

Environmental Clearance No: J-13012/111/2009-IA.II (T)

A- General Condition :

1	Adequate safety measures shall be provided in the plant area to check /minimize spontaneous fires in coal yard, especially during summer season. Copy of these measures with full details along with location plant layout shall be submitted to the Ministry as well as to the Regional Office of the Ministry.	A Standard Operating Procedure is in place to avoid the spontaneous combustion. Document attached as "Annexure 7"
2	Storage facilities for auxiliary liquid fuel such as LDO and / HFO /LSHS shall be made in the plant area in consultation with Departments of Explosives, Nagpur. Sulphur content in the liquid fuel will not exceed 0.5% Disaster Management Plan shall be prepared to meet any eventuality in case of an accident taking place due to storage of oil.	Clearance obtained from CCoE is attached as "Annexure 8" The analysis of LDO is attached as "Annexure 9"
3	Regular monitoring of ground water level shall be carried out by establishing a network of existing wells and constructing new piezometers. Monitoring around the ash pond area shall be carried out particularly for heavy metals (Hg , Cr , As , Pb) and records maintained and submitted to the Regional Office of this Ministry .The data so obtained should be compared with the baseline data so as to ensure that the ground water quality is not adversely affected due to the project.	Regular monitoring of ground water is being carried out and the reports have been sent to Regional office, Bangalore.
4	Monitoring surface water quantity and quality shall also be regularly conducted and records maintained. The monitored data shall be submitted to the Ministry regularly. Further, monitoring points shall be located between the plant and drainage in the direction of flow of ground water and records maintained. Monitoring for heavy metals in ground water shall be undertaken.	We are not using any surface water for the unit
5	First Aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.	Both the First Aid and Sanitation arrangement have been made for drivers, contract workers.
6	Noise levels emanating from turbines shall be so controlled such that the noise in the work zone shall be limited to 75 dBA. For people working in the high noise area, requisite personal protective equipment like earplugs, ear muffs etc. shall be provided. Workers engaged in noisy areas such as turbine area, air compressors etc shall be periodically examined to maintain audiometric record and for treatment for any hearing loss including shifting	The followings are the measures taken to reduce the noise level 1. All the noise generating equipments were installed with silencers 2. All the noise generating equipments have been

	to non noisy /less noisy areas.	covered with acoustic measures 3. Anti-vibrating pads has been inserted to reduce the noise generation 4. Proper PPE's have been issued to the employees/Workers
7	Regular monitoring of ambient air ground level concentration of SO ₂ , NO _x , PM 2.5 & PM 10 and Hg shall be carried out in the impact zone and records maintained. If at any stage these levels are found to exceed the prescribed limits , necessary control measures shall be provided immediately. The location of the monitoring stations and frequency of monitoring shall be decided in consultation with SPCB. Periodic reports shall be submitted to the Regional Office of this Ministry. The data shall also be put on the website of the company.	1. Annual monitoring from SPCB is being done to monitor the AAQ levels. 2. However it is proposed to conduct the survey from management side for every once in three months by the third party
8	Provision shall be made for the housing of construction labour (as applicable) 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.	100 rooms were constructed for construction labour inside the premises with basic amenities.
9	The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project , one of which shall be in the vernacular language of the locality concerned within seven days from the date of this clearance letter , informing that the project has been accorded environmental clearance and copies of clearance letter are available with the State Pollution Control Board /Committee and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.nic.in .	Evidence attached as "Annexure 10"
10	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat , Zila Parisad / Municipal Corporation , urban local Body and the Local NGO , if any , from whom suggestions /representations ,if any , received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	The same has been published to the concerned panchayat.
11	An Environment Cell shall be created at the project site itself and shall be headed by an officer of appropriate seniority and qualification. It shall be ensured that the head of the Cell shall directly report to the head of the	An Environment Cell with the reporting to President-Operations is being functional.

	organisation.	
12	The proponent shall upload the status of compliance of the stipulated environmental 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 MOEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM , RSPM (PM2.5 & PM 10), SO2 , NOx (ambient levels as well as stack emissions)shall be displayed at a convenient location near the main gate of the company in the public domain.	
13	The environment statement for each financial year ending 31 st March in Form V as in 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 clearance conditions and shall also be sent to the respective Regional Officers of the Ministry by e-mail.	Form V is being submitted regularly.
14	The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment and Forests, its Regional Office, Central Pollution Control Board and State Pollution Control Board. The project proponent shall upload the status of the compliance of the environment of the environmental clearance conditions of their website and update the same periodically and simultaneously send the same by e-mail to the Regional Office, Ministry of Environment and Forests.	A half yearly report which comprises of the following is being sent to the Regional Office- Bangalore. <ol style="list-style-type: none"> 1. AAQ results 2. Ground water analysis results 3. Noise level results 4. Ash disposal details
15	Regional Office of the Ministry of Environment & Forests will monitor the implementation of the stipulated conditions. A complete set of documents including Environmental impact Assessment Report and Environmental Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring .Project proponent will up – load the compliance status in their website and up-date the same from time to time at least six monthly basis. Criteria pollutants levels including NOx (from stack & ambient air)shall be displayed at the main gate of the power plant.	The Stack emittant levels are being displayed at the main gate.

16	Separate funds shall be allocated for implementation of environmental protection measures along with item - wise break up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for another purposes and year -wise expenditure should be reported to the Ministry.	The funds allotted for environmental protection with item wise break up has been reported to the Ministry.
17	The project authorities shall inform the Regional Office as well as the Ministry regarding the date of financial closure and final approval of the project by the concerned authorities and the dates of start of land development work and commissioning of plant.	The financial closure details for the year 2012-2013 have been submitted to the ministry.
18	Full cooperation shall be extended to the Scientists /Officers from the Ministry /regional Office of the Ministry of Bangalore / CPCB / SPCB who would be monitoring the compliance of environmental status.	This will be strictly adhered to.