

SBPIL/TILDA/ENV/25-26/0694

Date: 27.06.2025

To
The Regional Officer,
Integrated Regional Office,
Ministry of Environment and Forest, Climate Change
Ground Floor Aranya Bhavan, North Block, Sec- 19
Atal Nagar, Naya Raipur (C.G.) - 492002

**Sub: Submission of Six-monthly Compliance Report for the period October 24-
March 25.**

**Ref: Environmental Clearance vide letter No. F.No.J-11011/394/2009-IA II (I)
dated 23.05.2012, and Amendment in Environmental Clearance vide letter
No. F. No. - J-11011/394/2009-IA II (I) dated 06.09.2016 and Extension
Vide letter No. F. No. J-11011/394/2009-IA II (I) dated 12/07/2019 From
Govt. of India, Ministry of Environment and Forests and Climate Change, for
Shri Bajrang Power & Ispat Ltd., Village -Tandawa & Kundru, Tehsil- Tilda,
Raipur (C.G.).**

Dear Sir,

With reference to above cited subject, please find enclosed herewith Six monthly Compliance Report for the period **October 24 - March 25**, along with all supporting documents as required by your good office in compliance of the Environmental Clearance granted by Ministry of Environment & Forests and Climate Change (MoEF & CC), New Delhi vide letter No. **F.No.J-11011/394/2009-IA II (I) dated 23.05.2012** and Amendment in Environmental Clearance vide letter No. **F. No.- J-11011/394/2009-IA II (I) dated 06.09.2016** and Extension Vide letter No. **F. No. J-11011/394/2009-IA II (I) dated 12/07/2019**.

We hope, you will find the above in order.

Thanking you,

For SHRI BAJRANG POWER & ISPAT LTD.
(TILDA DIVISION)



Authorized Signatory

Encl: As Mentioned Above

- CC- 1. Regional officer, Chhattisgarh Environment Conservation Board, New Office Building, Ring Road No. 2 Tatibandh Raipur (C.G.)
2. Member Secretary, Chhattisgarh Environment Conservation Board, North Block, Sector-19, Atal Nagar Raipur, Chhattisgarh.

COMPLIANCE REPORT OF SPECIFIC & GENERAL CONDITIONS OF THE ENVIRONMENTAL CLEARANCE GRANTED BY MINISTRY OF ENVIRONMENT AND FORESTS, NEW DELHI FOR EXPANSION OF IRON ORE BENEFICIATION PLANT AND PELLETIZATION PLANT (INTEGRATED STEEL PLANT) BY M/S. SHRI BAJRANG POWER AND ISPAT LIMITED AT VILLAGE: TANDWA& KUNDRU, TEHSIL TILDA, DISTRICT RAIPUR (C.G).

REF: F. NO. J-11011/394/2009-IA II (I) DATED 23/05/2012. & Amendment vides F. NO. J-11011/394/2009-IA II (I) DATED 06/09/2016 and Extension Vide F. NO. J-11011/394/2009-IA II (I) DATED 12/07/2019

1. SPECIFIC CONDITIONS & THEIR STATUS

Sr.No.	Compliance Conditions	Compliance Status as on 31/03/2025
i	Measures shall be taken to mitigate particulate matter levels in the ambient air and a time-bound action plan should be submitted. Continuous stack monitoring facilities for all the stacks should be provided and sufficient air pollution control devices viz. Electrostatic precipitator (ESP), bag house, bag filters etc. should be provided to keep the emission levels below 50 mg/Nm ³ and adopting energy-efficient technology.	All efforts are being made to mitigate particulate matter levels in the Ambient Air like installation and effective operation of ESP, Bag Filters, covered conveyors, Mist Water spray System, fixed and movable water sprinklers, construction of RCC road and their regular cleaning by Mechanical sweeping machine and water sprinkling on these by water tankers, development of extensive green belt etc. and maintaining stack emission well within the prescribed limits. We have provided Online Continuous stack monitoring facilities on all the stacks. Effective and Sufficient energy-efficient Technology have been adopted.
ii	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16 November 2009 should be followed.	Agreed and being complied. Ambient Air Quality Emission standards are being maintained well within the prescribed norms.
iii.	Gaseous emission levels including secondary fugitive emissions from all the sources should be controlled within the latest permissible limits issued by the Ministry and regularly monitored.	Gaseous emission as well as secondary fugitive emission are being controlled and maintained by the effective operation of installed air pollution control equipments like bag filters, dedusting systems, Mist water spray system etc. within the latest prescribed limits and same are being monitored by outside authorized agency. Fugitive monitoring report attached as Annexure -I
iv.	Vehicular pollution due to transportation of raw material and finished product should be controlled. Proper arrangements should also be made to control dust emissions during	All the internal roads are RCC/ concrete based. At present, all these concrete roads are being cleaned by Mechanical Road Sweeping machine as well as manually and water is being sprinkled on same roads by own water

	loading and unloading of the raw material and finished product.	tankers on regular basis, to avoid Vehicular pollution. At loading & unloading area, water sprinkling arrangement like fixed & movable water sprinklers are already installed to control dust emission during handling of Raw materials, finished products and generated solid wastes. All the conveyor belt system right from unloading point up to Ground hopper are totally closed and mist water spraying system installed on these, to control fugitive emission.
v.	Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as crusher zone, loading and unloading point and all transfer points during handling of the ore. Extensive water sprinkling shall be carried out on roads. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.	Regular water sprinkling is being done by water tankers, fixed & movable water sprinklers, on all the internal roads, yards and at other desired locations. We have also installed Mist water spray system in all covered conveyer belts of critical areas such as crushing zone, Material loading and unloading points and all transfer points during handling of Ore. Apart from it Intermittently cleaning of roads are being done by Mechanical sweeping machine and water sprinkling on these, by own water tankers on regular basis. Ambient Air Quality parameters prescribed by the Central Pollution Control Board are being maintained well within the prescribed norms.
vi.	Prior 'permission' for the drawl of water from the department should be obtained. Efforts should be made to make use of rain water harvested. If needed, capacity of the reservoir should be enhanced to meet the maximum water requirement. Only balance water requirement should be met from other sources.	Permission for drawl of 5.4 MCM water annually from Shivnath River has already been obtained from Water Resource Dept., Govt. of Chhattisgarh vide their letter no. 5667/302/WR/TECH/03/IWS/D-4 dtd 19.08.2010. At present, SBPIL has surrendered to Water resources department to the tune of 2.7 MCM water allocated in phase - II for our Integrated steel plant through our vide letter no. SBPIL/TLD/2020-21/2011 dtd. 21.09.20. Further that, 06 Nos Rain Water Harvesting systems have been installed at different location of plant area. Apart from that we have enhanced the capacity of water reservoir tank for store the maximum water requirement.
vii	'Zero' effluent discharge should be strictly followed and no wastewater should be discharged outside the premises.	Zero effluent discharge is being maintained. Industrial Discharge Water is being treated in installed ETP of 80 KL capacity inside plant premises and treated water is being used in dust suppression & Plantation purposes. Domestic waste water is being treated in installed STP of 40 KL capacity and same is also being used for plantation and Dust suppression purpose. No any Treated or

		untreated water is being discharged outside of the plant premises.
viii	Regular monitoring of influent and effluent surface, sub-surface and ground water should be ensured and treated wastewater should meet the norms prescribed by the State Pollution Control Board or described under the Environment (Protection) Act 1986 which ever are more stringent. Leachate study for the effluent generated and analysis should also be regularly carried out and report submitted to the Ministry 's Regional Office at Bhopal, SPCB and CPCB.	<p>We are carrying out the analysis of plant discharge water and ground water quality by outside authorized agency and submitting the reports to concerned authorities timely.</p> <p>Leachate study is being carried out by NABL, Accredited Third party.</p> <p>Note: Reports are being submitted to Integrated Regional Office, MoEF&CC, Aranyabhawan, North Block, Sector- 19, Naya Raipur, Raipur Chhattisgarh.</p>
ix	The reject generated during the beneficiation process shall be stacked at earmarked dump site only and it should not be kept active for a long period and their phase-wise stabilization shall be carried out. The maximum height of the dumps shall not exceed 30m having 3 terraces of 10m each and the overall slope of the dump shall be maintained to 28°. The dump should be scientifically vegetated with suitable native species to prevent erosion and surface run off. The reject dump shall be suitably rehabilitated with coco-coir/geo textile to prevent erosion and prevention of fine particles getting airborne. Compliance status shall be submitted to the Ministry of Environment & Forests and its Regional Office located at Bhopal on six monthly bases.	<p>We would like to inform you that we have adopted Paste Thickener Technology in our Beneficiation unit, which is most eco- friendly technology in terms of generation & disposal of solid waste and also helping in conservation of natural resources (Such as water).However, at present the reject, generated during the Beneficiation process is being stacked at their designated place, as suggested for the short period and is being disposed of timely. The dump height, slope & terraces etc. are being maintained as per prescribed norms. The maximum height of dump is being maintained 30 meters in 3 stages and overall slop of dump are not exceed 28°. Compliance conditions are being complied and submitted to the concerned authority timely.</p> <p>Note: Report are being submitted to Integrated Regional Office, MoEF&CC, Aranybhawan, North Block, Sector- 19, Naya Raipur, Raipur Chhattisgarh.</p>
x	Catch drains and siltation ponds of appropriate size shall be constructed around the reject dump to prevent run off of water and flow of sediments directly into the water body. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after the monsoon and maintained properly.	<p>Agreed and being followed.</p> <p>From Beneficiation process, some quantity of collected water is being re-utilized in Process in recirculating manner and balance is being utilized for water sprinkling on roads, green Belt development etc.</p> <p>The drains are being desilted in particular period, after the monsoon and maintained in good condition.</p>

xi	<p>Garland drains, settling tanks and check dams of appropriate size, gradient and length shall be constructed around the reject dump to prevent run off of water and flow of sediments directly into the Baitarani River and other water bodies and sump capacity should be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper settling of all material. Sedimentation pits shall be constructed at the corners of the garland drains and desilted at regular intervals.</p>	<p>We have constructed Garland drains, settling tanks and check dams of appropriate size, around the reject dump storage area, to prevent run off of water and flow of sediments directly into the any water body.</p> <p>We would like to inform that there is no River within the 10 Km radius. While Shivrath River is flowing at a distance of 13.5 Kms from the Plant. Also, Baitarani River is passing from Keonjhar (Orissa State), not from Chhattisgarh state.</p>
xii	<p>The tailing pond/slime pond shall be lined with impervious lining. The garland drain shall be constructed around the tailing/slime pond.</p>	<p>Agreed and being complied.</p> <p>The Tailing pond has been lined with impervious lining. We are pleased to inform you that we have adopted Paste Thickener Technology, which is an eco-friendly process i.e. water conservation process. The garland drains have been constructed around the tailing/slime pond.</p>
xiii	<p>The ground water quality around the tailing pond/slime pond shall be monitored regularly and records maintained.</p>	<p>Ground water quality around the tailing pond/slime pond is being monitored regularly and records are being maintained.</p>
xiv	<p>The decanted water from the tailing/slime pond shall be re-circulated and there should be zero discharge from the slime/tailing pond.</p>	<p>We are pleased to inform you that we have adopted Paste Thickener Technology, which is an eco-friendly process i.e. water conservation process. Decanted water from the Paste Thickener process is being re-circulated and no water is being discharge neither inside nor outside the plant premises, hence zero discharge is being maintained by us.</p>
xv	<p>The ground water quality around the tailing/ slime pond shall be monitored regularly. The monitoring network shall be designed in consultation with State Ground Water Board /Central Ground Water Authority. There shall be at least one monitoring station between the tailing/slime pond and the river.</p>	<p>The ground water quality, around the tailing/ slime pond is being monitored regularly. There is no any river near the plant.</p>

xvi	<p>Proper handling, storage, utilization and disposal of all the solid waste should be ensured and regular report regarding toxic metal content in the waste material and its composition, end use of solid/hazardous waste should be submitted to the Ministry's Regional Office at Bhopal, SPCB and CPCB.</p>	<p>All generated solid wastes are being disposed of in safe & scientific manner.</p> <p>Generated fly ash from power plant is being utilized in our own Fly Ash Bricks Plant and balance if, is being supplied to other Fly Ash Bricks manufacturers.</p> <p>Generated Dolochar is being used in our own AFBC based Power Plant (09 MW) and surplus, if any, is being utilized in our SBPIL Gondwara Unit16MWCoal based power plant.</p> <p>Generated Hazardous waste - Used Oil is being used within the Plant for lubrication of Belt Conveyors, Chain drives etc. surplus quantity, if any, shall be sold to authorized recycler.</p> <p>Generated Resin from DM plant is being utilized for energy recovery in Power plant and DRI kiln of Sponge Iron for captive use within premises.</p> <p>Tailing is being sold to Cement manufacturing units.</p> <p>Phenolic water is being sprinkled in ABC of our Sponge Iron Kiln. Also, we have carried out Chemical Analysis of Fly Ash and Dolochar and reports are already submitted to concerned authorities.</p>
xvii	<p>A Disaster Management Plan should be prepared and a copy submitted to the Ministry's Regional Office at Bhopal, SPCB and CPCB within 3 months of issue of environment clearance letter.</p>	<p>We have already submitted Disaster Management Plan to the concerned authorities.</p>
xviii	<p>Green belt shall be developed in at least 33% of plant area as per the CPCB guidelines in consultation with the DFO.</p>	<p>Our horticulture team with consultation of DFO has developed green belt and Extensive plantation is being carried out in 34% of the plant area, as per CECB guideline. We have already covered 34% green belt of our plant area. So far, we have planted around 1,27,300 Nos. within the plant premises.</p>
xix	<p>At least 5% of the total cost of the project should be earmarked towards the Enterprise Social Commitment based on locals need and item-wise details along with time bound action plan should be</p>	<p>CSR works are being done by our group, as per prevailing norms of companies Act & Rules as applicable. Which has covered the need-based development work for benefit of people at nearby villages.</p>

	prepared and submitted to the Ministry's Regional Office at Bhopal. Implementation of such program should be ensured accordingly in a time bound manner.	
xx	The company shall provide housing for construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, 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.	Our Plant is in operation from 14-03-2013. Workers engaged in construction works were from nearby villages, however necessary infrastructure and facilities like Toilets, drinking water facility, Canteen, well equipped Occupational Health Centre etc. are provided at Plant premises.
xxi	The Company shall submit within three months their policy towards Corporate Environment Responsibility' which should inter-alia address (i) Standard operating process/ procedure 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 noncompliance/violation environmental norms to the Board of Directors of the company and/or stakeholders or shareholders.	Agreed and being followed. We have a well laid Hierarchical system or Administrative order of the Company to deal with all environmental issues. Copy of CSR Policy is already submitted to MoEF, Regional office, Nagpur. We have in place system of reporting of noncompliance/violation of environmental norms to the Board of Directors of company.



B. GENERAL CONDITIONS:

Sl. No.	Conditions Laid Down by MoEF	Compliance by SBPIL
i	The project authorities must strictly adhere to the stipulations made by the Chhattisgarh Environment Conservation Board (CECB) and the State Government.	Agreed and being complied.
ii.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.	Noted and agreed. No further expansion or modification will be carried out without permission of MoEF&CC.
iii.	At least four ambient air quality monitoring stations shall be established in the downward direction as well as where maximum ground level concentration of PM10, SO2 and NOx are anticipated in consultation with the CECB including one ambient air quality monitoring station in the down wind direction. 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.	For plant area, Ambient Air quality monitoring, 04 Nos. Continuous online Ambient Air quality monitoring stations has been installed at desired locations within plant premises and all are working effectively. Simultaneously, for stack emission monitoring, we have installed Continuous online stack emission monitoring systems on all RCC stacks of SID with WHRB & on Pellet plant stack, MS Stack of Ferro Alloys plant, AOD Converter and Galvanizing plant. All the systems are connected with the server of CPCB as well as CECB, Raipur (C.G.). Data on ambient air quality and stack emission are being submitted to the concerned authorities timely. Monitoring Report is enclosed as Annexure- II.
iv.	Industrial waste water shall be properly collected, treated so as to confirm to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.	Agreed and being complied. The industrial waste water (phenolic Water) about 03 M ³ /Day generated from Coal Gasifier unit of our Pellet plant is being sprinkled in ABC of Sponge Iron kiln. Discharged industrial Waste water is being treated in ETP of 80 KL capacity and after treatment water is being used for dust suppression and plantation.

v.	<p>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 confirm to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night time).</p>	<p>Agreed and being followed.</p> <p>Suitable steps like installation of low noise generation equipments, regular lubrication of running equipments, to reduce noise level, etc. has been taken to maintain the noise level within the prescribed norms. Personal protective equipment (PPEs) like ear plugs etc. are being issued to concerned employees of noise prone area, by us.</p> <p>Copy of noise monitoring reports is attached as Annexure III.</p>
vi.	<p>Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.</p>	<p>Agreed and being complied.</p> <p>OHS activities like Health & medical check-up camps for plant employees are being organized on regular basis.</p> <p>Also, records are being maintained as per Factories Act.</p>
vii.	<p>The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.</p>	<p>Agreed and being complied.</p> <p>06 Nos Rain Water Harvesting systems have been installed at different locations of plant area for the recharge of ground water level.</p>
viii.	<p>The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programs, educational programs, drinking water supply and health care etc..</p>	<p>Agreed and being followed.</p> <p>We are complying with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Our company has already been undertaking socio-economic development activities in the surrounding villages like community development programs, educational programs, drinking water supply and health care etc.</p>
ix.	<p>Requisite amount shall be earmarked towards the capital cost and recurring cost/annum for environmental protection measures and judiciously utilized to implement the conditions stipulated by the Ministry of</p>	<p>Agreed and being Complied.</p>

	Environment and Forests as well as the State Government. The funds so provided shall not be diverted for any other purpose.	
x.	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad / Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions / representation, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	Agreed and being followed. Copy of Environment clearance already sent to all concerned department Authority.
xi.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF, the respective Zonal Office of CPCB and the CECB. The criteria pollutant levels namely; PM10, SO2 and NOx ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Agreed and being followed. We are uploading status of compliance of the stipulated environment clearance conditions, including results of monitored data on our website and updating these times to time and same are being sent to the concerned offices. All the criteria Pollutants levels as well as other parameters results are being displayed on display board near the main gate of the company.
xii.	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF at Bhopal, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Bhopal / CPCB / CECB shall monitor the stipulated conditions.	Agreed and being followed. Six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data are being regularly submitted to the concerned authority in both hard copies as well as sent by e-mail.

xiii.	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company alongwith the status of compliance of environmental conditions and shall also be sent to the respective Regional Offices of the MOEF by E-mail.	Agreed and being Complied. The environmental statement for each financial year ending 31st March in Form-V is being submitted timely in to the concerned authorities timely. Last year (for FY 2023-24) submission of Form-V on vide letter no. SBPIL/TILDA/ENV/24-25/1115 Date: 26.09.2024
xiv.	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 in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional office at Bhopal.	Agreed. We have already published the details regarding the Environment Clearance in two local newspapers. Copies of these advertisements have been submitted to the Regional Office, Nagpur. Supporting documents are enclosed as Annexure IV.
xv.	Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	Agreed and being complied. We have Already informed to all concerned authorities.





TEST REPORT

Sample Number: VTL/FD/01
 Name & Address of the Party: M/s SHRI BAJRANG POWER AND ISPAT LTD.
 Kh No. 521/44, VILL- TANDAWA,
 DHARSIWA- TILDA ROAD, TEHSIL- TILDA,
 RAIPUR (C.G.) -493116

Report No.: VTL/FD/2411300009
 Format No.: 7.8 F 02
 Party Reference No.: NIL

Sample Description: Fugitive Emission Monitoring

Report Date: 05/12/2024
 Period of Analysis: 30/11/2024-05/12/2024
 Receipt Date: 30/11/2024

General Information:-

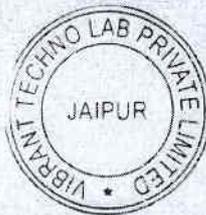
Sampling Location : Near Ash Silo
 Sample collected by : VTL Team
 Sampling Equipment used : HVS
 Instrument Code : VTL/HVS/01
 Latitude : 21.486441
 Longitude : 81.769153
 Meteorological condition during monitoring : Clear sky
 Date of Sampling : 24/11/2024
 Time of Sampling : 07:30 to 15:30 Hrs.
 Ambient Temperature (°C) : Min. 28°C, Max. 32°C
 Surrounding Activity : Human, Vehicular & Plant Activities
 Method of Sampling : IS-5182 & CPCB Guidelines
 Sampling Duration : 8 hrs.
 Parameter Required : As Per Work Order

Results

S. No.	Parameter	Protocol	Result	Unit	Limit
1.	Suspended Particulate Matter (SPM)	VTL/STP/02/STP/01	786.0	µg/m ³	2000

-----End of the Report-----

Checked By



RK Yadav
 Lab Incharge
 Authorized Signatory

Pages 1 of 1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Vibrant Techno Lab Pvt. Ltd.

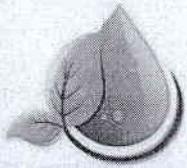
SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj, 302020

9929103691, 9810205355, 8005707098, 9549956601

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TEST REPORT

Sample Number: VTL/FD/02
Name & Address of the Party: M/s SHRI BAJRANG POWER AND ISPAT LTD.
Kh No. 521/44, VILL- TANDAWA , DHARSIWA-
TILDA ROAD, TEHSIL- TILDA, RAIPUR (C.G.)
493116

Report No.: VTL/FD/2411300010
Format No.: 7.8 F 02
Party Reference No.: NIL

Sample Description : Fugitive Emission Monitoring

Report Date: 05/12/2024
Period of Analysis: 30/11/2024-05/12/2024
Receipt Date: 30/11/2024

General Information:-

Sampling Location : Near Banification Plant
Sample collected by : VTL Team
Sampling Equipment used : HVS
Instrument Code : VTL/HVS/02
Latitude : 21.484683
Longitude : 81.772484
Meteorological condition during monitoring : Clear sky
Date of Sampling : 24/11/2024
Time of Sampling : 08:00 to 16:00 Hrs.
Ambient Temperature (°C) : Min. 28°C, Max. 32°C
Surrounding Activity : Human, Vehicular & Plant Activities
Method of Sampling : IS-5182 & CPCB Guidelines
Sampling Duration : 8 hrs.
Parameter Required : As Per Work Order

Results

S. No.	Parameter	Protocol	Result	Unit	Limit
1.	Suspended Particulate Matter (SPM)	VTL/STP/02/STP/01	860.0	µg/m ³	2000

-----End of the Report-----

Checked By



RK Yadav
Lab Incharge
Authorized Signatory

Pages 1 of 1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Vibrant Techno Lab Pvt. Ltd.

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TEST REPORT

Sample Number: VTL/FD/03
Name & Address of the Party: M/s SHRI BAJRANG POWER AND ISPAT LTD.
Kh No. 521/44, VILL- TANDAWA ,
DHARSIWA- TILDA ROAD, TEHSIL- TILDA,
RAIPUR (C.G.) 493116

Report No.: VTL/FD/2411300011
Format No.: 7.8 F 02
Party Reference No.: NIL

Sample Description : Fugitive Emission Monitoring

Report Date: 05/12/2024
Period of Analysis: 30/11/2024-05/12/2024
Receipt Date: 30/11/2024

General Information:-

Sampling Location : Near Raw Material Yard
Sample collected by : VTL Team
Sampling Equipment used : HVS
Instrument Code : VTL/HVS/01
Latitude : 21.493157
Longitude : 81.775055
Meteorological condition during monitoring : Clear sky
Date of Sampling : 25/11/2024
Time of Sampling : 02:00 to 17:00 Hrs.
Ambient Temperature (°C) : Min. 28°C, Max. 32°C
Surrounding Activity : Human, Vehicular & Plant Activities
Method of Sampling : IS-5182 & CPCB Guidelines
Sampling Duration : 8 hrs.
Parameter Required : As Per Work Order

Results

S. No.	Parameter	Protocol	Result	Unit	Limit
1.	Suspended Particulate Matter (SPM)	VTL/STP/02/STP/01	748.0	µg/m3	2000

-----End of the Report-----

Checked By



RK Yadav
Lab Incharge
Authorized Signatory

Pages 1 of 1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Vibrant Techno Lab Pvt. Ltd.

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TEST REPORT

Sample Number: VTL/FD/04
Name & Address of the Party: M/s SHRI BAJRANG POWER AND ISPAT LTD.
Kh No. 521/44, VILL- TANDAWA , DHARSIWA-
TILDA ROAD, TEHSIL- TILDA, RAIPUR (C.G.)
493116

Report No.: VTL/FD/2411300012
Format No.: 7.8 F 02
Party Reference No.: NIL

Sample Description : Fugitive Emission Monitoring

Report Date: 05/12/2024
Period of Analysis: 30/11/2024-05/12/2024
Receipt Date 30/11/2024

General Information:-

Sampling Location : Near SID Cooler Discharge Area
Sample collected by : VTL Team
Sampling Equipment used : HVS
Instrument Code : VTL/HVS/02
Latitude : 21.487669
Longitude : 81.769348
Meteorological condition during monitoring : Clear sky
Date of Sampling : 25/11/2024
Time of Sampling : 09:30 to 17:30 Hrs.
Ambient Temperature (°C) : Min. 28°C, Max. 32°C
Surrounding Activity : Human, Vehicular & Plant Activities
Method of Sampling : IS-5182 & CPCB Guidelines
Sampling Duration : 8 hrs.
Parameter Required : As Per Work Order

Results

S. No.	Parameter	Protocol	Result	Unit	Limit
1.	Suspended Particulate Matter (SPM)	VTL/STP/02/STP/01	710.0	µg/m3	2000

-----End of the Report-----

Checked By



RK Yadav
Lab Incharge
Authorized Signatory

Pages 1 of 1

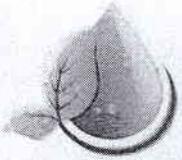
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Vibrant Techno Lab Pvt. Ltd.

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TEST REPORT


VIBRANT
experience the unimaginable

Sample Number: VTL/AA/01-04

Name & Address of the Party: M/s SHRI BAJRANG POWER AND ISPAT LTD.
Kh No. 521/44, VILL- TANDAWA, DHARSIWA-
TILDA ROAD, TEHSIL- TILDA, RAIPUR (C.G.)
493116

Report No.: VTL/A/2411300009-12

Format No.: 7.8 F 02

Party Reference No.: NIL

Report Date: 05/12/2024

Period of Analysis: 30/11/2024-05/12/2024

Receipt Date: 30/11/2024

Sample Description: Ambient Air Quality Monitoring

General Information:-

Date of Sampling : 24-25/11/2024

Sample collected by : VTL Team

Instrument Calibration Status : Calibrated

Meteorological condition during monitoring : Clear sky

Surrounding Activity : Human, Vehicular & Other Activities

Scope of Monitoring : Regulatory Requirement

Sampling & Analysis Protocol : IS-5182 & CPCB Guidelines

Latitude : 21.487669

Longitude : 81.769348

Sampling Duration : 24 hrs.

Parameter Required : As Per Work Order

Sr.	Sampling Location	PM 10 ($\mu\text{g}/\text{m}^3$)	PM 2.5 ($\mu\text{g}/\text{m}^3$)	NO2 ($\mu\text{g}/\text{m}^3$)	SO2 ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
1.	Near SID Cooler Discharge	90.59	46.17	33.45	18.64	0.82
2.	Near Main Gate	85.15	42.48	29.32	15.28	0.69
3.	Near Admin Building	70.76	36.76	25.29	14.83	0.74
4.	Near Raw Material Yard	83.12	44.51	31.76	17.67	0.86
	Limit	100	60	80	80	4
	Protocol	IS:5182 (P-23)2006, RA 2017	IS:5182 (P-24)2019	IS:5182 (P-6)2006	IS:5182 (P-2)2001	IS:5182 (P-10)NDIR

-----End of the Report-----

Checked By

 RK Yadav
 Lab Incharge
 Authorized Signatory

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Vibrant Techno Lab Pvt. Ltd.

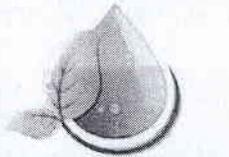
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**VIBRANT**

"Eco Sample Numberable"

TEST REPORT

Sample Number: VTL/ N/01-06
 Name & Address of Party: M/s SHRI BAJRANG POWER AND ISPAT LTD.
 Kh No. 521/44, VILL- TANDAWA , DHARSIWA-
 TILDA ROAD, TEHSIL- TILDA, RAIPUR (C.G.)
 493116
 Sample Description : Ambient Noise Level Monitoring

Report No.: VTL/N/2411300009-14
 Format No.: 7.8 F-04
 Party Reference No.: NIL
 Report Date: 05/12/2024
 Receipt Date: 30/11/2024

General Information:-

Sample collected by : VTL Team
 Instrument Used : Sound Level Meter
 Instrument Calibration Status : Calibrated
 Instrument Code : VTL/SLM/01-06
 Meteorological condition during monitoring : Clear Sky
 Scope of Monitoring : Regulatory Requirement
 Sampling & Analysis Protocol : IS 9989-1981 RA: 2020
 Parameter Required : As per Work Order

S. No.	Location	Date	Test Parameter	Test Result dB (A)	
				Day Time	Night Time
1.	Near SID Cooler Discharge Area	24-25/11/2024	Leq	70.8	68.2
2.	Near Raw Material Yard	24-25/11/2024	Leq	69.7	54.6
3.	Near Power Plant	24-25/11/2024	Leq	65.1	51.8
4.	Near Main Gate	24-25/11/2024	Leq	66.8	50.7
5.	Near Pallet Plant	24-25/11/2024	Leq	68.2	53.4
6.	Near Banification Plant	24-25/11/2024	Leq	72.9	58.6

Category of Zones	Leq in dB (A)	
	Day	Night
Industrial	75	70
Commercial	65	55
Residential	55	45
Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.
 2. Night Time is reckoned between 10.00 PM to 6.00 AM.
 3. Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.
 Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply


 Checked By



RK Yadav


 Lab Incharge
 Authorized Signatory

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रामाचार खोला

, शुक्रवार, 15 अक्टूबर, 2010

आम सूचना

सर्वसाधारण को यह सूचित किया जाता है कि हमारे आने वाले एकीकृत इस्पात संयंत्र जिसमें कि पेलेटाइजेशन प्लांट-06 एमटीपीए, हाट री-रॉलिंग मिल-04 एमटीपीए, कोल ग्राहरी-2.4 एमटीपीए, केपिटव पावर प्लांट-125 मेगावाट, स्टील पोस्टिंग शॉप-एलिट्रॉनिक्स कर्मिटरा मशीन के साथ-1.0 एमटीपीए, कोक-ओवन चेंटी-0.5 एमटीपीए, सिन्टर प्लांट-0.7 एमटीपीए, ब्रूास्ट फर्नेस-0.55, एमटीपीए अक्सिजन प्लांट-500 टोपीडी, स्विज आयरन प्लांट-0.6 एमटीपीए, फेरा एलाइज प्लांट-36000 टोपीए, आयर्न और खनीयकरण प्लांट-0.6 एमटीपीए आदि को स्थापना हेतु पर्यावरण एवं वन मंत्रालय, भारत सरकार द्वारा 06 अक्टूबर 2010 को पर्यावरणीय स्वीकृति प्रदान कर दी गयी है।

पर्यावरणीय स्वीकृति को प्रति छत्तीसगढ़ राज्य पर्यावरण संरक्षण मण्डल कार्यालय की उपलब्ध है तथा इसे पर्यावरण एवं वन मंत्रालय, भारत सरकार के वेबसाइट <http://envfor.nic.in> पर भी देखा जा सकता है।

संचालक

श्री बजरंग पांडव
एण्ड इम्प्यात लिमिटेड

