



BIHAR STATE POLLUTION CONTROL BOARD
PARIVESH BHAWAN, PLOT NO. NS-B/2, PALIPUTRA INDUSTRIAL AREA,
PATLIPUTRA, Patna – 800 010

Ref. No.- 2463.

Patna, Dated- 28/07/22

DISCHARGE CONSENT ORDER

With reference to the application ID-OR426N022591/6053476 dated 05.05.2022, previous CTO dated 13.11.2019, CTE dated 23.01.2022 and undertaking for CTO dated 29.04.2022 of M/s J G Foundry Ltd., at Chimochak, Mahuli, Deedarganj, Dist-Patna-800009 for consent under sections 25/26 of the Water (Prevention & Control of Pollution) Act, 1974, he/they is/are granted consent to operate his/their 'Induction Furnace to manufacture M.S. Billets' (Capacity-10,0800 MT/year) and 'Re-rolling of Billets' through continuous casting process/machine to produce TMT Bar/Rod for capacity-10,0800 MT/year in their existing unit at Chimochak, Mahuli, Deedarganj, Dist-Patna-800009 for the period for the period of five years from the date of issue 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 requirements of Rule 14 of the Environment (Protection) Rules, 1986; provisions (whichever applicable) of the Hazardous And Other Wastes (Management and Transboundary Movement) Rules, 2016, Rules 4, 5, 7, 8, 10, 11, 12, 13, 15 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 or within 30 days from the date of receipt of this order, whichever is applicable;
- 5 That, water is mainly used for cooling purposes, water scrubbing system and in domestic purpose; they have to keep these water in closed circuit, re-used and it should not be discharged outside the campus;
- 6 That, they shall maintain separate drain for storm water and domestic/trade waste water. The dust inside the campus should not be carrying out with storm water during rainy season as well as storm water drain shall be passed through guard pond;
- 7 That, storm water within the battery limits of a unit shall be channelized through separate drain/pipe passing through a HDPE lined pit having holding capacity of 10 minutes (hourly average) of rainfall;
- 8 That, the quality of industrial /domestic effluent, if any shall conform to the standard as prescribed under The Rules;
- 9 That, they shall obtain prior permission from CGWA for installation of bore well and abstraction of groundwater and submit copy of the valid NOC obtained from CGWA;

- 10 That, they shall maintain rain water harvesting system as prescribed in the Rules;
- 11 That, they shall make effort to re-use cooling water (if any)/treated effluent to maintain Zero Discharge from the plant premises and water consumption shall be reduced by adopting 3 R's (reduce, reuse and recycle) concept;
- 12 That, water meter conforming to ISO standards shall be installed at the inlet point of water uptake as well as at all necessary points to monitor the daily water consumption. They shall maintain logbook also on daily basis. Use of water efficient devices/fixtures and appliance should be promoted;
- 13 That, the solid wastes in the shape of solid sludge generated from the cooling water recirculation tanks of wet scrubber should be disposed off scientifically and environmentally sound manner so that it should not affect the surrounding environment and shall submit report in this regard on half yearly basis;
- 14 That they shall ensure that the solid waste generated is not thrown, burnt or buried on streets, open public spaces outside the premises or in the drain or water bodies;
- 15 That, they shall maintain record of solid waste generated from furnaces/slag crushing and their disposal site etc;
- 16 That, they shall comply with the provisions (whichever applicable) of the Solid Waste Management Rules, 2016. Separate wet and dry bins must be provided and segregation of dry waste (in blue bin), wet waste (in green bin) and domestic hazardous waste (in black bin) must be ensured; wet waste must be composted inside the premises and dry & domestic hazardous waste shall be handed over to the local body. Non-biodegradable waste and dry waste like rejected corrugated cardboard; waste paper etc may be handed over to the recyclers registered with Bihar State Pollution Control Board;
- 17 That, the Environmental Statement as prescribed in the E (P) Rules, 1986 [see rule 14] for the each financial year ending the 31st March, shall be submitted by the month of September every year;
- 18 That, they shall make provisions for display of data outside main unit gate about quantity and quality of water discharge and air emission along with solid waste generated within the unit premises;
- 19 That, notwithstanding any thing stated above, the applicant unit shall abide by all the provisions of the environmental laws including policies and guidelines made there under; and
- 20 That, this CTO is granted on basis of affidavit/undertaking/document up-loaded by the applicant and it is subject to the condition that in the event of any information/documents submitted by the proponent are found false or misleading at any stage, the CTO granted, shall be revoked and legal action shall be initiated.

To
 Sri Girija Shankar Prasad, Managing Director,
 M/s J G Foundry Ltd.,
 At-Chimochak, Mahuli, Deedarganj,
 Dist-Patna-800009.


 (S. Chandrasekar)
 Member Secretary



BIHAR STATE POLLUTION CONTROL BOARD

PARIVESH BHAWAN, PLOT NO. NS-B/2, PALIPUTRA INDUSTRIAL AREA,
PATLIPUTRA, Patna-800 010

Ref. No.- 2462

Patna, Dated- 28/07/22

EMISSION CONSENT ORDER

With reference to the on-line application ID-OR426N022591/6053476 dated 05.05.2022, previous CTO dated 13.11.2019, CTE dated 23.01.2022 and undertaking for CTO dated 29.04.2022 of M/s J G Foundry Ltd., at Chimochak, Mahuli, Deedarganj, Dist-Patna-800009 for consent under sections 21 of the Air (Prevention & Control of Pollution) Act, 1981, he/they is/are granted consent to operate his/their 'Induction Furnace to manufacture M. S. Billets' (Capacity-10,0800 MT/year) and 'Re-rolling of Billets' through continuous casting process/machine to produce TMT Bar/Rod for capacity-10,0800 MT/year in their existing unit at Chimochak, Mahuli, Deedarganj, Dist-Patna-800009 for the period for the period of five years from the date of issue 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 Wastes (Management and Handling), Rules 1989; 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 before 30 days before the date of expiration of the consent or within 30 days from the date of receipt of this order, whichever is applicable;
- 5 That, they shall maintain the height of stack up to 30m from ground level with flue gas sampling provision;
- 6 That, they shall submit stack monitoring & AAQ (including noise) reports half yearly to the Board;
- 7 That, Online Emission Monitoring System installed at the designated out let point (as specified by SPCB) for the induction furnace's stack with required real time data logging and data transmission facility to SPCB and CPCB server for the Particulate Matter (PM) parameter, shall be calibrated periodically, maintained properly and they should be connected to CPCB & BSPCB server for data transfer;
- 8 That, all air pollution control facilities provided (Wet scrubber, Bag filters etc) should be operative regularly and maintained properly and they shall ensure emission of particulate matter as prescribed under the Rules;
- 9 That, all roads/vehicular movement areas at the site plant should be pucca/stabilized with stone aggregates and regular sweeping & sprinkling of water to be ensure so that no dust is generated with vehicular movement;
- 10 That, they shall facilitate covered shed for storage of coal to mitigate water/air pollution;
- 11 That, they shall submit detail action plan for disposal of solid waste in scientific manner and environmentally sound manner as per CPCB guideline;

- 12 That, diesel generating sets (DG Sets), if any; as source of backup power should be provided with an integral acoustic enclosure and the maximum permissible sound pressure level for new D.G. set shall be 75 dB(A) at 1 meter from the enclosure surface. The height of exhaust of DG sets should be as: Exhaust Stack Height formula:- (Ht of Building in meter + $0.2\sqrt{\text{KVA}}$) m; it should be installed on pucca base with anti vibration pads;
- 13 That, they shall ensure all possible measures to be implemented to control noise pollution and the ambient noise levels should conform to the standards prescribed under the Noise Pollution (Regulation and Control) Rules, 2000, as amended to date viz. 75 dB(A) during day time and 70 dB (A) during night time;
- 14 That, they shall ensure unit operations are carried out with minimal noise disturbance to the surrounding environment, good housekeeping is maintained in the premises, good cleaning and work practices are maintained;
- 15 That, the environmental statement for each financial year ending 31st September in Form-V as is amended to be submitted by the proponent to the Board as prescribed in the Environment (Protection) Rules, 1986.
- 16 That, Tree Plantation all around the campus shall be kept maintained; and
- 17 That, they shall make provisions for display of data outside main factory gate about quantity and quality of water discharge and air emission along with solid waste generated within the factory premises;
- 18 That, notwithstanding any thing stated above, the applicant unit shall abide by all the provisions of the environmental laws including policies and guidelines made there under; and
- 19 That, this CTO is granted on basis of undertaking up-loaded by the applicant and it is subject to the condition that in the event of any information/documents submitted by the proponent are found false or misleading at any stage, the CTO granted, shall be revoked and legal action shall be initiated.

To
Sri Girija Shankar Prasad, Managing Director,
M/s J G Foundry Ltd.,
at Chimochak, Mahuli, Deedarganj,
Dist-Patna-800009.


(S. Chandrasekar)
Member Secretary