

Compliance to the conditions of Environmental Clearance vide letter No. F. No. J-11011/679/2008-IA II(I) dated 27-08-2010 for the period October'2022 to March'2023

Sr. No.	Conditions	Compliance
A. SPECIFIC CONDITION		
i.	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), bag filters etc. shall be provided to keep the emission levels below 50 mg/Nm ³ by installing energy efficient technology. Fume extraction system shall be provided to induction furnaces to control the emissions within the prescribed standards.	The plant facility has Induction Furnaces (IFs) with Rolling Mill. All the induction furnaces are connected to atmosphere through Fume Extraction System (Bag Filter) & high stack. Regular stack monitoring is being conducted by NABL authorized laboratories. Ambient Air Quality Station is installed and OCEMS data is connected to CPCB server.
ii.	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.	The standard issued by the Ministry vide G.S.R No. 826(E) dated 16 th November, 2009 are being followed and AAQ monitoring is being conducted in regular intervals by NABL accredited lab. AAQ Monitoring report is Attached.
iii.	Gaseous emission levels including secondary fugitive emission 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. Standards for the sponge iron plant issued by the Ministry vide G.S.R414(E) dated 30 th May 2008 shall be followed.	The unit doesn't have any Sponge Iron Unit . Fugitive emission is mitigated by regular water sprinkling and raising Green Belt. Regular AAQ monitoring & Stack monitoring being conducted. The plant doesn't have a sponge Iron unit. Fugitive emission report is Attached.
iv.	The total make up water requirement shall not exceed 1680 m ³ /d. The water consumption shall not exceed as per the standard prescribed for the steel plants. Efforts shall further be made to use maximum water from the rain water harvesting sources. All the effluent shall be treated and used for dust suppression and green belt development. No effluent shall be discharged and 'zero' discharge shall be adopted.	Presently the plant consumes water approximately 265 m ³ /day. Collected rain water is preserved in a harvesting pond and used during lean season. Close Circuit Water cooling system is being maintained. The effluent generated from the facilities are treated in a treatment plant are recycled & utilized in dust suppression and green belt development.
v.	Efforts shall be made to make use of rain water harvested. If needed, capacity of the reservoir shall be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources.	Maximum utilization of rain water is followed by collection roof top water and run off water and collected in rain water harvesting storage tank.



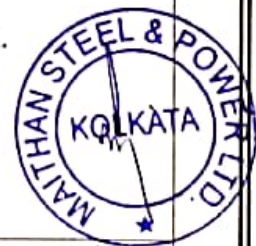
vi.	Regular monitoring of influent and effluent surface, sub-surface and ground water shall be ensured and treated wastewater shall meet the norms prescribed by the State Pollution Control Board or described under the Environment (Protection) Act, 1986 whichever are more stringent.	No waste water discharge to open ground. Surface Water monitoring & analysis has been done from the settling cum treatment tank, ground water analysis is being done on regular basis. Surface Water & Ground Water Analysis Reports are Enclosed.
vii.	In-plant control measures like bag filters, dusting and dust suppression system shall be provided to control fugitive emissions from all the vulnerable sources. Dust extraction and suppression system shall be provided at all the transfer points. Water sprinkling system shall be provided to control secondary fugitive dust emissions generated during screening, loading, unloading, handling and storage of raw materials etc.	Bag filters are connected to all IFs, water sprinkler system has been provided to control fugitive emissions from all the vulnerable sources.
viii.	Vehicular pollution due to transportation of raw material and finished products shall be controlled proper arrangements shall also be made control dust emissions during loading and unloading of the raw material and finished product.	Internal roads are paved and water sprinkling is being done by movable tanker and fixed system for dust suppression.
ix.	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's Regional Office at Bhubaneswar, SPCB and CPCB.	Sponge Iron, Scrap & Pig Iron are used as raw material. Raw materials are stored on impervious layer to avoid leaching. No such trace element is found in slag, which is equivalent to river sand. Slag generated is used for land filling.
x.	Risk and Disaster Management Plan along with the mitigation measures shall be prepared and a copy submitted to the Ministry's Regional Office at Bhubaneswar SPCB and CPCB within 3 months of issue of environment clearance letter.	Risk and Disaster Management Plan along with the mitigation measures is followed. Attachment is also available.
xi.	As proposed green belt shall be developed in 33% of plant area as per the CPCB guidelines in consultation with the DFO.	Green belt has been raised and process of plantation on regular basis is being followed to cover 33% of the plant area. Approx. 7189 saplings of indigenous and local fast growing species have been planted and completed plantation in this monsoon season. Last details of green belt attached as per regional office MoEFCC Format is attached.
xii.	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Steel Plants should be implemented.	CREP for Secondary Metallurgical industry is available.
xiii.	All the commitments made to the public during the Public Hearing/ Public Consultation meeting held on 26 th August 2009 shall be satisfactorily implemented and a separate	Public Consultation meeting held on 26 th August 2009 is being implemented. The budget for implementing the same is allocated.



	budget for implementing the same should be allocated and information submitted to the Ministry's Regional Office at Bhubaneswar.	
xiv.	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 Bhubaneswar. Implementation of such program should be ensured accordingly in a time bound manner.	The budget towards the corporate social responsibility and item-wise details along with time bound action plan has been prepared.
xv.	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, creche etc. the housing may be in the form of temporary structures to be removed after the completion of the project.	Temporary housing facilities were provided to construction labors during the construction phase, moreover local workers were engaged from the nearby villages. The temporary structures removed accordingly after completion of the project.

B. GENERAL CONDITION

i.	The project authority shall adhere to the stipulations made by West Bengal Pollution Control Board (WBPCB) and State Government.	The stipulations made by West Bengal Pollution Control Board (WBPCB) and State Government are being followed.
ii.	No further expansion or modification of the plant shall be carried out without prior approval of the Ministry.	Till now, no further expansion or modification of the plant has been carried out with this EC.
iii.	The gaseous emissions from various process units shall conform the load/mass based standards notified by this Ministry on 19 th May, 1993 and standards prescribed from time to time. The WBPCB 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.	The gaseous emissions from IFs units confirms the load/mass based standards notified by this Ministry on 19 th May, 1993 and standards prescribed from time to time. At no time, the emission level has gone beyond the prescribed standards. The plant is running only with Rolling Mill and Induction Furnaces so interlocking facilities for the plant is not required.
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 9day time) and 70 dBA night time)	The overall noise levels in and around the plant area is within the standards. Monitoring Report is enclosed.
v.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Occupational health surveillance of the workers is being done on a regular basis and records maintained as per the Factories Act. Details are attached.



vi.	All the environment management measures given in the EIA/ EMP shall be implemented and complied with.	All the environment management measures given in the EIA/ EMP is being implemented and complied.
vii.	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.	Rain Water harvesting structure is constructed sourcing water from roof top as well as runoff water through garland drain are being utilized to reduce fresh water input.
viii.	Proper housekeeping and adequate occupational health programmes shall be taken up as per the Factory Act.	Housekeeping and adequate occupational health programs as per the Factory Act are being followed.
ix.	The company shall undertake eco-development measures including community welfare measures in the project area.	Has been considered under CSR as per Companies Act, 2013. CSR is being done as per the norms, i.e. 2% of average profit gained in 3 consecutive years.
x.	A separate environmental management cell to carry out various management and monitoring functions shall be set up under the control of Senior Executive.	Environmental management cell has been formed for various management and monitoring functions for reporting to management.
xi.	As proposed, Rs. 150.00 lakhs 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 Forests as well as the State Government. The funds so provided shall not be diverted to any other purpose.	As only some of the facilities commissioned amount has been spent towards total capital cost. Recurring cost/annum for environmental pollution control measures and used judiciously to implement the conditions stipulated by the MoEFCC as well as SPCB. The funds provided have not been diverted to any other purpose. Recurring Cost incurred for the current period. Detail is attached.
xii.	The Project Authorities 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.	The 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, Forests & Climate Change as well as the State Government. The funds so provided have not been diverted for any other purpose.
xiii.	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/ 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.	Copy of clearance letter has been submitted to concerned bodies.
xiv.	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	The status of compliance of the stipulated environment clearance conditions, including results of monitored data being updated periodically. The criteria pollutant levels namely, SPM, RSPM, SO ₂ , NO _x (ambient levels as well as stack



	and the WBPCB. The criteria pollutant levels namely, SPM, 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.	emissions) or critical sectoral parameters, indicated for the projects is monitored. The display board has been fixed near the main gate for public domain.
xv.	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 WBPCB. The Regional Office of this Ministry at Bhubaneswar/CPCB/WBPCB shall monitor the stipulated conditions.	Noted. Six monthly compliance report for periodically being submitted to IRO, MoEFCC; ARO, WBPCB & ZO, CPCB on regular basis.
xvi.	The environmental statement 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 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.	Form- V has been prepared for the FY ending 31.03.2022. Copy is attached and displayed to the company's website.
xvii.	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 W.B. Pollution Control Board and may also be seen at the website of the Ministry of Environment and Forests at http://envor.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 Bhubaneswar.	The advertisement was published in two Newspaper Aajkal (Bengali) and The Statesman (English). Copies of the same had been sent to MoEF Regional Office Bhubaneswar vide letter No. MSPL-II/11-12/524 Dated 26.09.2011.

