

**BIHAR STATE POLLUTION CONTROL BOARD**

Parivesh Bhawan, NSB-2, Patliputra Industrial Area
Patliputra, Patna - 800 010

Ref. No- 783

Patna, dated- 17.6.2021

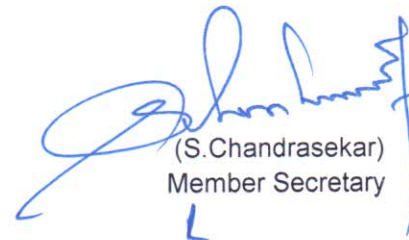
EMISSION CONSENT ORDER

With reference to the application ID- 4246584, dated 13.01.2021 of M/s BRBCL (4*250 MW) Nabinagar, H Type Office, Nabinagar, Dist.- Aurangabad- 824301 for consent under sections 21 of the Air (Prevention & Control of Pollution) Act, 1981, they are granted consent to operate their plant of BRBCL, Nabinagar, Dist.- Aurangabad- 824301 unit # 1, 2, 3, 4 capacity 4*250 MW for the period upto 12.01.2026 with the following conditions:-

1. That, he/they shall not make any alteration, addition, deletion or modification in the plant without the prior clearance from the Board and shall also abide by the obligations under sections 22,23 and 31A of the Air (Prevention & Control of Pollution) Act,1981 and further shall extend co-operation to the Board in performing its functions entrusted under ,sections 24,25 and 26 of the Act ;
2. That, he/they shall comply with the requirements of rule 14 of the Environment(Protection) Rules, 1986; rules 4,5,7,9,10 and 11 of the Hazardous & Other Wastes (Management and Trans-boundary Movement), Rules,2016 ; rules 4,5,7,8,10,11,12,13,15,17 and 18 of the Manufacture, Storage and Import of Hazardous Chemical Rules,1989; and the provisions of the Public Liability Insurance Act,1991,whichever is applicable;
3. That, he/they shall monitor his/their emission(s) and the ambient air quality from representative point regularly and shall maintain its quality in conformity with Board's standards and shall produce its proof, as and when asked for;
4. That, he/they shall submit application for consent again 30 days before the expiration of the period of consent i.e. 11.01.2026 or within 30 days from the date of receipt of this order, whichever is applicable.
5. *The unit shall complete the installation of one silo in all respects for ensuring collection of dry fly ash by 30th June, 2021 to ensure its use by the concerned users and remaining within one year.*
6. *The unit shall install online stack emission monitoring system for stack-2 (unit-4) and ensure its connectivity with CPCB/SPCB after commercial operation of unit # 4.*
7. *The unit shall comply with new emission standard notified by MoEF&CC, dated- 07.12.2015 (PM: 30Mg/Nm³; SO₂: 100mg/Nm³; NOx: 100mg/Nm³ and Hg: 0.03mg/Nm³).*
8. *The unit shall develop dust suppression system and plantation on contingent ash dyke after covering and compacting with soil to avoid fugitive emission due to wind in the vicinity.*
9. *The unit shall install flue gas desulphurization (FDG) System by December 31, 2022 to comply SO₂ emission level.*
10. *The unit shall develop plantation in accordance with EC.*
11. *The unit shall comply all the conditions of EC & CTOs and submit the report of to the Board in addition with the concerned authority for EC (MoEF&CC) half yearly.*
12. *The unit shall ensure utilization of fly ash as per the guidelines/notification issued by MoEF&CC Govt. of India.*
13. *The unit shall submit Environmental Statement for the financial year ending the 31st March in Form-V on or before the 30th September every year.*

To,

Sri C Sivakumar
M/s BRBCL (4*250 MW) Nabinagar
H Type Office, Nabinagar
Dist.- Aurangabad- 824301


(S.Chandrasekar)
Member Secretary
17/6/21

**BIHAR STATE POLLUTION CONTROL BOARD**

Parivesh Bhawan, NSB-2, Patliputra Industrial Area

Patliputra, Patna - 800 010

Ref.no- 784

Patna, dated- 17.6.2021

DISCHARGE CONSENT ORDER

With reference to the application ID- 4246584, dated 13.01.2021 of M/s BRBCL (4*250 MW) Nabinagar, H Type Office, Nabinagar, Dist.- Aurangabad- 824301 for consent under sections 25/26 of the Water (Prevention & Control of Pollution) Act, 1974, they are granted consent to bring into use their new outlet(s) for discharge of trade effluent and/or domestic sewage operate his/her plant of BRBCL, Nabinagar, Dist.- Aurangabad- 824301 unit # 1, 2, 3, 4 capacity 4*250 MW for the period upto 12.01.2026 with the following conditions:-

- 1 That, he/they shall not make any alteration, addition, deletion or modification in the plant without the prior clearance from the Board and shall also abide by the obligations under sections 24,31 and 33A of the Water (Prevention & Control of Pollution) Act,1974 and further shall extend co-operation to the Board in performing its functions entrusted under sections 20,21,23,30 and 32 of the Act ;
- 2 That, he/they shall comply with the provisions of the rule 14 of the Environment (Protection) Rules, 1986; provisions of the Hazardous & Other Wastes (Management & Trans- boundary Movement) rules, 2016; rules 4,5,7,8,10,11,12,13, 15,17 and 18 of the Manufacture, Storage and Import of Hazardous Chemical Rules,1989; and the provisions of the Public Liability Insurance Act,1991 whichever is applicable;
- 3 That, he/they shall monitor his/their effluent(s) regularly and maintain its quality in conformity with Board's standards and shall produce its proof, as and when asked for;
- 4 That, he/they shall submit application for consent again 30 days before the expiration of the period of consent i.e. 11.01.2026 or within 30 days from the date of receipt of this order, whichever is applicable.
- 5 *The unit shall complete the construction of planed ash dyke with HDPE/LDPE lining or any other suitable impermeable media by established technology within six months or submit exemption from MoEF&CC, Govt. of India.*
- 6 *The unit shall use liquid Waste Water Treatment Plant (LWWTP) for ensuring zero liquid discharge.*
- 7 *The unit shall comply Specific Water Consumption (SWC) maximum of 3.0 m3/MWh in compliance of MoEF&CC Gol Notification dated- 28.06.2018.*
- 8 *The unit shall comply all the conditions of EC & CTOs and submit the report of to the Board in addition with the concerned authority for EC (MoEF&CC) half yearly.*
- 9 *The unit shall ensure utilization of fly ash as per the guidelines/notification issued by MoEF&CC Govt. of India.*
- 10 *The unit shall submit Environmental Statement for the financial year ending the 31st March in Form-V on or before the 30th September every year.*
- 11 *The unit shall ensure the operation of STP within six months and treated water shall conform to the prescribed standards (pH: 6.5-9, BOD: 30mg/L, TSS: <100mg/L & FC <100MPN/100ml).*
- 12 *The unit shall monitor Sone river water Quality in U/S & D/S with reference to water intake point.*

To

Sri C Sivakumar
M/s BRBCL (4*250 MW) Nabinagar
H Type Office, Nabinagar
Dist.- Aurangabad- 824301


(S. Chandrasekar)
Member Secretary