

Ref: MPL/ FY 23/ 22-06/011

Date: 05.06.2022

To,  
Member Secretary,  
Jharkhand State Pollution Control Board,  
T A Division Building, HEC, Dhurwa  
Ranchi (Jharkhand)

Subject: Submission of reply for letter no – JSPCB/HO/RNC/CTO-5926045/2020/2; dated: 01.01.2020.

Ref: Your letter no – JSPCB/HO/RNC/CTO-5926045/2020/2; dated: 01.01.2020.

Dear Sir,

Please refer to your earlier correspondence vide Ref No. JSPCB/HO/RNC/CTO-5926045/2020/2; dated: 01.01.2020. regarding submission of compliance of CREP responsibility to the Board.

Further in this connection, we are enclosing would like to inform you that, we are enclosing compliance of CREP responsibility for the month of May'22.

This is for your kind information and record please.

Sincerely

For Maithon Power Ltd

  
Subhash Chandra Pandey  
(Chief O&M -Services)

Cc: The Regional Officer  
Jharkhand State Pollution Control Board,  
Dhanbad (Jharkhand)

Encl: Annexure- CREP report- May'22

## Charter on Corporate Responsibility for Environmental Protection (CREP)

SNo.	Conditions	Compliance Status as on 31 <sup>st</sup> May'2022
<b>2.0</b>	<b>Charter on Corporate Responsibility for Environmental Protection (CREP)</b>	
2.1	<p>Implementation of Environmental Standards (Emission and Effluent) in non-compliant Power Plants (31 and 27)</p> <ul style="list-style-type: none"> <li>- Submission of action plan: 30.06. 2003</li> <li>- Placement of order for pollution control equipment: September, 2003.</li> <li>- Installation and commission: 31.12.2005.</li> </ul>	Not applicable.
2.2	<p>For existing thermal power plants, a feasibility study shall be carried out by Central Electricity authority (CEA) to examine possibility to reduce the particulate matter emissions to 100 mg/Nm<sup>3</sup>. The studies shall also suggest the road map to meet 100 mg/Nm<sup>3</sup> wherever found feasible. CEA shall submit report by March, 2004.</p>	Not applicable.
2.3	<p>New/expansion power projects to be accorded environmental clearance on or after 1.4.2003 shall meet the limit of 100 mg/Nm<sup>3</sup> for particulate matter.</p>	<p>Complied.</p> <p>Particulate matter emission is within the stipulated limit. Average Particulate matter concentration of is 30.83 and 43.39 mg/Nm<sup>3</sup> for Unit I and Unit II respectively.</p>
2.4	<p>Development of SO<sub>2</sub> and NO<sub>x</sub> emission standards for coal based plants by December, 2003.</p> <p>New/expansion power projects shall meet the limit of SO<sub>2</sub> and NO<sub>x</sub> wef 1.1.2005.</p> <p>Existing power plants shall meet the limit of SO<sub>2</sub> and NO<sub>x</sub> wef 1.1.2006.</p>	<p>We have been directed by CEA to install FGD to comply with SO<sub>2</sub> standard and to comply NO<sub>x</sub> emission limit by the year 2024.</p>
2.5	<p>Install/activate opacity meters/ continuous monitoring system in all the units by 31st. Dec'2004 with proper calibration system.</p>	<p>Complied.</p> <p>The power station is equipped with opacity meters/ continuous monitoring systems.</p>
2.6	<p>Development of guidelines/ standards for mercury and other toxic heavy metals emissions by December, 2003.</p>	Noted.
2.7	<p>Review of stack height requirement and guidelines for power plants based on micro meteorological data by June, 2003.</p>	<p>A bi-flue stack of 275 m height is provided as per EC condition.</p>
2.8	<p>Implementation of use of beneficiated coal as per GOI notification Power plants will sign fuel supply agreement (FSA) as per the matrix prepared by CEA for compliance of the notification as short term measure.</p> <p>Options/ mechanism for setting up of coal washeries as a long term measure. Coal India will set up its own washery. State Electricity</p>	Noted.

	Board to set up its own washery. Coal India to ask private entrepreneurs to set up washeries for CIL and taking washing charges. SEBs to select a private entrepreneur to set up a washery near pit head installation of coal beneficiation plants.	
2.9	Power plants will indicate their requirement of abandoned coal mines for ash disposal and Coal India/ MOC shall provide the list of abandoned mines by June 2003 to CEA.	As a part of fly ash utilization, ECL has allocated abandoned open cast coal mine voids.
2.10	Power plants will provide dry ash to the users outside the premises or uninterrupted access to the users within six months.	Noted. Being provided.
2.11	Power plants should provide dry fly ash free of cost to the users.	MPL is providing pond ash as well as dry fly ash free of cost to brick manufacturing unit, cement manufacturing unit and stowing in abandoned open cast coal mines.
2.12	State PWDs/construction and development agencies shall also adhere to the specifications/schedules of CPWD for ash/ ash based products utilization. MoEF will take up the matter with State Governments.	Not applicable.
2.13 (i)	New plants to be accorded environmental clearance on or after 1.04.2003 shall adopt dry fly ash extraction or dry disposal system or medium (35-40%) ash concentration slurry disposal system or lean phase with 100% ash water recirculation system depending upon site specific environmental situation.	Complied. It has been installed as part of the ash handling package.
2.13 (ii)	Existing plants shall adopt any of the systems mentioned in 2.13 (i) by December, 2004.	Complied.
2.14	Fly ash mission shall prepare guidelines/ manuals for fly ash utilization by March 2004.	Noted.
2.15	New, plants shall promote adoption of clean coal and clean power generation technologies.	Noted.