

Compliance of Condition of Environment Clearance

No. J-11011/780/2008-IA II (I) Dated 30-12-2010

For the period of 1-10-2021 To 31-3-2022

SPECIFIC CONDITIONS :

S. No.	Specific Conditions	Compliance by Unit
i.	Compliance to all the specific and general conditions stipulated for the existing plant by the Central/State Government shall be ensured and regular reports submitted to the Ministry and its Regional Office at Bhopal.	We agree to it. We are complying with all the specific and general conditions stipulated for the existing plant by the Central/State Government.
ii.	Efforts shall 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 shall be provided and sufficient air pollution control devices viz. electrostatic precipitator (ESP, gas cleaning plant, venture scrubber, bag filters etc. shall be provided to keep the emission levels below 50 mg/Nm ³ by installing energy efficient technology.	We agree to it. DRI Kilns have been provided with Electrostatic Precipitator (ESP) With Chimney and online stack monitoring facility. The PM emission level is being maintained well within 50 mg/Nm ³ . The copy of online stack monitoring report is enclosed as
iii.	As proposed, Electrostatic precipitator (ESP) shall be provided to sinter plant, WHRB, FBC, DRI, plants; and dust catcher followed by venture scrubbers to control SPM levels within 50 mg/Nm ³ . fume extraction system shall be provided to induction furnace to control the emissions within the prescribed standards.	We agree to it. We have provided ESP to DRI Kiln and maintain PM emission level well within 50 mg/Nm ³ .
iv.	The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16 th November, 2009 shall be followed.	We agree to it. The we are complying with the standard prescribed.
v.	Gaseous emission levels including secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored. Guidelines/Code of Practice issued by the CPCB shall be followed. New standards for the sponge iron plant issued by the Ministry vide G.S.R. 414(E) dated 30 th May, 2008 should be followed.	We agree to it. The ambient air quality and fugitive emission is always being maintained within prescribed standard.
vi.	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.	We agree to it. The ESP has been provide with DRI Kilns and maintaining PM emission well within 50 mg/Nm ³ online stack monitoring have been implemented.

vii.	Total water requirement shall not exceed 2361 m ³ /d. the permission from the competent authority shall be obtained for water drawl. Efforts shall further be made to use maximum water from the rain water harvesting sources. 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 should be treated and used for ash handling, dust suppression and green belt development. No. effluent shall be discharged and 'zero' discharge shall be adopted. Sanitary sewage should be treated in septic tank followed by soak pit.	We agree to it. The entire capacity for which the EC was granted could not be implemented hence the permission for the existing working capacity has been obtained from CGWA. At present water requirement is within 93 KLD. Sanitary waste are treated in septic tank and soak pit. Over flow is sent to green Belt. Zero discharge is maintained. Layout of Zero closed circuit cooling system is enclosed as .
viii.	Efforts shall 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 shall be met from other sources.	We agree to it. We have adopted rain water harvesting practice have created approx total 200KL capacity of rain water harvesting structures in plant premises. We have implanted water Storage facility (small pond) of approx 17000 KL to Collect the rain water.
ix.	Regular monitoring of influent and effluent surface, sub-surface and ground water (including chromite) should be ensured and treated wastewater should meet the norms prescribed by the State Pollution Control Board or described under the E(P) Act whichever are more stringent. Leachate study for the effluent generated and analysis shall also be regularly carried out and report submitted to the Ministry's Regional Office at Bhopal, Chhattisgarh Environment Conservation Board (CECB) and CPCB.	We agree to it. Kindly note that in sponge iron production water is only required for cooling purpose and the cooling is being done through there will no effluent generation from sponge iron production. Coal washery is requiring water for Washing of coal. The waste water generated is being routed through setting tank and effluent treatment facility, the treated water is reused in process. Zero discharge is maintained.
x.	The water consumption shall not exceed as per the standard prescribed for the steel plant.	We agree to it.'
xi.	All the coal fines, char from DRI plant and washery rejects shall be utilized in FBC boiler of power plant and no char shall be used for briquette making or disposed off anywhere else. AFBC boiler shall be installed simultaneously along with the DRI plant to ensure full utilization of char from the beginning. Scrap shall be used in steel melting shop (SMS) and SMS slag and kiln accretions shall be properly utilized. All the other solid waste including broken refractory mass shall be properly disposed off in environment-friendly manner.	We agree to it. FBC in not yet implemented therefore Dolochar generated from DRI Kiln and washery reject from coal washery is being sold to power plants as Raw Material.

xii.	Proper utilization of fly ash shall be ensured as per Fly ash Notification, 1999 and its subsequent amendments.	We agree to it. At Present here is no fly generation.
xiii.	Vehicular pollution due to transportation of raw material and finished products shall be controlled. Proper arrangements shall also be made to control dust emissions during loading and unloading of the raw material and finished product.	We agree to it. We are using properly covered vehicles for transportation of Raw Material and products. The Vehicle older than 15 years strictly prohibited. Speed limit is strictly followed. Road Side sprinkling is regularly done.
xiv.	Transportation of raw coal during the initial phase shall be by 40-T mechanically covered or tarpaulin covered trucks from the coalmines to the washery. The raw coal, washed coal and coal wastes (rejects) shall be stacked properly at earmarked site(s) within sheds/stockyards fitted with wind breakers/shields. Adequate measures shall be taken to ensure that the stored minerals do not catch fire.	We agree to it. Transportation of coal is being done through properly covered trucks. The raw material is stacked in earmarked sheds. We are taking proper measures to avoid fire and provide fire fighting system at fire prone zones.
xv.	Hoppers of the coal crushing unit at the crushing shed and washery unit shall be fitted with high efficiency bag filters/Dust extractors and mist spray water sprinkling system shall be installed and operated effectively at all times of operation to check fugitive emissions from crushing operations, transfer points of belt conveyor systems which shall be closed and from transportation roads.	We agree to it. We have provided high efficiency bag filters at coal washery to and regularly water sprinkling is being done at dust prone areas. Enclosed closed bed conveyor have been provide to avoid fugitive dust generation.
xvi.	All internal roads shall be black topped. The roads shall be regularly cleaned with mechanical sweepers. A 3-tier avenue plantation using native species shall be developed along the roads. Facilities for parking of trucks carrying raw coal from the linked coalmines shall be created within the Unit.	We agree to it. The internal transportation road have been made pucca and black topped. The regularly sprinkling and cleaning is in practice. Green Belt have been developed along with roads sides. Parking facility for vehicles are provided for trucks carrying raw materials.

xvii.	The washery unit shall be a zero-discharge facility and no wastewater shall be discharged from the washery into the drains/natural watercourses. Recycled water shall be used for development and maintenance of green belt and in dust suppression from Plant operations.	We agree to it. Zero discharge is being maintained Treated water from ETP is recycled and reused.
xviii.	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 of solid/hazardous waste should be submitted to the Ministry Regional Office at Bhopal, CECB and CPCB.	We agree to it. There will only two solid wastes i.e. Dolochar and Washery reject, which are actually not waste, and are saleble product and we are selling this to power plant as raw material and local Briks manufacturer.
xix.	A time bound action plan shall be submitted to reduce solid waste, its proper utilization and disposal.	We agree to it.
xx.	Risk and Disaster Management Plan along with the mitigation measures shall be prepared and a copy submitted to the Ministry's Regional Office at Bhopal, CECB and CPCB within 3 months of issue of environment clearance letter.	We agree to it. The disaster management plan is prepared as a part of onsite emergency plant duly approved by Health and Safety Department CG State Government.
xxi.	As proposed, green belt shall be developed in 33% of plant area as per the CPCB guidelines in consultation with the DFO.	We agree to it. We have developed green belt at 19 Acres i-e 33 % and having 12000 trees alive at plant premises.
xxii.	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Steel Plants should be implemented.	We agree to it.
xxiii.	All the commitments made to the public during the Public Hearing / Public Consultation meeting held on 13 th April, 2010 should be satisfactory implemented and a separate budget for implementing the same should be allocated and information submitted to the Ministry's Regional Office at Bhopal.	We agree to it. The employees are insured and 4 borewell have been implemented in village Gatauri as per commitment of public Hearing.
xxiv.	At least 5% of the total cost of the project should be earmarked towards the corporate social responsibility and item-wise details along with time bound action plan should be prepared and submitted to the Ministry's Regional Office at Bhopal. Implementation of such program should be ensured accordingly in a time bound manner.	We agree to it. We are regularly contributing toward socio-economic development of surrounding areas.
xxv.	Rehabilitation and Resettlement Plan for the project affected population including tribals, if any shall be implemented as per the policy of the State Govt. in consultation with the State Govt. of Chhattisgarh. Compensation paid in any case should not be less than the norms prescribed under the National Resettlement and	We agree to it.

Rehabilitation Policy, 2007.		
xxvi.	<p>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>	<p>We agree to it. Most of the labours are local peoples therefore not need housing facilities . However we have provided housing facility for the outside labours with required amenities like cooling , mobile toilets, drinking water and medical facilities during construction period.</p>

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GENERAL CONDITIONS :

S. No.	General Conditions	Compliance
i.	The project authority shall adhere to the stipulations made by Chhattisgarh Environment Conservation Board (CECB) and State Government.	We agree to it. We are adhering all the conditions stipulated by CECB and State Government.
ii.	No further expansion or modification of the plant shall be carried out without prior approval of this Ministry.	We agree to it. We will not modify or expand the plant without prior approval of ministry.
iii.	The gaseous emissions from various process units shall conform to the load/mass based standards notified by this Ministry on 19 th May, 1993 and standards prescribed from time to time. The CECB may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location. At no time, the emission level shall go beyond the prescribed standards. Interlocking facilities shall be provided so that process can be automatically stopped in case emission level exceeds the limit.	We agree to it. We have implemented combined chimney for kiln#1 and Kiln#2 with two separate ESPs and a Separate ESP with separate Chimney in 3 rd Kiln. The online implemented in both the Chimneys. The Coal Washery has been provided with Bag Filter and 30 meter height chimney. The PM emission is being maintained well within 50 mg/Nm ³ .
iv.	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 shall conform to the standards prescribed under Environmental (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	We agree to it. The noise level are being maintained well within prescribed.
v.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	We agree to it. Occupation health surveillance is in regular practice the summary of the same is enclosed as
vi.	All the environment management measures given in the EIA/EMP shall be implemented and complied with.	We agree to it. The entire capacity of EC has not be implemented, we have implemented environment protection measures for implemented facility.

vii.	Proper house keeping and adequate occupational health programmes shall be taken up as per Factory Act.	<p>We agree to it. We have adopted good housekeeping practice inside the plant.</p> <p>Regular Sweeping of road and building is being done.</p> <p>Regular Water sprinkling in dust prone area is in practice. Measures have been taken to control fugitive dust Good green belts is provided all around the plant.</p>
viii.	The company shall undertake eco-development measures including community welfare measures in the project area.	<p>We agree to it. We are regularly contributing for socio –economic development in the surrounding communities.</p>
ix.	A separate environmental management cell to carry out various management and monitoring functions shall be set up under the control of Senior Executive.	<p>We agree to it. Environment Management cell is established which is being headed by Gen. Manager Plant, and other field and Ia staff. Environment Management Cell details as provided as</p>
x.	The requisite funds shall be earmarked towards total capital cost and recurring cost/annum for environmental pollution control measures and used judiciously to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State government. The funds so provided shall not be diverted for any other purpose.	<p>We agree to it. We have earmarked the funds for environment management program and recurring expenses.</p>
xi.	The 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>We agree to it. Financial closure for the proposed capacity for which EC was obtained could not be done as banks had not sanctioned the desired limit due to delay in sanction of consents under air act and water act by CECB. In the meantime the Steel market was under recession. We approached to MOEFCC to extend the Validity of EC but the same was not extended. So the investment was made for existing capacity.</p>
xii.	A copy of clearance letter shall be sent by the proponent to	We agree to it.

	concerned Panchayat, Zila Parishad / Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions / representations, 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.	We have sent the copies of the EC to all the mentioned authorities
xiii.	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 SPCB. The criteria pollutant levels namely; RSPM, SO ₂ NO _x (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.	We agree to it. We have uploaded copy of environment clearance and its compliance in our website www.satyapower.com We have provided manual display board at main gate regarding RSPM,SO ₂ , NOX.
xiv.	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.	We agree to it. We are submitting six monthly compliances.
xv.	The environmental statements for each financial year ending 31 st 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.	We agree to it. We are submitting environment statement of the unit.
xvi.	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 the Website of the Ministry of Environment and Forests at http://envfor.nic.in . This should 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.	We agree to it. We have published public notice on two newspaper namely Midday and Dushbandhu on dated 14.02.2011.