एण्ड पॉवर लि., ग्राम तथा पोस्ट-जामगाँव, जिला-रायगढ़ (छ.ग.)-496001 को उनके पत्र दिनांक 10.08.2012 के संदर्भ में सूचनार्थ एवं शीघ्र आवश्यक कार्यवाही हेतु अंगेष्ठित।

सहपत्र:- शून्य।

उप सचिव
जल संसाधन विभाग
मंत्रालय, रायपुर

Water audit Certificate

Annex-V



AADITYA ENVIRONET

GST No. 22ADRPV5424H1Z9

Date: 17.07.2023

CERTIFICATE

We certify the following

- The report is based on the data collected during Audit and information provided by the MSP Steel and Power Limited, Village Jamgaon, Raigarh, Chhattisgarh.
- The data collection has been carried out diligently and truthfully.
- All data measuring devices used by the team are in good working condition, have been calibrated and have valid certificate from the authorized approved agencies and tampering of such devices has not occurred.
- All reasonable professional skill, care and diligence have been taken in preparing the water audit report and the contents thereof are a true representation of the facts and figures.
- Average Specific Water Consumption in terms of Freshwater used during the production of Steel and Captive thermal power plant during FY 2022-23 (for 12 months averaged) Steel production is $1.846 \text{ m}^3 / \text{MT}$ (Limit is $16 \text{ m}^3 / \text{MT}$) and SWC of thermal power plant is $2.867 \text{ m}^3 / \text{MW}$ (Limit is $3.5 \text{ m}^3 / \text{MW}$) because the existing thermal power plant installed before the year of 2017.

Dr Yogendra Kumar

Certified Water Auditor from Central Ground Water Board (CGWB)

(Director Aaditya Environet)

Corporate Office:
685/69, Vikas Vihar, Raipura, Raipur (CG), INDIA
Tel: 6261495340 mail:aadityaenvironet98@gmail.com
Site Office: KBT-108, Ekta Chowk, Kabir Nagar Raipur (CG)

Ground Water Analysis Report

Annex –VI

Ground water analysis report for the month of Apr-24 & Sept.-24								
SL.NO	PARAMETERS	UNIT	As per IS 10500:2012		December -24		March-25	
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source	Jamga	Manuwapali	Jamga	Manuwapali
1	Appearance	--	Clear	Clear	Clear	Clear	Clear	Clear
2	Odour	-	Agreeable	Agreeable	odorless	odorless	odorless	odorless
3	pH	-	6.5 – 8.5	No Relaxtion	6.7	6.6	6.7	6.6
4	TSS	--	**		1	1	2	1
5	TDS	mg/l	500	2000	118	224	122	242
6	Turbidity	mg/l	1	5	0.8	0.6	0.7	0.5
7	conductivity	NTU	*	*	179	340	185	368
8	T. Alkalinity	µs/cm	200	600	34	30	32	38
9	T. Hardness	ppm	200	600	30	32	30	34
10	Calcium	ppm	75	200	20	21	20	22
11	Magnesium	ppm	30	100	10	11	10	12
12	Chloride	ppm	250	1000	16.0	18	16.0	18
13	Silica	ppm	*	*	12	14	12	16
14	Iron	ppm	0.3	No Relaxtion	0.102	0.216	0.108	0.210

Solid Waste Analysis Report Annex – VII

Format No. : UESPL/FORM/09



HDD-272, Phase III - Near JP Chowk
Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4027777
Email : uespllab@gmail.com, ultimatenviro@gmail.com

Name & Address Of The Customer		REPORT NO	UESPL/TR/24-25/05937
To, MSP STEEL & POWER LIMITED VILLAGE – JAMGAON, POST - JAMGAON, DIST-RAIGARH, 496001 (CHHATTISGARH)		LAB REF NO	UESPL/24-25/AAQM/11452-11453
		DATE OF SAMPLING	17/03/2025
		DATE OF RECEIPT	18/03/2025
		DATE OF REPORT	22/03/2025
		DATE OF ANALYSIS	START: 18/03/2025 END: 22/03/2025
SAMPLE DETAILS			
Customer Sample Id / Sampling Location	1. CPP FLY ASH 2. CPP BOTTUM ASH	Sample Condition At Receipt	Ok
Sample Type	Miscellaneous	Quantity Received	1 kg
Sample Collected By	Lab. Chemist		

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	LIMIT	RESULT	
					CPP Fly Ash	CPP BOTTUM ASH
1	Arsenic as As	mg/kg	USEPA METHOD-1311	5.0	N.D.	N.D.
2	Cadmium as Cd	mg/kg	USEPA METHOD-1311	1.0	0.15	0.19
3	Lead as Pb	mg/kg	USEPA METHOD-1311	5.0	N.D.	N.D.
4	Cobalt as Co	mg/kg	USEPA METHOD-1311	80.0	N.D.	N.D.
5	Mercury as Hg	mg/kg	USEPA METHOD-1311	0.2	N.D.	N.D.
6	Nickel as Ni	mg/kg	USEPA METHOD-1311	20.0	N.D.	N.D.
7	Chromium as Cr	mg/kg	USEPA METHOD-1311	5.0	2.6	2.4
8	Zinc as Zn	mg/kg	USEPA METHOD-1311	250.0	0.35	160
9	Copper as Cu	mg/kg	USEPA METHOD-1311	25.0	18.2	20.1

Note: N.D. – Not Detected

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

- The report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(s) only.

REVIEWED BY



For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD

AUTHORIZED SIGNATORY

-End of the test report-

Format No. : UESPL/FORM/09



HDD-272, Phase III - Near JP Chowk
Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4027777
Email : uespllab@gmail.com, ultimatenviro@gmail.com

Name & Address Of The Customer		REPORT NO	UESPL/TR/24-25/05938
To, MSP STEEL & POWER LIMITED VILLAGE – JAMGAON, POST - JAMGAON, DIST-RAIGARH, 496001 (CHHATTISGARH)		LAB REF NO	UESPL/24-25/AAQM/11454-11455
		DATE OF SAMPLING	17/03/2025
		DATE OF RECEIPT	18/03/2025
		DATE OF REPORT	22/03/2025
		DATE OF ANALYSIS	START: 18/03/2025 END: 22/03/2025
SAMPLE DETAILS			
Customer Sample Id / Sampling Location	1. SMS SLAG 2. SMS BAG FILTER DUST	Sample Condition At Receipt	Ok
Sample Type	Miscellaneous	Quantity Received	1 kg
Sample Collected By	Lab. Chemist		

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	LIMIT	RESULT	
					SMS SLAG	SMS BAG FILTER DUST
1	Arsenic as As	mg/kg	USEPA METHOD-1311	5.0	N.D.	N.D.
2	Cadmium as Cd	mg/kg	USEPA METHOD-1311	1.0	N.D.	N.D.
3	Lead as Pb	mg/kg	USEPA METHOD-1311	5.0	N.D.	N.D.
4	Cobalt as Co	mg/kg	USEPA METHOD-1311	80.0	N.D.	N.D.
5	Mercury as Hg	mg/kg	USEPA METHOD-1311	0.2	N.D.	N.D.
6	Nickel as Ni	mg/kg	USEPA METHOD-1311	20.0	N.D.	N.D.
7	Chromium as Cr	mg/kg	USEPA METHOD-1311	5.0	0.8	2.5
8	Zinc as Zn	mg/kg	USEPA METHOD-1311	250.0	0.74	86.8
9	Copper as Cu	mg/kg	USEPA METHOD-1311	25.0	8.6	3.7

Note: N.D. – Not Detected

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

- The report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(s) only.



For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD

AUTHORIZED SIGNATORY

-End of the test report-

Used Oil Analysis Report

Annex -VIII

Format No. : UESPL/FORM/09



Ultimate
 ENVIROLYTICAL SOLUTIONS PVT. LTD.

HDD-272, Phase III - Near JP Chowk
 Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099
 Ph : 0771 - 4027777
 Email : uespllab@gmail.com, ultimatenviro@gmail.com

Name & Address Of The Customer To, MSP STEEL & POWER LIMITED VILLAGE - JAMGAON, POST - JAMGAON, DIST-RAIGARH, 496001 (CHHATTISGARH)		Report No.	UESPL/TR/24-25/05944
		Lab Ref No.	UESPL/24-25/MISC/011462
		Date of Sampling	17/03/2025
		Date of Receipt	18/03/2025
		Date of Report	22/03/2025
		Date of Analysis	Start: 18/03/2025 End: 22/03/2025
SAMPLE DETAILS			
Customer Ref. No. & Date	As Per Verbal Communication, Dated: 17.03.2025		
Customer Sample Id / Sampling Location	Main Store		
Sample Type	Used Oil		
Sample Collected By	Laboratory Chemist		
Packing of Sample	Plastic Bottle (Sealed)		
Quantity Received	Approx. 250 ml		

TEST REPORT

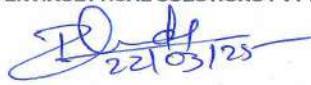
SR. NO.	PARAMETER	UNIT	METHOD OF TEST	LIMIT	RESULT
1	Iron as Fe	mg/kg	USEPA METHOD-1311	--	N.D.
2	Manganese as Mn	mg/kg	USEPA METHOD-1311	10.0	5.6
3	Zinc as Zn	mg/kg	USEPA METHOD-1311	250.0	15.4
4	Lead as Pb	mg/kg	USEPA METHOD-1311	5.0	3.42
5	Cadmium as Cd	mg/kg	USEPA METHOD-1311	1.0	0.32
6	Copper as Cu	mg/kg	USEPA METHOD-1311	25.0	0.69
7	Tin as Sn	mg/kg	USEPA METHOD-1311	--	N.D.
8	Chromium as Cr	mg/kg	USEPA METHOD-1311	5.0	3.12
9	Arsenic as As	mg/kg	USEPA METHOD-1311	5.0	N.D.
10	Mercury as Hg	mg/kg	USEPA METHOD-1311	0.2	N.D.
11	Barium as Ba	mg/kg	USEPA METHOD-1311	100	N.D.
12	Aluminium as Al	mg/kg	USEPA METHOD-1311	--	N.D.

Note: mg/lit.: milligram per liter, N.D.: Not Detected.

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

- The report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(s) only.

 REVIEWED BY		<i>For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD</i>  AUTHORIZED SIGNATORY
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-----End of the test report-----

Action plan for Fly ash management Annex -IX

 **MSP STEEL & POWER LIMITED**
(An ISO 9001 : 2008, 14001 : 2004 OHSAS 18001 : 2007 Certified Company)
Corporate Office : 16/S, Block - A, New Alipore, Kolkata - 700 053, Ph.: +91-33-4005 7777, 4014 5678
Fax : +91-33-4005 7799, 2398 2239, E-mail : contactus@mspsteel.com, Web : www.mspsteel.com

29th July 2020

To,

The Member Secretary
Chhattisgarh Environment Conservation Board,
Raipur (C.G.)

Sub. Submission of Amended Action plan in connection with Notice no. 153 dated 03.06.2020 issued by RO, CECB, Raigarh.
Ref. Our reply submitted on 26.06.2020 and 27.07.2020.

Dear Sir,

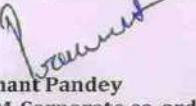
With reference to notice no 153 dated 03.06.2020 and further visit to our plant by Regional Officer, Raigarh on 23.07.2020, we are submitting herewith Amended Action Plan (Short term & Long term) of Flyash utilization as directed by him. We hereby also intimate you that at Balbhadrapur site, leveling is being done and a water tanker has been engaged fulltime for sprinkling water regularly.

The utilization of flyash **83400 Ton per year other than Brick Plants (Own & Others)**, shall be made in abandoned mines, civil work and road construction as mentioned in long term action plan and **15930 Ton per month in Civil work and Road construction as per short term action plan of MSP Steel & Power Ltd.**

The utilization of flyash **16200 Ton per year other than Brick Plants (Own & Others)**, shall be made in abandoned mines, civil work and road construction as mentioned in long term action plan and **1350 Ton per month in Civil work and Road construction as mentioned in short term action plan of MSP Sponge Iron Ltd.**

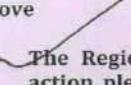
As such, we would request your good office to withdraw the direction of closure and revoke the notice in the interest of justice.

Thanking You
Yours Faithfully
For MSP Steel & Power Ltd.


Prashant Pandey
Sr. GM-Corporate co-ordination



Encl. -As above

Copy to -  The Regional Officer, CECB, Raigarh for kind information and necessary action please.

Regd. Office :
1, Crooked Lane, Kolkata- 700 069, Ph.: +91-33-2248 3795, Fax : +91-33-2248 1720
Works :
Village & P.O.: Jamgaon, Dist. : Raigarh, Pin - 496 001, Chhattisgarh
Ph.: 07762-264449 / 51 / 52 / 53, Fax : 07762-264450

MSP Gold
THERMEX TMT BARS
STRUCTURAL STEEL

IS : 1786
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BUILDING THE NATION

MSP STEEL & POWER LIMITED JAMGAON, RAIGARH
ACTION PLAN FOR FLYASH UTILISATION FOR THE YEAR 2021-22 TO 2024-25

Sr. No.	Year	Ash Generation (Approx in MT)					Categorywise Utilisation (Approx in MT)		
		4.5 MW CPP	10 MW CPP	34 MW CPP	Total	Bricks	Abandoned Mines, Civil Work and Road Construction	Total Utilisation	Percent Utilisation
						Own Other brick Manufacturers			
1	2	3	4	5	6	7	8	9	10
1	2021-22	20000	75000	190000	285000	43200	158400	83400	285000
2	2022-23	20000	75000	190000	285000	43200	158400	83400	285000
3	2023-24	20000	75000	190000	285000	43200	158400	83400	285000
4	2024-25	20000	75000	190000	285000	43200	158400	83400	285000
	TOTAL	80000	300000	760000	11240000	172800	633600	333600	

NOTE:-

- 1 OTHER BRICK PLANTS INSTALLED BY M/S ATHARV BRICKS (70 TPD) M/S JAI DURGA BRICKS (70 TPD) AND LINK DISTRIBUTORS (300 TPD) WILL CONSUME 440 T FLYASH PER DAY, SO 158400 TON PER YEAR.
- 2 MSP STEEL HAS TWO BRICK PLANTS HAVING CAPACITY OF 24000 EACH TO CONSUME APPROX 120 T / DAY I.E. 43200 PER YEAR
- 3 REMAINING QUANTITY OF FLYASH 833400 TON WILL BE USED MAINLY BACK FILLING OF ABANDONED MINES AND PARTIALLY ROAD CONSTRUCTION AND CIVIL WORK
- 4 EXPECTED TOTAL FLYASH GENERATION CALCULATED FOR THE INSTALLED CAPACITY OF POWER PLANT AND MAXIMUM POWER GENERATION

Green Belt Audit Certificate

Annex -X

Regs no- CG STATE/502

S I N D R A

Society for Integrated Development and Research Assistance

237-Panchwati Nagar, Kapa, P.O. – Pandary (Raipur), District – Raipur (C.G.) Pin – 492004

Email: sindra.ngo@gmail.com

mobile: 75870-85512

S no / 2025/GB03

Date – 02/04/2025

Certificate

This is to certify that green belt area of M/s MSP Steel & Power Limited, at Village Jamgaon, District – Raigarh (C.G.) – 496001, has approx 126 Acre land for their Integrated Steel & Power Plant. In that premises and surrounding plant area there are plants of various species and preferred local species with survival rate more than 84%.

In total area covered under plantation is more than 33% of the plant in the Financial Year 2024-2025. The plantation work is satisfactory..

SINDRA
237-Panchwati Nagar, Kapa
P.O. – Pandri (Raipur)
District - Raipur (C.G.) Pin – 492004



Environmental Monitoring Report

Annex -XI

Drinking Water Analysis Report

SL.NO	PARAMETER S	UNIT	As per IS 10500:2012		OCT - 24				NOV - 24			
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source	Guest House	ADMIN BUILDING	PELLET PLANT CANTE EN	MSP COLONY	Guest House	ADMIN BUILDING	PELLET PLANT CANTEE N	MSP COLONY
1	Appearance	--	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
2	Odour	-	Agreeable	Agreeable	O dour less	O dour less	O dour less	O dour less	O dour less	O dour less	O dour less	O dour less
3	pH	-	6.5 – 8.5	No Relaxtion	6.6	6.7	6.8	6.6	6.6	6.7	6.8	6.6
4	TSS	--	**	--	5	2	5	3	4	2	4	3
5	TDS	mg/l	500	2000	103	137	370	160	106	127	334	147
6	Turbidity	mg/l	1	5	0.4	0.2	0.5	0.4	0.3	0.2	0.3	0.3
7	conductivity	NTU	*	*	157	208	562	242	162	212	558	246
8	T. Alkalinity	µs/cm	200	600	32	38	66	68	34	38	68	72
9	T. Hardness	ppm	200	600	28	32	60	62	32	34	58	66
10	Calcium	ppm	75	200	18	21	39	40	21	22	38	43
11	Magnesium	ppm	30	100	10	11	21	22	11	12	20	23
12	Chloride	ppm	250	1000	12	16	18	20	12	16	18	22
13	Silica	ppm	*	*	10	12	14	18	10	14	16	16
14	Iron	ppm	0.3	No Relaxtion	0.106	0.092	0.096	0.088	0.121	0.108	0.112	0.102

Drinking Water Analysis Report

SL.NO	PARAMETER S	UNIT	As per IS 10500:2012		DEC - 24			JAN - 25				
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source	Guest House	ADMIN BUILDING	PELLET PLANT CANTEEN	MSP COLONY	Guest House	ADMIN BUILDING	PELLET PLANT CANTEEN	MSP COLONY
1	Appearance	--	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
2	Odour	-	Agreeable	Agreeable	O dour less	O dour less	O dour less	O dour less	O dour less	O dour less	O dour less	O dour less
3	pH	-	6.5 – 8.5	No Relaxtion	6.6	6.7	6.7	6.6	6.6	6.7	6.8	6.7
4	TSS	--	**	--	3	1	4	2	2	2	4	3
5	TDS	mg/l	500	2000	97	142	354	158	110	138	362	160
6	Turbidity	mg/l	1	5	0.3	0.1	0.3	0.2	0.2	0.1	0.3	0.2
7	conductivity	NTU	*	*	162	216	552	240	168	210	548	242
8	T. Alkalinity	µs/cm	200	600	32	36	64	70	34	38	62	72
9	T. Hardness	ppm	200	600	30	32	52	64	32	34	50	62
10	Calcium	ppm	75	200	20	21	34	42	21	22	33	40
11	Magnesium	ppm	30	100	10	12	18	22	12	12	17	22
12	Chloride	ppm	250	1000	12	14	18	20	10	16	16	22
13	Silica	ppm	*	*	10	12	14	18	8	12	12	16
14	Iron	ppm	0.3	No Relaxtion	0.118	0.102	0.114	0.106	0.112	0.106	0.116	0.108

Drinking Water Analysis Report

SL.NO	PARAMETER S	UNIT	As per IS 10500:2012		FEB - 25			MAR - 25				
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source	Guest House	ADMIN BUILDING	PELLET PLANT CANTEEN	MSP COLONY	Guest House	ADMIN BUILDING	PELLET PLANT CANTEEN	MSP COLONY
1	Appearance	--	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
2	Odour	-	Agreeable	Agreeable	O dour less	O dour less	O dour less	O dour less	O dour less	O dour less	O dour less	O dour less
3	pH	-	6.5 – 8.5	No Relaxtion	6.6	6.7	6.8	6.7	6.6	6.7	6.7	6.6
4	TSS	--	**	--	2	1	4	3	2	1	3	2
5	TDS	mg/l	500	2000	99	141	356	163	98	137	356	149
6	Turbidity	mg/l	1	5	0.3	0.1	0.3	0.2	0.3	0.2	0.6	0.3
7	conductivity	NTU	*	*	150	214	540	248	148	208	540	226
8	T. Alkalinity	µs/cm	200	600	32	38	66	70	34	36	58	66
9	T. Hardness	ppm	200	600	30	32	52	64	32	34	52	58
10	Calcium	ppm	75	200	20	21	34	42	21	22	34	38
11	Magnesium	ppm	30	100	10	11	18	22	11	12	18	20
12	Chloride	ppm	250	1000	12	14	18	24	10	16	16	22
13	Silica	ppm	*	*	8	12	14	18	8	12	12	16
14	Iron	ppm	0.3	No Relaxtion	0.108	0.098	0.118	0.102	0.116	0.096	0.108	0.106

Ambient Air Noise Monitoring Report for the period of OCT -24 to MAR-25

Location	OCT -24		NOV -24		DEC-24		JAN-25		FEB-25		MAR-25	
	Day Time	Night Time										
Guest House	62.4	58.6	62.5	58.8	62.6	58.2	62.3	57.8	62.4	57.2	63.5	58.3
Admin Building	62.5	59.4	62.8	59.6	62.3	58.4	61.8	58.2	61.6	58.3	62.8	58.5
Steel Yard RMS	64.6	60.2	65.1	60.4	64.7	60.1	64.7	60.4	64.8	59.7	65.8	59.3
Gate No.3	64.2	60.1	64.8	60.6	64.3	60.5	65.2	60.6	65.4	60.1	65.7	60.2
CPP(34MW) Gate	68.2	60.1	68.5	61.3	67.5	60.7	66.7	61.2	66.8	60.2	68.7	60.4
Pellet Plant Gate	66.5	59.4	66.3	59.7	65.2	59.6	63.8	60.3	65.7	60.1	67.1	60.6
Back Side of Coal washery Road	67.1	60.4	68.2	61.2	66.3	60.2	64.6	61.8	64.3	60.2	66.8	61.2

Remarks:- As per CPCB Standards Day Time Norms-Max. 75 dB(A) & Night time Norms-Max. 70 dB(A) make:- Envirotech Model No: SLM100

Calibrated by M/S Universal Scientific Equipment and services, Aligarh, Calibration date 01.01.2025 validity 31.12.2025

Third party ambient noise monitoring report

Format No. : UESPL/FORM/09



HDD-272, Phase III - Near JP Chowk
Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4027777
Email : uespllab@gmail.com, ultimatenviro@gmail.com

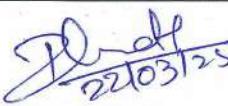
Name & Address Of The Customer		REPORT NO.	UESPL/25-26/05934
To, MSP STEEL & POWER LIMITED VILLAGE – JAMGAON, POST - JAMGAON, DIST-RAIGARH, 496001 (CHHATTISGARH)		LAB REF NO.	UESPL/25-26/N/11446-11449
		DATE OF REPORT	22/03/2025
		DATE OF SAMPLING	17/03/2025
SAMPLE DETAILS			
Monitoring For	Noise Level Monitoring		
Sampling Location	1. Near Guest House 2. Near Pellet Plant Training House 3. Near Admin Building 4. Near MSP Family Colony		
Sample Collected By	Laboratory Chemist		
Sampling Procedure	Manufacturer's Instruction		

TEST REPORT					
LOCATION	UNIT	RESULT		LIMIT (INDUSTRIAL ZONE)	
		DAY TIME	NIGHT TIME	DAY TIME	NIGHT TIME
Near Guest House	dB(A)	68.9	59.4		
Near Pellet Plant Training House	dB(A)	66.2	58.2	75	70
Near Admin Building	dB(A)	67.8	55.9		
Near MSP Family Colony	dB(A)	62.5	53.7		

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

- The report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(s) only.

 REVIEWED BY 22/03/25		For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD  AUTHORIZED SIGNATORY
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End of the test report

Ambient air monitoring (PM10) Report for the period of OCT -24 to MAR -25

LOCATION	Month					
	OCT-24	NOV-24	DEC-24	JAN-25	FEB-25	MAR-25
Guest House	44	46	49	47	48	50
Admin Building	46	41	45	47	50	51
Near Steel yard Rolling mill	40	42	44	46	49	52
Pellet Plant Gate	38	40	43	47	47	48
MSP Colony	32	34	36	38	41	43

Annex -XI

Ambient air monitoring (PM2.5) Report for the period of OCT -24 to MAR -25

LOCATION	Month					
	OCT-24	NOV-24	DEC-24	JAN-25	FEB-25	MAR-25
Guest House	23	24	28	30	33	36
Admin Building	23	25	27	29	30	32
Near Steel yard Rolling mill	21	23	26	28	30	33
Pellet Plant Gate	20	23	25	27	29	31
MSP Colony	19	22	23	25	26	29

Third party ambient air monitoring report.

Format No. : UESPL/FORM/09



Ultimate
 ENVIROLYTICAL SOLUTIONS PVT. LTD.

HDD-272, Phase III - Near JP Chowk
 Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099
 Ph : 0771 - 4027777
 Email : uespllab@gmail.com, ultimatenviro@gmail.com

Name & Address Of The Customer		REPORT NO	UESPL/TR/24-25/05933
TO,		LAB REF NO	UESPL/24-25/AAQM/11442-11445
MSP STEEL & POWER LIMITED		DATE OF SAMPLING	17/03/2025
VILLAGE – JAMGAON,		DATE OF RECEIPT	18/03/2025
POST - JAMGAON, DIST-RAIGARH,		DATE OF REPORT	22/03/2025
496001 (CHHATTISGARH)		DATE OF ANALYSIS	START: 18/03/2025 END: 22/03/2025
SAMPLE DETAILS			
Monitoring For	Ambient Air Quality Monitoring		
	1. Near Guest House 2. Near Pellet Plant Training House 3. Near Admin Building 4. Near MSP Family Colony		
Sampling Location			
Customer Ref. No. & Date	Verbal Communication, Dated: 17.03.2025		
Sampling Procedure	As Per Method Reference		
Sample Quantity/Packing	Filter Paper (PM ₁₀): 1X1 NO., Filter Paper (PM _{2.5}): 1X1 NO. SO ₂ : 30mlX1 NO. PVC Bottle, NO ₂ : 30mlX1 NO. PVC Bottle, Rubber Bladder: 1X1 NO.		

Test Method and NAAQM Standard for Ambient Air Quality Monitoring

PARAMETER	Method Reference	NAAQM Standard
Particulate Matter size less than 10 microns (PM ₁₀)	IS:5182 (Part-23) : 2006 RA 2022	100
Particulate Matter size less than 2.5 microns (PM _{2.5})	IS:5182 (Part-24) : 2019	60
Sulphur Dioxide (SO ₂)	IS:5182 (Part-2/Sec.1) : 2001 RA 2023	80
Nitrogen Dioxide (NO ₂)	IS:5182 (Part-6) : 2006 RA 2022	80
Carbon Monoxide (CO)	IS:5182 (Part-10) : 1999	4.0

TEST REPORT

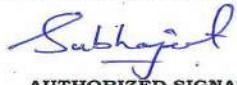
Sampling Location	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO* mg/m ³
Near Guest House	68.4	34.4	20.9	30.2	0.68
Near Pellet Plant Training House	62.8	31.8	19.8	28.5	0.52
Near Admin Building	60.4	30.3	17.2	22.3	0.49
Near MSP Family Colony	56.8	27.8	16.6	21.8	0.38

Note: All results are on the basis of 24hour sampling,* except CO.

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

- The report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 15days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(3 only).

 REVIEWED BY		For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD
 AUTHORIZED SIGNATORY		

-----End of the test report-----

Annex – XI

Stack monitoring Report for the period of OCT -24 to MAR -25

Stack Name	Stack Attached with	MONTH					
		OCT-24	NOV-24	DEC-24	JAN-25	FEB-25	MAR-25
Stack -1	WHRB 1 & 2	22	25	27	28	25	26
Stack -2	WHRB 3 & 4	45	40	28	26	27	24
Stack -3	AFBC 4.5MW & CFBC 10 MW	36	32	25	27	29	28
Stack -4	34 MW-CPP	47	45	41	29	27	27
Stack -5	Pellet -1	25	26	29	27	26	23
Stack -6	Pellet -2	28	23	28	29	28	25

**Remarks:- PM Limit is 50 MG/Nm3 As per CPCB Standards, Make :- Vyobdhan Model No:-VSS 1,
Calibrated by by M/S UNIVERSAL SCIENTIFIC INSTRUMENT AND CALIBRATION,ALIGARH**

Third party Stack monitoring Report



**EUROFINE ENVIRO
LAB PVT. LTD.**

Office Address : Gate No.1414, Near Ranjangaon Bus Stop
Ranjangaon, Tal. Shirur, Dist. Pune - 412209
eurofinelab@gmail.com 9922474646 / 9637345858

Name and Address of Customer M/s MSP TEEL & POWER LIMITED, Village & Post - Jamgaon District- Raigarh, Chhattisgarh 496001	Customer Ref No	RD245-00006
Report No	EFEL/PRO/2025/03/154	
Lab ref No	EFEL/PRO/2025/03/154	
Date of sampling	21.03.2025	
Date of receipt	23.03.2025	
Date of report	27.03.2025	
Date of analysis	From : 24.03.2025	To : 25.03.2025
Sample details	Source Emission	
Monitoring /Sample Name	Stack Emission Monitoring	
Sampling Location	At stack sampling port	
Sample collected by	Representatives	
Sample Quantity / Packing	Thimble -1 No, SO2: 30 ml in PBC Bottle, NOx: 25 ml etc	

TEST REPORT

STACK DETAILS				
Stack attached to	DRI (Kiln #1&2)			
Stack identity	WHRB 1&2			
Material of construction	RCC			
Stack height above GL (MTR)	65			
Stack Diameter (MTR)	2.70			
Stack shape at top	Circular			
Type of fuel	Coal			
PARAMETER	Unit	Result	Limit	Method Ref.
Flue Gas Temp.	°C	127	-	IS 11255 (P-3):2008
Flue gas velocity	m/sec	11.94	-	IS 11255 (P-3):2008
Particulate Matter (PM)	mg/Nm ³	26	50	IS 11255 (P-1):1985
Sulphur Dioxide (SO2)	mg/Nm ³	302	600	IS 11255 (P-2):1985
Oxides of Nitrogen (NOx)	mg/Nm ³	154	300	IS 11255 (P-7):2005

Remarks:

• The report for publication, arbitration or as legal dispute is forbidden.
 • Test sample will be retained for 10 days after issue the test report unless otherwise agreed with customer.
 • The above test report is as per customer requirement.



Authorized Signatory
Mr. Mahesh Shelar
(Managing Director)

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Registered Address : Flat No. A-5, Balaji Place, Kharadi Road,
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Certifications : ISO 9001 : 2015
• ISO 14001 : 2015 • ISO 48001 : 2018



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eurofinelab@gmail.com 9922474646 / 9637345858

Name and Address of Customer M/s MSP TEEL & POWER LIMITED, Village & Post - Jamgaon District- Raigarh, Chhattisgarh 496001	Customer Ref No	RD245-00006
Report No	EFEL/PRO/2025/03/155	
Lab ref No	EFEL/PRO/2025/03/155	
Date of sampling	21.03.2025	
Date of receipt	23.03.2025	
Date of report	27.03.2025	
Date of analysis	From : 24.03.2025	To : 25.03.2025
Sample details	Source Emission	
Monitoring /Sample Name	Stack Emission Monitoring	
Sampling Location	At stack sampling port	
Sample collected by	Representatives	
Sample Quantity / Packing	Thimble -1 No, SO2: 30 ml in PBC Bottle, NOx: 25 ml etc	

TEST REPORT

STACK DETAILS				
Stack attached to	DRI (Kiln #3&4)			
Stack identity	WHRB #3&4			
Material of construction	RCC			
Stack height above GL (MTR)	75			
Stack Diameter (MTR)	2.60			
Stack shape at top	Circular			
Type of fuel	Coal			
PARAMETER	Unit	Result	Limit	Method Ref.
Flue Gas Temp.	°C	124	-	IS 11255 (P-3):2008
Flue gas velocity	m/sec	13.88	-	IS 11255 (P-3):2008
Particulate Matter (PM)	mg/Nm ³	24	50	IS 11255 (P-1):1985
Sulphur Dioxide (SO2)	mg/Nm ³	325	600	IS 11255 (P-2):1985
Oxides of Nitrogen (NOx)	mg/Nm ³	156	300	IS 11255 (P-7):2005

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eurofinelab@gmail.com 9922474646 / 9637345858

Name and Address of Customer M/s MSP TEEL & POWER LIMITED, Village & Post - Jamgaon District- Raigarh, Chhattisgarh 496001	Customer Ref No	RD245-00006
Report No	EFEL/PRO/2025/03/156	
Lab ref No	EFEL/PRO/2025/03/156	
Date of sampling	21.03.2025	
Date of receipt	23.03.2025	
Date of report	27.03.2025	
Date of analysis	From : 24.03.2025	To : 25.03.2025
Sample details	Source Emission	
Monitoring /Sample Name	Stack Emission Monitoring	
Sampling Location	At stack sampling port	
Sample collected by	Representatives	
Sample Quantity / Packing	Thimble -1 No, SO ₂ : 30 ml in PBC Bottle, NO _x : 25 ml etc	

TEST REPORT

STACK DETAILS				
Stack attached to	CPP - BOILER			
Stack identity	4.5 MW & 10 MW Stack			
Material of construction	RCC			
Stack height above GL (MTR)	65			
Stack Diameter (MTR)	2.70			
Stack shape at top	Circular			
Type of fuel	Rice husk & coal			
PARAMETER	Unit	Result	Limit	Method Ref.
Flue Gas Temp.	°C	127	-	IS 11255 (P-3):2008
Flue gas velocity	m/sec	13.2	-	IS 11255 (P-3):2008
Particulate Matter (PM)	mg/Nm ³	27	50	IS 11255 (P-1):1985
Sulphur Dioxide (SO ₂)	mg/Nm ³	301	600	IS 11255 (P-2):1985
Oxides of Nitrogen (NO _x)	mg/Nm ³	174	300	IS 11255 (P-7):2005

Remarks:

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eurofinelab@gmail.com 9922474646 / 9637345858

Name and Address of Customer M/s MSP TEEL & POWER LIMITED, Village & Post - Jamgaon District- Raigarh, Chhattisgarh 496001	Customer Ref No	RD245-00006
Report No	EFEL/PRO/2025/03/157	
Lab ref No	EFEL/PRO/2025/03/157	
Date of sampling	21.03.2025	
Date of receipt	23.03.2025	
Date of report	27.03.2025	
Date of analysis	From : 24.03.2025	To : 25.03.2025
Sample details	Source Emission	
Monitoring /Sample Name	Stack Emission Monitoring	
Sampling Location	At stack sampling port	
Sample collected by	Representatives	
Sample Quantity / Packing	Thimble -1 No, SO ₂ : 30 ml in PBC Bottle, NO _x : 25 ml etc	

TEST REPORT

STACK DETAILS				
Stack attached to	CPP -2 BOILER			
Stack identity	34 MW Stack			
Material of construction	RCC			
Stack height above GL (MTR)	87			
Stack Diameter (MTR)	3.0			
Stack shape at top	Circular			
Type of fuel	Coal			
PARAMETER	Unit	Result	Limit	Method Ref.
Flue Gas Temp.	°C	129	-	IS 11255 (P-3):2008
Flue gas velocity	m/sec	13.62	-	IS 11255 (P-3):2008
Particulate Matter (PM)	mg/Nm ³	25	50	IS 11255 (P-1):1985
Sulphur Dioxide (SO ₂)	mg/Nm ³	298	600	IS 11255 (P-2):1985
Oxides of Nitrogen (NO _x)	mg/Nm ³	146	300	IS 11255 (P-7):2005

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eurofinelab@gmail.com 9922474646 / 9637345858

Name and Address of Customer M/s MSP TEEL & POWER LIMITED, Village & Post - Jamgaon District- Raigarh, Chhattisgarh - 496001	Customer Ref No Report No Lab ref No Date of sampling Date of receipt Date of report	RD245-00006 EFEL/PRO/2025/03/158 EFEL/PRO/2025/03/158 21.03.2025 23.03.2025 27.03.2025
Date of analysis	From : 24.03.2025	To : 25.03.2025
Sample details	Source Emission	
Monitoring /Sample Name	Stack Emission Monitoring	
Sampling Location	At stack sampling port	
Sample collected by	Representatives	
Sample Quantity / Packing	Thimble -1 No, SO ₂ : 30 ml in PBC Bottle, NO _x : 25 ml etc	

TEST REPORT

STACK DETAILS				
Stack attached to	Pellet			
Stack identity	Pellet - 1 Stack			
Material of construction	RCC			
Stack height above GL (MTR)	60			
Stack Diameter (MTR)	2.70			
Stack shape at top	Circular			
Type of fuel	Coal			
PARAMETER	Unit	Result	Limit	Method Ref.
Flue Gas Temp.	°C	126	-	IS 11255 (P-3):2008
Flue gas velocity	m/sec	14.6	-	IS 11255 (P-3):2008
Particulate Matter (PM)	mg/Nm ³	23	50	IS 11255 (P-1):1985
Sulphur Dioxide (SO ₂)	mg/Nm ³	212	600	IS 11255 (P-2):1985
Oxides of Nitrogen (NO _x)	mg/Nm ³	118	300	IS 11255 (P-7):2005

Remarks:

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eurofinelab@gmail.com 9922474646 / 9637345858

Name and Address of Customer M/s MSP TEEL & POWER LIMITED, Village & Post - Jamgaon District- Raigarh, Chhattisgarh - 496001	Customer Ref No Report No Lab ref No Date of sampling Date of receipt Date of report	RD245-00006 EFEL/PRO/2025/03/159 EFEL/PRO/2025/03/159 21.03.2025 23.03.2025 27.03.2025
Date of analysis	From : 24.03.2025	To : 25.03.2025
Sample details	Source Emission	
Monitoring /Sample Name	Stack Emission Monitoring	
Sampling Location	At stack sampling port	
Sample collected by	Representatives	
Sample Quantity / Packing	Thimble -1 No, SO ₂ : 30 ml in PBC Bottle, NO _x : 25 ml etc	

TEST REPORT

STACK DETAILS				
Stack attached to	Pellet			
Stack identity	Pellet -2 Stack			
Material of construction	RCC			
Stack height above GL (MTR)	65			
Stack Diameter (MTR)	2.70			
Stack shape at top	Circular			
Type of fuel	Coal			
PARAMETER	Unit	Result	Limit	Method Ref.
Flue Gas Temp.	°C	121	-	IS 11255 (P-3):2008
Flue gas velocity	m/sec	13.54	-	IS 11255 (P-3):2008
Particulate Matter (PM)	mg/Nm ³	28	50	IS 11255 (P-1):1985
Sulphur Dioxide (SO ₂)	mg/Nm ³	236	600	IS 11255 (P-2):1985
Oxides of Nitrogen (NO _x)	mg/Nm ³	105	300	IS 11255 (P-7):2005

Remarks:

Terms & Conditions:

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Certifications : ISO 9001 : 2015
• ISO 14001 : 2015 • ISO 48001 : 2018

Annex – XI

Work Zone noise monitoring Report for the period of OCT -24 to MAR -25						
LOCATION / Division -SMS	OCT-24	NOV-24	DEC-24	JAN-25	FEB-25	MAR-25
Store	77.5	78.4	78.5	78.4	78.4	79.3
CCM1	83.1	83.1	82.9	82.8	83.2	83.4
CCM2	83.9	82.8	83.2	83.4	82.4	83.5
18Ton furnace	83.4	83.5	83.4	83.4	83.4	84.1
18 ton mcc room	83.8	83.4	83.8	83.2	83.1	84.0
Crusher area	84.1	83.5	83.3	83.7	84.3	84.1
Workshop	80.9	81.8	81.7	81.4	81.7	82.9
Office	69.5	69.4	68.9	69.3	70.1	70.5
QC	82.5	81.7	81.4	81.6	81.9	82.9

Work Zone noise monitoring Report for the period of OCT -24 to MAR -25						
LOCATION / Division - SID &RMP	OCT-24	NOV-24	DEC-24	JAN-25	FEB-25	MAR-25
Compressor room (K-4)	83.4	82.3	83.8	83.6	83.8	83.0
Separation	82.0	82.6	82.5	82.3	83.7	83.7
Kiln 1	82.4	82.5	82.3	81.5	81.2	82.7
Kiln 2	82.0	82.3	82.6	83.7	83.8	83.4
Kiln 3	83.6	83.4	83.2	83.8	82.8	82.6
Kiln 4	83.4	83.8	82.3	83.8	83.2	83.6
Product house	70.1	69.5	69.8	69.5	69.3	71.3
Transformer room	84.4	84.0	83.6	83.1	83.2	82.6
Old day bin	78.5	78.4	79.0	77.4	77.9	77.7
Iron crusher	84.3	83.7	83.4	83.7	84.2	84.1
Coal crusher	83.9	83.3	83.4	83.6	83.4	83.5
Iron screen	81.8	81.9	82.8	82.5	83.7	83.7
Tippler circuit	73.8	78.0	78.6	78.0	78.5	78.3
Coal sizer	71.5	70.4	70.5	70.8	70.5	70.4
RMP office	68.0	67.4	67.4	66.1	67.8	67.6
New Daybin	74.7	73.9	74.7	74.4	72.8	72.5

**E-Compliance of EC condition Oct - 24 TO Mar - 25
MSP Steel and Power Limited, Jamgaon. Raigarh CG.**

Work Zone noise monitoring Report for the period of OCT -24 to MAR -25

Recommendation: Use ear plug while working at high Noise area

Remarks:- As per CPCB Standards 85dB(A) in Work Zone Area,
Calibrated by M/S Universal Scientific Equipment and services, Aligarh,

Work Zone noise monitoring Report for the period of OCT -24 to MAR -25						
LOCATION / Division - CPP -2	OCT-24	NOV-24	DEC-24	JAN-25	FEB-25	MAR-25
Coal hopper	78.3	77.5	77.4	77.3	77.5	79.7
CHP	80.4	80.1	80.3	80.8	81.3	81.6
Boiler Area	82.5	82.2	82.8	83.1	83.3	84.4
Turbine Floor	83.6	83.8	83.6	83.2	84.3	83.5
Office	68.3	65.6	65.9	65.5	65.5	69.4
Store	70.7	69.9	69.2	69.0	68.8	69.6
Control room	71.7	72.0	71.0	70.9	70.7	71.3
Ground floor	83.2	83.6	83.4	83.7	83.4	83.8
COAL WASHERY						
Coal hopper	79.5	79.2	79.4	80.1	80.4	81.7
Screen	83.0	83.8	83.1	83.4	83.4	83.5
RMP	82.8	82.7	82.8	82.9	82.4	83.8
Crusher	83.2	83.4	83.5	83.4	83.4	83.8
Office	65.5	64.6	65.3	75.2	75.4	78.6
Coal shade	74.5	74.0	73.9	73.8	73.6	79.3

E-Compliance of EC condition Oct - 24 TO Mar - 25
MSP Steel and Power Limited, Jamgaon, Raigarh CG

Work Zone noise monitoring Report for the period of OCT -24 to MAR -25						
LOCATION / Division - PELLET -1	OCT-24	NOV-24	DEC-24	JAN-25	FEB-25	MAR-25
Benification	83.7	83.4	84.1	84.1	83.8	83.6
Cooler	83.2	84.1	84.0	84.2	84.1	84.2
Kiln	84.0	83.4	82.9	82.9	82.3	83.7
TG	83.7	83.6	83.8	83.7	83.5	83.5
PCI	84.1	83.9	83.8	83.4	83.3	84.0
Balling Disc	83.7	84.3	84.5	84.0	84.3	84.5
PGP	83.0	82.5	82.2	82.5	82.5	83.8
Product house	80.5	79.8	80.4	79.9	80.3	83.3
Thickener	72.7	72.5	72.3	72.5	73.0	79.4
PELLET -2						
ESP	81.8	81.6	81.7	81.5	81.3	81.5
Balling Disc	83.4	83.9	84.1	83.7	83.4	83.7
TG Building	83.4	83.8	83.1	82.7	81.9	81.3
PCI	83.3	83.4	83.8	83.4	83.5	83.0
Cooler	83.5	83.5	83.7	83.0	83.6	83.7
PGP	77.7	77.2	77.4	77.7	77.4	76.8
Benification	83.8	83.5	84.1	83.8	83.8	84.3
Kiln	84.3	84.5	83.5	83.4	84.3	83.7
Store	71.5	71.4	69.3	67.8	67.7	67.3
Office	69.3	69.1	68.2	67.3	67.2	67.6

**STATUS FOR IMPLEMENTATION OF RECOMMENDATIONS MENTIONED IN CHARTER
ON CORPORATE RESPONSIBILITY FOR ENVIRONMENTAL PROTECTION (CREP) FOR
INTEGRATED IRON & STEEL INDUSTRY**

31th MARCH 2025

Sl. No	Recommendation and target dates	Status
1	Coke Oven Plants <ul style="list-style-type: none"> To meet the parameters PLD (% leaking doors), PLL (%leaking lids), PLO (% leaking off take), of the notified standards under EPA within three years (by December 2005). Industry will submit time bound action plan and PERT Chart along with the Bank Guarantee for the implementation of the same. To rebuild at least 40% of the coke oven batteries* in next 10 years (by December 2012). 	Coke oven plant is not there in the existing facilities. Coke shall be purchased from the open market.
2	Steel melting shop To reduce 30% fugitive emissions by March 2004 and 100% by March 2008 (including installations of secondary de dusting facilities.)	The fugitive emissions from its induction furnace are controlled by installation of Bag filter and water sprinkling system at the time of installation of the plant itself. Annex.- II
3	Blast Furnace Direct inject of reducing agents 55% by June 2013.	BF not installed.
4	Solid waste/ Hazardous Waste management Utilisation of Steel Melting Shop (SMS)/ Blast Furnace (BF) Slag as per the following schedule: By 2004 – 70% By 2006 – 80% By 2007 – 100% Hazardous Wastes: <ul style="list-style-type: none"> Charge of tar sludge/ETP sludge to Coke Oven by June 2003. Inventorizations Waste fuel falls in the category of Hazardous of the Hazardous 	SMS slag granulated and used in road construction and other civil work after metal recovery process. BF not installed. We do not have coke oven at present. The unit has authorization for Hazardous waste Used oil, PGP TAR, DM Plant resin, chemical drums. <ul style="list-style-type: none"> Used oil and PGP TAR sold to

Sl. No	Recommendation and target dates	Status
	Waste as per Hazardous Waste (M&H) Rules, 1989 as amended in 2000 and implementation of the Rules by Dec. 2003 (Tar sludge, acid sludge, waste lubricating oil and type fuel falls in the category of Hazardous Waste).	<p>authorize re-cyclers approved by SPCB.</p> <ul style="list-style-type: none"> • DM Plant resin used for energy recovery by mixing with coal in own CFBC boiler. • Used chemical drum return to suppliers.
5	<p>Water conservation/ water pollution</p> <ul style="list-style-type: none"> • To reduce specific water consumption to 5m³/t for long products and 8m³/t for flat products by December 2005. • To operate CO-BP effluent treatment plant efficiently to achieve the notified effluent discharge standards- by July 2003. 	<p>The specific water consumption for the manufacturing of steel is approx. 1.39 m3 / MT</p> <p>Annex.- V (Third party Water audit certificate)</p> <p>The plant works on zero discharge principle and STP/ETP have installed for treating the effluent whatever generated.</p> <p>ETP (02 Nos) Treated water is used for dust conditioning and green belt.</p> <p>STP (01 Nos) Treated water used in gardening and plantation.</p> <p>Annex.- III (Third party Treated Water test report)</p>
6	Installation of continuous stack monitoring system & its calibration in major stacks and setting up of the online ambient air quality monitoring stations by June 2005.	<p>The unit have installed continuous stack monitoring system in all stacks for the monitoring of stipulated parameters. The monitoring data is transmitted to the server of CPCB/SPCB 24*7.</p> <p>http://cecb.swanenviron.com/</p> <p>User ID:-MSPSteel</p> <p>Password:- MSPSteel@321</p> <p>Ambient air quality stations are installed and monitoring data is transmitted to the server of CPCB/SPCB 24*7.</p> <p>Third party monitoring are also conducted by NABL accredited lab.</p>
7	To operate the existing pollution control equipment efficiently and to keep proper record of run hours, failure time and efficiency with immediate effect. Compliance report in this regard to be	The unit had installed energy meter with time totalizer with ESP The Energy consumption data of pollution control are submitted monthly to the SPCB.

SI. No	Recommendation and target dates	Status
	submitted to CPCB/SPCB every three months.	
8	To implement the recommendations of Life Cycle Assessment (LCA) study sponsored by MoEF by December 2003.	-
9	<p>The industry will initiate the steps to adopt the following clean technologies / measures to improve the performance of industry towards production, energy and environment.</p> <ul style="list-style-type: none"> • Energy recovery of top Blast Furnace (BF) gas. • Use of Tar-free runner linings. • De-dusting of Cast House at tap holes, runners, skimmers ladle and charging points. • Suppression of fugitive emissions using nitrogen gas or other inert gas. • To study the possibility of slag and fly ash transportation back to the abandoned mines, to fill up the cavities through empty railway wagons while they return back to the mines and its implementation. • Processing of the waste containing flux & ferrous wastes through waste recycling plant. • To implement rainwater harvesting. • Reduction of Green House Gases by: 	<p>BF not installed.</p> <p>BF not installed.</p> <p>BF not installed.</p> <ul style="list-style-type: none"> • SMS slag granulated and used in road construction and other civil work after metal recovery process. • Fly ash utilize for the manufacturing of Bricks, Paver blocks, precast in own brick plant and other brick manufacturer. Some part of fly ash also used in road construction and back filling of low lying area after due approval of SPCB. Monthly data submitted with SPCB. • Scrap materials, end cuts of rolling mills and metal obtained from SMS Slag metal recovery unit is recycled as raw material in IF. • Rainwater harvesting Pits (20 Nos.) and recharge pond made for rain water harvesting. <ul style="list-style-type: none"> a) Reduction in power consumption is ensured by the installation of VFD, Energy efficient pumps, IE-3 AND IE-4 Motors, proper insulation in boilers, proper refectories in DRI

Sl. No	Recommendation and target dates	Status
	<p>a. Reduction in power consumption.</p> <p>b. Use of by-products gases for power generation</p> <p>c. Promotion of Energy Optimisation Technology including energy audit.</p> <ul style="list-style-type: none"> • To set targets for Resource Conservation such as Raw material, energy and water consumption to match International Standards. • Up-gradation in the monitoring and analysis facilities for air and water pollutants. Also to impart elaborate training to the manpower so that realistic data is obtained in the environmental monitoring laboratories. • To improve overall housekeeping. 	<p>Kiln, Installation of LED lights etc.</p> <p>b) The unit had installed Waste Heat Recovery boilers in its DRI kin to use waste heat for the generation of steam and Electrical energy.</p> <p>C) Energy audits conducted as per PAT guidelines and recommendations implemented for energy optimisation.</p> <ul style="list-style-type: none"> • All guidelines of CREP related to the reduce such consumption practiced. <p>The unit had Environment monitoring cell by using latest equipments. On line CEMS & AAQMS installed and unit ensure periodic calibration by competent agency for realistic data. Training is being done in this regards.</p> <p>Good housekeeping shall be ensured</p>
10	<p>Sponge Iron Plants:</p> <p>Inventorization of sponge iron plants to be completed by SPCBs/CPCB by June 2003 and units will be asked to install proper air pollution control equipment by December 2003 to control primary and secondary emissions.</p> <p>As per rebuilding schedule submitted to CPCB/MOEF.</p>	<p>All necessary air pollution control equipments have been installed and are working efficiently to control emissions within the permissible limits for the existing DRI kilns.</p> <p><u>Electrostatic Precipitator (ESPs):</u></p> <p>DRI (04 Nos.): Common Stack 1 attached two separate ESP</p>

Sl. No	Recommendation and target dates	Status
		<p>connected to Kiln I & II.</p> <p>Common Stack 2 attached two separate ESP connected to Kiln III & IV.</p> <p>DRI: Bag Filters: 6 nos.</p> <p>Telescopic chute provided at loading point of Sponge iron.</p>

Ambient Air Noise Monitoring Report for the period of OCT -24 to MAR-25

Location	OCT -24		NOV -24		DEC-24		JAN-25		FEB-25		MAR-25	
	Day Time	Night Time										
Guest House	62.4	58.6	62.5	58.8	62.6	58.2	62.3	57.8	62.4	57.2	63.5	58.3
Admin Building	62.5	59.4	62.8	59.6	62.3	58.4	61.8	58.2	61.6	58.3	62.8	58.5
Steel Yard RMS	64.6	60.2	65.1	60.4	64.7	60.1	64.7	60.4	64.8	59.7	65.8	59.3
Gate No.3	64.2	60.1	64.8	60.6	64.3	60.5	65.2	60.6	65.4	60.1	65.7	60.2
CPP(34MW) Gate	68.2	60.1	68.5	61.3	67.5	60.7	66.7	61.2	66.8	60.2	68.7	60.4
Pellet Plant Gate	66.5	59.4	66.3	59.7	65.2	59.6	63.8	60.3	65.7	60.1	67.1	60.6
Back Side of Coal washery Road	67.1	60.4	68.2	61.2	66.3	60.2	64.6	61.8	64.3	60.2	66.8	61.2

Third party ambient noise monitoring report

Format No. : UESPL/FORM/09



HDD-272, Phase III - Near JP Chowk
Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4027777
Email : uespllab@gmail.com, ultimatenviro@gmail.com

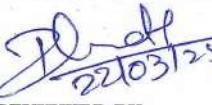
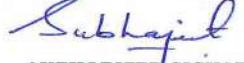
Name & Address Of The Customer		REPORT NO.	UESPL/TR/25-26/05934
To, MSP STEEL & POWER LIMITED VILLAGE – JAMGAON, POST - JAMGAON, DIST-RAIGARH, 496001 (CHHATTISGARH)		LAB REF NO.	UESPL/25-26/N/11446-11449
		DATE OF REPORT	22/03/2025
		DATE OF SAMPLING	17/03/2025
SAMPLE DETAILS			
Monitoring For	Noise Level Monitoring		
Sampling Location	1. Near Guest House 2. Near Pellet Plant Training House 3. Near Admin Building 4. Near MSP Family Colony		
Sample Collected By	Laboratory Chemist		
Sampling Procedure	Manufacturer's Instruction		

TEST REPORT					
LOCATION	UNIT	RESULT		LIMIT (INDUSTRIAL ZONE)	
		DAY TIME	NIGHT TIME	DAY TIME	NIGHT TIME
Near Guest House	dB(A)	68.9	59.4		
Near Pellet Plant Training House	dB(A)	66.2	58.2	75	70
Near Admin Building	dB(A)	67.8	55.9		
Near MSP Family Colony	dB(A)	62.5	53.7		

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

- The report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(s) only.

 REVIEWED BY		For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD
 AUTHORIZED SIGNATORY		

-----End of the test report-----

Ambient air monitoring (PM10) Report for the period of OCT -24 to MAR -25

LOCATION	Month					
	OCT-24	NOV-24	DEC-24	JAN-25	FEB-25	MAR-25
Guest House	44	46	49	47	48	50
Admin Building	46	41	45	47	50	51
Near Steel yard Rolling mill	40	42	44	46	49	52
Pellet Plant Gate	38	40	43	47	47	48
MSP Colony	32	34	36	38	41	43

Ambient air monitoring (PM2.5) Report for the period of OCT -24 to MAR -25

LOCATION	Month					
	OCT-24	NOV-24	DEC-24	JAN-25	FEB-25	MAR-25
Guest House	23	24	28	30	33	36
Admin Building	23	25	27	29	30	32
Near Steel yard Rolling mill	21	23	26	28	30	33
Pellet Plant Gate	20	23	25	27	29	31
MSP Colony	19	22	23	25	26	29

Third party ambient air monitoring report.

Format No. : UESPL/FORM/09



HDD-272, Phase III - Near JP Chowk
 Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099
 Ph : 0771 - 4027777
 Email : uespllab@gmail.com, ultimatenviro@gmail.com

Name & Address Of The Customer		REPORT NO	UESPL/TR/24-25/05933				
TO,	MSP STEEL & POWER LIMITED	LAB REF NO	UESPL/24-25/AQM/11442-11445				
VILLAGE - JAMGAON,	VILLAGE - JAMGAON, DIST - RAIGARH,	DATE OF SAMPLING	17/03/2025				
496001 (CHHATTISGARH)		DATE OF RECEIPT	18/03/2025				
		DATE OF REPORT	22/03/2025				
		DATE OF ANALYSIS	START: 18/03/2025	END: 22/03/2025			
SAMPLE DETAILS							
Monitoring For	Ambient Air Quality Monitoring						
Sampling Location	1. Near Guest House 2. Near Pellet Plant Training House 3. Near Admin Building 4. Near MSP Family Colony						
Customer Ref. No. & Date	Verbal Communication, Dated: 17.03.2025						
Sampling Procedure	As Per Method Reference						
Sample Quantity/Packing	Filter Paper (PM ₁₀): 1X1 NO., Filter Paper (PM _{2.5}): 1X1 NO. SO ₂ : 30mlX1 NO. PVC Bottle, NO ₂ : 30mlX1 NO. PVC Bottle, Rubber Bladder: 1X1 NO.						

Test Method and NAAQM Standard for Ambient Air Quality Monitoring

Parameter	Method Reference	NAAQM Standard
Particulate Matter size less than 10 microns (PM ₁₀)	IS:5182 (Part-23) : 2006 RA 2022	100
Particulate Matter size less than 2.5 microns (PM _{2.5})	IS:5182 (Part-24) : 2019	60
Sulphur Dioxide (SO ₂)	IS:5182 (Part-2/Sec.1) : 2001 RA 2023	80
Nitrogen Dioxide (NO ₂)	IS:5182 (Part-6) : 2006 RA 2022	80
Carbon Monoxide (CO)	IS:5182 (Part-10) : 1999	4.0

TEST REPORT

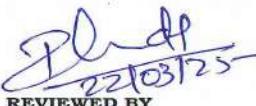
Sampling Location	PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO* mg/m ³
Near Guest House	68.4	34.4	20.9	30.2	0.68
Near Pellet Plant Training House	62.8	31.8	19.8	28.5	0.52
Near Admin Building	60.4	30.3	17.2	22.3	0.49
Near MSP Family Colony	56.8	27.8	16.6	21.8	0.38

Note: All results are on the basis of 24hour sampling,* except CO.

REMARKS: RESULTS ARE AS ABOVE

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- This is for information as the party has asked for above test(s) only.

 REVIEWED BY		For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD  AUTHORIZED SIGNATORY
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End of the test report

Stack monitoring Report for the period of OCT -24 to MAR -25

Stack Name	Stack Attached with	MONTH					
		OCT-24	NOV-24	DEC-24	JAN-25	FEB-25	MAR-25
Stack -1	WHRB 1 & 2	22	25	27	28	25	26
Stack -2	WHRB 3 & 4	45	40	28	26	27	24
Stack -3	AFBC 4.5MW & CFBC 10 MW	36	32	25	27	29	28
Stack -4	34 MW-CPP	47	45	41	29	27	27
Stack -5	Pellet -1	25	26	29	27	26	23
Stack -6	Pellet -2	28	23	28	29	28	25

Third party Stack monitoring Report



**EUROFINE ENVIRO
LAB PVT. LTD.**

Office Address : Gate No.1414, Near Ranjangaon Bus Stop
Ranjangaon, Tal. Shirur, Dist. Pune - 412209
eurofinelab@gmail.com 9922474646 / 9637345858

Name and Address of Customer	Customer Ref No	RD245-00006
M/s MSP TEEL & POWER LIMITED, Village & Post - Jamgaon District- Raigarh, Chhattisgarh 496001	Report No	EFEL/PRO/2025/03/154
	Lab ref No	EFEL/PRO/2025/03/154
	Date of sampling	21.03.2025
	Date of receipt	23.03.2025
	Date of report	27.03.2025
Date of analysis	From : 24.03.2025	To : 25.03.2025
Sample details	Source Emission	
Monitoring /Sample Name	Stack Emission Monitoring	
Sampling Location	At stack sampling port	
Sample collected by	Representatives	
Sample Quantity / Packing	Thimble -1 No, SO2: 30 ml in PBC Bottle, NOx: 25 ml etc	

TEST REPORT

STACK DETAILS				
Stack attached to	DRI (Kiln #1&2)			
Stack identity	WHRB 1&2			
Material of construction	RCC			
Stack height above GL (MTR)	65			
Stack Diameter (MTR)	2.70			
Stack shape at top	Circular			
Type of fuel	Coal			
PARAMETER	Unit	Result	Limit	Method Ref.
Flue Gas Temp.	°C	127	-	IS 11255 (P-3):2008
Flue gas velocity	m/sec	11.94	-	IS 11255 (P-3):2008
Particulate Matter (PM)	mg/Nm ³	26	50	IS 11255 (P-1):1985
Sulphur Dioxide (SO2)	mg/Nm ³	302	600	IS 11255 (P-2):1985
Oxides of Nitrogen (NOx)	mg/Nm ³	154	300	IS 11255 (P-7):2005

Remarks:

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- The above test report is as per customer requirement.



Authorized Signatory
Mr. Mahesh Shelar
(Managing Director)

Page 01 of 01

Laboratory Recognized by Ministry of Environment, Forest (MoEF) & Climate Change (CC) Govt. of India

Registered Address : Flat No. A-5, Balaji Place, Kharadi Road,
Chandan Nagar, Tal. Havelli, Dist. Pune - 411014

Certifications : ISO 9001 : 2015
• ISO 14001 : 2015 • ISO 48001 : 2018



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Ranjangaon, Tal. Shirur, Dist. Pune - 412209
eurofinelab@gmail.com 9922474646 / 9637345858

Name and Address of Customer	Customer Ref No	RD245-00006
M/s MSP TEEL & POWER LIMITED, Village & Post - Jamgaon District- Raigarh, Chhattisgarh 496001	Report No	EFEL/PRO/2025/03/155
	Lab ref No	EFEL/PRO/2025/03/155
	Date of sampling	21.03.2025
	Date of receipt	23.03.2025
	Date of report	27.03.2025
Date of analysis	From : 24.03.2025	To : 25.03.2025
Sample details	Source Emission	
Monitoring /Sample Name	Stack Emission Monitoring	
Sampling Location	At stack sampling port	
Sample collected by	Representatives	
Sample Quantity / Packing	Thimble -1 No, SO2: 30 ml in PBC Bottle, NOx: 25 ml etc	

TEST REPORT

STACK DETAILS				
Stack attached to	DRI (Kiln #3&4)			
Stack identity	WHRB #3&4			
Material of construction	RCC			
Stack height above GL (MTR)	75			
Stack Diameter (MTR)	2.60			
Stack shape at top	Circular			
Type of fuel	Coal			
PARAMETER	Unit	Result	Limit	Method Ref.
Flue Gas Temp.	°C	124	-	IS 11255 (P-3):2008
Flue gas velocity	m/sec	13.88	-	IS 11255 (P-3):2008
Particulate Matter (PM)	mg/Nm ³	24	50	IS 11255 (P-1):1985
Sulphur Dioxide (SO2)	mg/Nm ³	325	600	IS 11255 (P-2):1985
Oxides of Nitrogen (NOx)	mg/Nm ³	156	300	IS 11255 (P-7):2005

TEST REPORT

STACK DETAILS				
Stack attached to	DRI (Kiln #3&4)			
Stack identity	WHRB #3&4			
Material of construction	RCC			
Stack height above GL (MTR)	75			
Stack Diameter (MTR)	2.60			
Stack shape at top	Circular			
Type of fuel	Coal			
PARAMETER	Unit	Result	Limit	Method Ref.
Flue Gas Temp.	°C	124	-	IS 11255 (P-3):2008
Flue gas velocity	m/sec	13.88	-	IS 11255 (P-3):2008
Particulate Matter (PM)	mg/Nm ³	24	50	IS 11255 (P-1):1985
Sulphur Dioxide (SO2)	mg/Nm ³	325	600	IS 11255 (P-2):1985
Oxides of Nitrogen (NOx)	mg/Nm ³	156	300	IS 11255 (P-7):2005

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Page 01 of 01

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Ranjangaon, Tal. Shirur, Dist. Pune - 412209
eurofinelab@gmail.com 9922474646 / 9637345858

Name and Address of Customer M/s MSP TEEL & POWER LIMITED, Village & Post - Jamgaon District- Raigarh, Chhattisgarh 496001	Customer Ref No	RD245-00006
Report No	EFEL/PRO/2025/03/156	
Lab ref No	EFEL/PRO/2025/03/156	
Date of sampling	21.03.2025	
Date of receipt	23.03.2025	
Date of report	27.03.2025	
Date of analysis	From : 24.03.2025	To : 25.03.2025
Sample details	Source Emission	
Monitoring /Sample Name	Stack Emission Monitoring	
Sampling Location	At stack sampling port	
Sample collected by	Representatives	
Sample Quantity / Packing	Thimble -1 No, SO ₂ : 30 ml in PBC Bottle, NO _x : 25 ml etc	

TEST REPORT

STACK DETAILS				
Stack attached to	CPP - BOILER			
Stack identity	4.5 MW & 10 MW Stack			
Material of construction	RCC			
Stack height above GL (MTR)	65			
Stack Diameter (MTR)	2.70			
Stack shape at top	Circular			
Type of fuel	Rice husk & coal			
PARAMETER	Unit	Result	Limit	Method Ref.
Flue Gas Temp.	°C	127	-	IS 11255 (P-3):2008
Flue gas velocity	m/sec	13.2	-	IS 11255 (P-3):2008
Particulate Matter (PM)	mg/Nm ³	27	50	IS 11255 (P-1):1985
Sulphur Dioxide (SO ₂)	mg/Nm ³	301	600	IS 11255 (P-2):1985
Oxides of Nitrogen (NO _x)	mg/Nm ³	174	300	IS 11255 (P-7):2005

Remarks:

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Page 01 of 01

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eurofinelab@gmail.com 9922474646 / 9637345858

Name and Address of Customer M/s MSP TEEL & POWER LIMITED, Village & Post - Jamgaon District- Raigarh, Chhattisgarh 496001	Customer Ref No	RD245-00006
Report No	EFEL/PRO/2025/03/157	
Lab ref No	EFEL/PRO/2025/03/157	
Date of sampling	21.03.2025	
Date of receipt	23.03.2025	
Date of report	27.03.2025	
Date of analysis	From : 24.03.2025	To : 25.03.2025
Sample details	Source Emission	
Monitoring /Sample Name	Stack Emission Monitoring	
Sampling Location	At stack sampling port	
Sample collected by	Representatives	
Sample Quantity / Packing	Thimble -1 No, SO ₂ : 30 ml in PBC Bottle, NO _x : 25 ml etc	

TEST REPORT

STACK DETAILS				
Stack attached to	CPP -2 BOILER			
Stack identity	34 MW Stack			
Material of construction	RCC			
Stack height above GL (MTR)	87			
Stack Diameter (MTR)	3.0			
Stack shape at top	Circular			
Type of fuel	Coal			
PARAMETER	Unit	Result	Limit	Method Ref.
Flue Gas Temp.	°C	129	-	IS 11255 (P-3):2008
Flue gas velocity	m/sec	13.62	-	IS 11255 (P-3):2008
Particulate Matter (PM)	mg/Nm ³	25	50	IS 11255 (P-1):1985
Sulphur Dioxide (SO ₂)	mg/Nm ³	298	600	IS 11255 (P-2):1985
Oxides of Nitrogen (NO _x)	mg/Nm ³	146	300	IS 11255 (P-7):2005

Remarks:

- The report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 10 days after issue the test report unless otherwise agreed with customer.
- The above test report is as per customer requirement.



Authorized Signatory
Mr. Mahesh Sheilar
(Managing Director)

Page 01 of 01

Laboratory Recognized by Ministry of Environment, Forest (MoEF) & Climate Change (CC) Govt. of India

Registered Address : Flat No. A-5, Balaji Place, Kharadi Road,
Chandan Nagar, Tal. Haveli, Dist. Pune - 411014

Certifications : ISO 9001 : 2015
• ISO 14001 : 2015 • ISO 48001 : 2018



Office Address : Gate No.1414, Near Ranjangaon Bus Stop
Ranjangaon, Tal. Shirur, Dist. Pune -412209
eurofinelab@gmail.com 9922474646 / 9637345858

Name and Address of Customer M/s MSP TEEL & POWER LIMITED, Village & Post - Jamgaon District- Raigarh, Chhattisgarh - 496001	Customer Ref No Report No Lab ref No Date of sampling Date of receipt Date of report	RD245-00006 EFEL/PRO/2025/03/158 EFEL/PRO/2025/03/158 21.03.2025 23.03.2025 27.03.2025
Date of analysis	From : 24.03.2025	To : 25.03.2025
Sample details	Source Emission	
Monitoring /Sample Name	Stack Emission Monitoring	
Sampling Location	At stack sampling port	
Sample collected by	Representatives	
Sample Quantity / Packing	Thimble -1 No, SO ₂ : 30 ml in PBC Bottle, NO _x : 25 ml etc	

TEST REPORT

STACK DETAILS				
Stack attached to	Pellet			
Stack identity	Pellet - 1 Stack			
Material of construction	RCC			
Stack height above GL (MTR)	60			
Stack Diameter (MTR)	2.70			
Stack shape at top	Circular			
Type of fuel	Coal			
PARAMETER	Unit	Result	Limit	Method Ref.
Flue Gas Temp.	°C	126	-	IS 11255 (P-3):2008
Flue gas velocity	m/sec	14.6	-	IS 11255 (P-3):2008
Particulate Matter (PM)	mg/Nm ³	23	50	IS 11255 (P-1):1985
Sulphur Dioxide (SO ₂)	mg/Nm ³	212	600	IS 11255 (P-2):1985
Oxides of Nitrogen (NO _x)	mg/Nm ³	118	300	IS 11255 (P-7):2005

Remarks:

Terms & Conditions:

- The report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 10 days after issue the test report unless otherwise agreed with customer.
- The above test report is as per customer requirement.



Authorized Signatory
Mr. Mahesh Shelar
(Managing Director)

Page 01 of 01

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Office Address : Gate No.1414, Near Ranjangaon Bus Stop
Ranjangaon, Tal. Shirur, Dist. Pune -412209
eurofinelab@gmail.com 9922474646 / 9637345858

Name and Address of Customer M/s MSP TEEL & POWER LIMITED, Village & Post - Jamgaon District- Raigarh, Chhattisgarh - 496001	Customer Ref No Report No Lab ref No Date of sampling Date of receipt Date of report	RD245-00006 EFEL/PRO/2025/03/159 EFEL/PRO/2025/03/159 21.03.2025 23.03.2025 27.03.2025
Date of analysis	From : 24.03.2025	To : 25.03.2025
Sample details	Source Emission	
Monitoring /Sample Name	Stack Emission Monitoring	
Sampling Location	At stack sampling port	
Sample collected by	Representatives	
Sample Quantity / Packing	Thimble -1 No, SO ₂ : 30 ml in PBC Bottle, NO _x : 25 ml etc	

TEST REPORT

STACK DETAILS				
Stack attached to	Pellet			
Stack identity	Pellet -2 Stack			
Material of construction	RCC			
Stack height above GL (MTR)	65			
Stack Diameter (MTR)	2.70			
Stack shape at top	Circular			
Type of fuel	Coal			
PARAMETER	Unit	Result	Limit	Method Ref.
Flue Gas Temp.	°C	121	-	IS 11255 (P-3):2008
Flue gas velocity	m/sec	13.54	-	IS 11255 (P-3):2008
Particulate Matter (PM)	mg/Nm ³	28	50	IS 11255 (P-1):1985
Sulphur Dioxide (SO ₂)	mg/Nm ³	236	600	IS 11255 (P-2):1985
Oxides of Nitrogen (NO _x)	mg/Nm ³	105	300	IS 11255 (P-7):2005

Remarks:

Terms & Conditions:

- The report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 10 days after issue the test report unless otherwise agreed with customer.
- The above test report is as per customer requirement.



Authorized Signatory
Mr. Mahesh Shelar
(Managing Director)

Page 01 of 01

Laboratory Recognized by Ministry of Environment, Forest (MoEF) & Climate Change (CC) Govt. of India

Registered Address : Flat No. A-5, Balaji Place, Kharadi Road,
Chandan Nagar, Tal. Haveli, Dist. Pune - 411014

Certifications : ISO 9001 : 2015
• ISO 14001 : 2015 • ISO 48001 : 2018

Work Zone noise monitoring Report for the period of OCT -24 to MAR -25						
LOCATION / Division -SMS	OCT-24	NOV-24	DEC-24	JAN-25	FEB-25	MAR-25
Store	77.5	78.4	78.5	78.4	78.4	79.3
CCM1	83.1	83.1	82.9	82.8	83.2	83.4
CCM2	83.9	82.8	83.2	83.4	82.4	83.5
18Ton furnace	83.4	83.5	83.4	83.4	83.4	84.1
18 ton mcc room	83.8	83.4	83.8	83.2	83.1	84.0
Crusher area	84.1	83.5	83.3	83.7	84.3	84.1
Workshop	80.9	81.8	81.7	81.4	81.7	82.9
Office	69.5	69.4	68.9	69.3	70.1	70.5
QC	82.5	81.7	81.4	81.6	81.9	82.9
Recommendation: Use ear plug while working at high Noise area						
Remarks:- As per CPCB Standards 85dB(A) in Work Zone Area, Calibrated by M/S Universal Scientific Equipment and services, Aligarh,						

Work Zone noise monitoring Report for the period of OCT -24 to MAR -25						
LOCATION / Division -SID &RMP	OCT-24	NOV-24	DEC-24	JAN-25	FEB-25	MAR-25
Compressor room (K-4)	83.4	82.3	83.8	83.6	83.8	83.0
Separation	82.0	82.6	82.5	82.3	83.7	83.7
Kiln 1	82.4	82.5	82.3	81.5	81.2	82.7
Kiln 2	82.0	82.3	82.6	83.7	83.8	83.4
Kiln 3	83.6	83.4	83.2	83.8	82.8	82.6
Kiln 4	83.4	83.8	82.3	83.8	83.2	83.6
Product house	70.1	69.5	69.8	69.5	69.3	71.3
Transformer room	84.4	84.0	83.6	83.1	83.2	82.6
Old day bin	78.5	78.4	79.0	77.4	77.9	77.7
Iron crusher	84.3	83.7	83.4	83.7	84.2	84.1
Coal crusher	83.9	83.3	83.4	83.6	83.4	83.5
Iron screen	81.8	81.9	82.8	82.5	83.7	83.7
Tippler circuit	73.8	78.0	78.6	78.0	78.5	78.3

E-Compliance of EC condition Oct - 24 TO Mar - 25
MSP Steel and Power Limited, Jamgaon. Raigarh CG

Coal sizer	71.5	70.4	70.5	70.8	70.5	70.4
RMP office	68.0	67.4	67.4	66.1	67.8	67.6
New Daybin	74.7	73.9	74.7	74.4	72.8	72.5
Remarks:-	As per CPCB Standards	85dB(A)	in	Work	Zone	Area,

Calibrated by M/S Universal Scientific Equipment and services, Aligarh,

Work Zone noise monitoring Report for the period of OCT -24 to MAR -25

LOCATION / Division - CPP -1	OCT-24	NOV-24	DEC-24	JAN-25	FEB-25	MAR-25
CPP steel office	62.9	65.6	64.7	64.7	62.7	65.3
Boiler-4	79.0	80.4	80.3	79.6	79.9	79.7
Ground floor	84.1	84.0	84.0	84.1	83.4	83.3
Electrical panel	76.1	73.3	73.3	72.6	73.3	74.6
Turbine 1	83.1	83.7	83.8	84.1	83.2	83.3
Turbine 2	82.4	82.5	82.6	83.6	83.9	83.5
Turbine 3	83.9	83.3	83.8	83.4	83.1	83.2
Compressor house(18mw)	83.1	83.8	83.9	83.4	84.1	83.2

Recommendation: Use ear plug while working at high Noise area

Remarks:-	As per CPCB Standards	85dB(A)	in	Work	Zone	Area,
Calibrated by M/S Universal Scientific Equipment and services, Aligarh,						

Work Zone noise monitoring Report for the period of OCT -24 to MAR -25

LOCATION / Division - CPP -2	OCT-24	NOV-24	DEC-24	JAN-25	FEB-25	MAR-25
Coal hopper	78.3	77.5	77.4	77.3	77.5	79.7
CHP	80.4	80.1	80.3	80.8	81.3	81.6
Boiler Area	82.5	82.2	82.8	83.1	83.3	84.4
Turbine Floor	83.6	83.8	83.6	83.2	84.3	83.5
Office	68.3	65.6	65.9	65.5	65.5	69.4
Store	70.7	69.9	69.2	69.0	68.8	69.6
Control room	71.7	72.0	71.0	70.9	70.7	71.3
Ground floor	83.2	83.6	83.4	83.7	83.4	83.8
COAL WASHERY						
Coal hopper	79.5	79.2	79.4	80.1	80.4	81.7

E-Compliance of EC condition Oct - 24 TO Mar - 25
MSP Steel and Power Limited, Jamgaon. Raigarh CG

Screen	83.0	83.8	83.1	83.4	83.4	83.5
RMP	82.8	82.7	82.8	82.9	82.4	83.8
Crusher	83.2	83.4	83.5	83.4	83.4	83.8
Office	65.5	64.6	65.3	75.2	75.4	78.6
Coal shade	74.5	74.0	73.9	73.8	73.6	79.3
Recommendation: Use ear plug while working at high Noise area						
Remarks:- As per CPCB Standards 85dB(A) in Work Zone Area, Make :- Envirotech, Calibrated by M/S Universal Scientific Equipment and services, Aligarh,						

Work Zone noise monitoring Report for the period of OCT -24 to MAR -25

LOCATION / Division - PELLET -1	OCT-24	NOV-24	DEC-24	JAN-25	FEB-25	MAR-25
Benification	83.7	83.4	84.1	84.1	83.8	83.6
Cooler	83.2	84.1	84.0	84.2	84.1	84.2
Kiln	84.0	83.4	82.9	82.9	82.3	83.7
TG	83.7	83.6	83.8	83.7	83.5	83.5
PCI	84.1	83.9	83.8	83.4	83.3	84.0
Balling Disc	83.7	84.3	84.5	84.0	84.3	84.5
PGP	83.0	82.5	82.2	82.5	82.5	83.8
Product house	80.5	79.8	80.4	79.9	80.3	83.3
Thickener	72.7	72.5	72.3	72.5	73.0	79.4
PELLET -2						
ESP	81.8	81.6	81.7	81.5	81.3	81.5
Balling Disc	83.4	83.9	84.1	83.7	83.4	83.7
TG Building	83.4	83.8	83.1	82.7	81.9	81.3
PCI	83.3	83.4	83.8	83.4	83.5	83.0
Cooler	83.5	83.5	83.7	83.0	83.6	83.7
PGP	77.7	77.2	77.4	77.7	77.4	76.8
Benification	83.8	83.5	84.1	83.8	83.8	84.3
Kiln	84.3	84.5	83.5	83.4	84.3	83.7
Store	71.5	71.4	69.3	67.8	67.7	67.3
Office	69.3	69.1	68.2	67.3	67.2	67.6

Work Zone noise monitoring Report for the period of OCT-24 to MAR-25

LOCATION / Division RMD	OCT-24	NOV-24	DEC-24	JAN-25	FEB-25	MAR-25
Store	79.7	79.2	79.2	77.8	77.8	75.9
Pusher	84.4	84.1	84.0	84.0	83.4	83.6

**E-Compliance of EC condition Oct - 24 TO Mar - 25
MSP Steel and Power Limited, Jamgaon. Raigarh CG.**

Hierarchical System

Annex –XIII

ENVIRONMENT POLICY

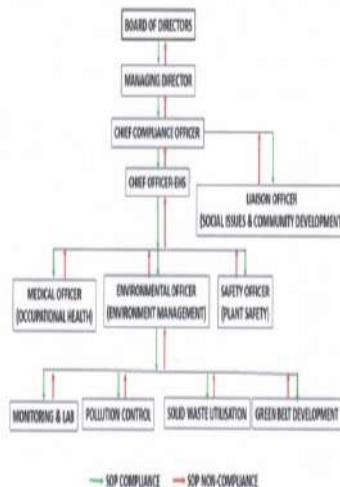
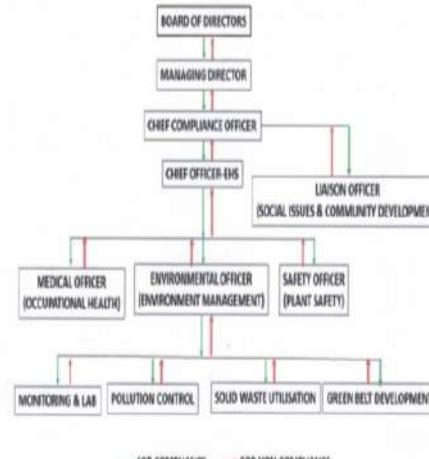
As has been resolved by the Board of Directors of MSP Steel & Power Limited (MSPSPL), the objective of the company is to operate its integrated unit with utmost regard for Safety and care for the Environment, in its meeting held on 5th September, 2020 at the Corporate Office, Kolkata.

MSPSPL is, therefore, committed to:

1. Adhere to National laws and regulations related to Environment Protection and Prevention & Control of Pollution for ensuring healthy & safe workplace.
2. Design, construct and operate the plant by adopting technology and process that are sustainable and environmentally acceptable in the country.
3. Initiate measures to prevent, minimize and control discharges to air, water and land of substances, which could adversely affect health and the environment.
4. Operate facilities and conduct activities taking into consideration of efficient usage and conservation of natural resources.
5. Establish Standard Operating Procedure (SOP) for effective Environment management through awareness and participation of employees, Contractors & Suppliers for prompt corrective measures and their compliances.
6. Employ qualified and competent personnel to oversee and maintain healthy and safe workplace environment for all employees.
7. Adopt measures to ensure that, all its contractors and business associates also comply with National laws and regulations related to Environment Protection and Prevention & Control of Pollution.
8. Adopt environmental conservation initiatives for preservation of bio-diversity around areas of operation.
9. Focus on continual improvement of environmental performance and ensure involvement of employees at all levels by providing training & awareness.

Dated: 05.09.2020

For MSP Steel & Power Limited
Saket Agrawal
 (Saket Agrawal)
 Managing Director

Institutional Set-Up for Environmental ManagementInstitutional Set-Up for Environmental Management

Saket Agrawal

Saket Agrawal

Plantation Schedule

Annex –XIV

S.No.	Species	Plantation done in 2022-23			
		Inside Plant Premises	Out Side Premises	Plant	Total Plantation
1	Pelta farm	946	3433		4379
2	Gulmohar	565	301		866
3	Casiacemia	86	0		86
4	Neem	10	0		10
5	karanj	0	355		355
6	Mango	11	73		84
7	Jack fruit	140	0		140
9	Arjun	0	6568		6568
10	Imli	0	210		210
11	Ratanjut	0	160		160
12	Seemar	0	142		142
TOTAL		1758	11242		13000

Sl.	Plantation Done	Year	No. of Plants
1	Done	2020-21	6396
2	Done	2021-22	7788
3	Done	2022-23	13000
4	Done	2023-24	12500
5	Done	2024-25	10500
Total			50184

Steps Towards Carbon Neutrality & Carbon Sequestration



MSPL has identified 70 locations in its EXISTING units/operations for improving the energy efficiency. MSPL received several awards from Govt of India and other Govt Institutions for these efforts.

As per the energy efficiency projects implemented during the year 2019-20, 2020-21 & 2021-22, the impacts are as follows:

Total kWh saving: 6,711,939 kWh Total

Coal saving: 20,780 MT

Total Carbon emissions reduced: 49,350 Ton of CO₂ (including kWh and Coal)

Carbon Footprint: Expansion projects

Parameter	kgCO ₂ Eq.
Air Emissions	485739555.8
Liquid Effluent	50683
Transport of materials	45718710
Energy use (from Grid)	271137067
Energy use (from WHRB)	-290919600
Greenbelt Area (sequestration/offset)	-59668661
Total Carbon Footprint (Ton of CO₂ per year)	452057.8

Ton of CO₂ per ton of production = 0.24 (details given in next slide)

Steps Towards Carbon Neutrality & Carbon Sequestration



- During the peak operation, the total CO₂ emission will be 0.802 Million tCO₂ per annum which is equivalent to 0.43 tCO₂ per ton of production.
- Through waste heat recovery system based captive power plant (51 MW) produce 354780000 kWh per year which offset about 290919.6 tCO₂ per year.
- Through development of a green belt having total area of 17 ha having 39500trees, there will be natural sequestration of CO₂ emissions. Due to which, company will sequester 59668.7 Tonnes CO₂-eq./annum every year.
- Therefore, at peak production the *Residual Gate to Gate* CO₂ emissions from the proposed EXPANSION UNITS will be 0.45 Mill. Tons eq. CO₂/ annum which is about 0.24 ton CO₂ eq. / ton production

MSPL will extract heat from flue gas of DRI Kilns and use it in Waste Heat Recovery Boilers produce power.

MSPL will use the Blast furnace gas as fuel in reheating furnace of rolling mill, sinter machine and drying coal for PCI.

MSPL will use the pressure recovered from blast furnace top and use it for driving blowers.

MSPL will install recuperator to extract heat from flue gas of blast furnace and use it to increase the HBT by about 50degC. This will reduce the coke consumption.

MSPL will develop green belt over an area of 32.4 ha. 32500 trees have been planted in the 17 ha area. 38500 trees will be planted in additional 15.4 ha area.

MSPL is committed to use 1.0 MW solar power for its internal lighting purpose.

ANNEXURE - XVI

Speed Post/Online



F. No. IA-J-11014/67/2021-IA-I

Government of India

Ministry of Environment, Forest and Climate Change

(I.A. Division)

Indira Paryavaran Bhavan

Jor Bagh Road, Aliganj

New Delhi-110 003

Email: shruti.rai@nic.in

Dated: 1st May, 2023

To,

The Head

M/s MSP Steel & Power Ltd.
16/5, Block A, New Alipore,
Kolkata-700053

Sub: Action Closure Letter (ACL) with respect to the project on 'Expansion of Steel Plant (95,000 to 6,95,000 TPA) and Captive Power Plant (16 MW to 52 MW) at Jamgaon, Raigarh, Chattisgarh by M/s MSP Steel & Power Ltd'-reg.

Ref: (i) IRO Raipur Monitoring Report No. 5-189/2009 (ENV) /487, 5-189/2009 (ENV) /932 & 5-189/2009 (ENV) /1025 dated 19.01.2022, 21.09.2022

(ii) IRO Review Report dated 09.11.2022.

(ii) Ministry's EC letter No. J-11011/267/2007-IA II (I) dated 02.04.2009, EC Amendment Letter No. J-11011/267/2007-IA II (I) dated 09.08.2010 & 23.08.2012 and Ministry's EC letter No. J-11011/267/2007-IA II (I) dated 26.12.2019 to M/s MSP Steel & Power Ltd and Ministry's EC letter No. J-11011/267/2007.IA.II(I) dated 28th November, 2022.

(iv) Inspection Report of the Ministry dated 19th April 2023

This has reference to the letter submitted by IRO, Raipur Nagar vide Ref. No. 5-189/2009 (ENV) /487, 5-189/2009 (ENV) /932 & 5-189/2009 (ENV) /1025 dated 19.01.2022, 21.09.2022 & 09.11.2022 (Copy enclosed), where in the IRO has provided verification report on the ATR submitted by M/s MSP Steel & Power Ltd.

2. Environmental Clearance has been issued to the project by Ministry vide EC letter No. J-11011/267/2007-IA II (I) dated 02.04.2009, EC Amendment Letter No. J-11011/267/2007-IA II (I) dated 09.08.2010 & 23.08.2012, Ministry's EC letter No. J-11011/267/2007-IA II (I) dated 26.12.2019 and EC letter No. J-11011/267/2007.IA.II(I) dated 28th November, 2022.

Received 19/5/23

3. The extant project of M/s MSP Steel & Power Ltd was monitored by the Regional Office of MoEF&CC at Raipur on 21.10.2021. The site inspection report was submitted to the Ministry vide letter dated 19.01.2022 wherein, various non-compliances were observed. As asked by the Ministry, ATR was submitted by PP vide letter dated 10.05.2022. Ministry vide letter dated 11.07.2022 requested IRO, Raipur to verify the submission of PP. IRO, Raipur again inspected the project on 26.07.2022 and submitted latest inspection report vide letter dated 21.09.2022, wherein again various non-compliance were observed.

4. In the meantime vide letter dated 03.10.2022, PP had submitted point-wise reply along with all the documental proof, which was verified by the IRO confirming to the compliance of all the EC conditions vide letter dated 09.11.2022.

5. For confirmation on compliance status of the project, site inspection was undertaken by undersigned on 28.03.2023 wrt all the ECs issued to the project till date except for EC date March 2023, which is issued recently. As observed during this inspection undertaken by undersigned, the project is complying with all the prescribed EC conditions. Wherever required for the purpose of confirmation, all the documental proofs were submitted.

6. Accordingly, no further action is being contemplated in the matter at present by the Ministry. However, M/s MSP Steel & Power Ltd shall continue with submission of updated six monthly compliance report for the said project with respect to ECs granted by the Ministry.

7. It is to be noted that this letter is subject to the review of documents/information submitted by PP, which at any stage if found to be false/misleading will make the PP liable for action under Environment (Protection) Act, 1986 which *inter-alia* include action under section 5, 15, 19 of the Act.

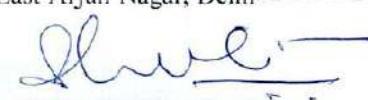
This issues with the approval of the Competent Authority.



(Dr. Shruti Rai Bhardwaj)
Director/Scientist 'F'

Copy to:

1. Deputy Director General of Forests (C), Ministry of Env., Forest and Climate Change, Integrated Regional Office, Aranya Bhawan, North Block, Sector-19 Naya Raipur, Atal Nagar, Chhattisgarh - 492002.
2. The Member Secretary, Chattisgarh Pollution Control Board, Commercial Complex, Chhattisgarh Housing Board Colony, Kabir Nagar, Raipur(C.G.)
3. The Chairman, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi-110032.
4. The Member Secretary, Industry-I, MoEF&CC, New Delhi-03



(Dr. Shruti Rai Bhardwaj)
Director/Scientist 'F'

Environment Statement Report

Annex-XVII



MSP STEEL & POWER LIMITED
Corporate Office: 16/S, Block-A, New Alipore, Kolkata-700 053. Phone: 033-4005 7777
Fax: 033 2398 2239 | E-mail: contactus@mspsteel.com | Website: www.mspsteel.com

27th Sep. 2024

To,

The Member Secretary,
Chhattisgarh Environment Conservation Board,
Paryawas Bhawan, Sector 19,
Atal Nagar, Raipur (C.G.)
Email:hocecb@gmail.com

**Sub. Submission of Environment Statement for the financial year ending
the 31st March 2024.**

Respected Sir,

We hereby submit the environmental statement of our plant M/s MSP Steel & Power Ltd. for the FY ending on 31st March 2024 in compliance with the conditions stipulated in our consent to operate issued by your office under the Water (Prevention and Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention and Control of Pollution) Act, 1981. This statement provides detailed information regarding water consumption, raw material consumption and measures adapted by us to minimize pollution and the action taken towards sustainable practices.

We kindly request you to acknowledge the receipt of this submission.

Thank you for your continued guidance and support in helping us ensure a cleaner and more sustainable environment.

Yours Faithfully

For MSP Steel & Power Ltd.

Prashant Pandey
**Prashant Pandey
Sr. General Manager-Corporate coordination.**



Encl.: As above

Copy to – The Regional Officer, Chhattisgarh Environment Conservation Board, Raigarh (C.G.)

Third Party Fly Audit Report Submission copy

Annex-XVIII



MSP STEEL & POWER LIMITED

Corporate Office: 16/S, Block-A, New Alipore, Kolkata-700 053. Phone: 033-4005 7777
Fax: 033 2398 2239 | E-mail: contactus@mspsteel.com | Website: www.mspsteel.com

o/c

To,

9th Aug., 2024

The Regional Officer,
Regional Office, Chhattisgarh Environment Conservation Board,
TV Tower Road,
Raigarh (C.G.)
Email: roraigarh.cecbl@gmail.com

Sub.: Submission of flyash audit report for the year 2023-24.

Ref. : Your letter no. 68 dated 09.04.2024.

Our letter dated 12th April 2024, sent through email.

Dear Sir,

With reference to your above letter, we wish to inform you that we already submitted annual (2023-24) report of flyash generation and utilisation in your prescribed format through email vide our letter dated 12th April 2024.

Now, in compliance with your directives issued vide above referred letter, we are submitting herewith audit report of the same. This audit has been conducted by NIT, Rourkela.

This is for your kind information, review and record please.

Kindly acknowledge the receipt of this letter.

Thanking You
Yours Faithfully
For MSP Steel & Power Ltd.


Prashant Pandey
Sr. General Manager-Corporate coordination.

Encl.: As above.

