

MAHARASHTRA POLLUTION CONTROL BOARD

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Mumbai-400 022.

RED/LSI

Consent No. BO/JD(APC)/ EIC No. EIC No.NG-7154-12/E/CC-1864 Date: 01/03/2013.
Consent to Establish under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 5 of the Hazardous Wastes (Management Handling & Transboundary Movement) Rules, 2008.[To be referred as Water Act, Air Act and HW (MH & TM) Rules respectively].

CONSENT is hereby granted to

M/s Jayaswal Neco Industries Ltd.(ECD),
(Expansion Project),
Plot No.T-41/42,MIDC Hingna,Nagpur.
Dist.Nagpur

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW(MH&TM) Rules and amendments thereto subject to the provisions of the Act and the Rules and the Orders that may be made further and subject to the following terms and conditions:

1. **The Consent to Establish is granted for a period up to – Commissioning of the unit or 5 years whichever is earlier.**
2. **The Consent is valid for the manufacture of –**

| Sr. No. | Product | Maximum Quantity |
|---------|-------------------|------------------|
| 1 | Cast Iron Casting | 700 MT/Month |
| 2 | Steel Casting | 50 MT/Month |

3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall be Nil
- (ii) The daily quantity of sewage effluent from the factory shall be Nil
- (iii) **Trade Effluent Treatment: N.A.**
- (iv) **Trade Effluent Disposal: N.A.**
- (v) **Sewage Effluent Treatment: N.A.**
- (vi) **Sewage Effluent Disposal: N.A.**
- (vii) **Non-Hazardous Solid Wastes:**

| Sr. No. | Type of waste | Quantity | Treatment | Disposal |
|---------|---------------|--------------|-----------|----------|
| 1 | Slag | 125 MT/Month | -- | By Sale |
| 2 | Waste Sand | 525 MT/Month | -- | landfill |

(viii) **Other conditions:** The industry shall monitor effluent quality regularly.

4. The applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 (to be referred as Cess Act) and Rules there under: The daily water consumption for the following categories is as under:

| | |
|---|----------|
| Domestic | 0.0 CMD |
| Industrial processing generating Bio-Degradable waste water | 24.0 CMD |
| Industrial processing generating Non-Bio-Degradable waste water | CMD |
| Industrial Boiler/Cooling etc. | 24.0 CMD |
| Any other and gardening. | ... CMD |

The applicant shall regularly submit to the Board the returns of water consumption in the prescribed form and pay the Cess as specified under Section 3 of the said Act.

5. CONDITIONS UNDER AIR ACT:

- (i) The applicant shall install a comprehensive control system consisting of control equipments as is warranted with reference to generation of emission and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:

A) Control Equipment:

- (i) Adequate Fume extraction system followed by Scrubber shall be provided to sources of emission & shall operate and maintain properly so as to achieve following air emission standards.
 (ii) There shall not any secondary (fugitive) emissions.

B) Standards for Emissions of Air Pollutants:

- (i) **The applicant shall observe the following fuel pattern:-**

| | | | | |
|----|-----------------|---------------|-----|--------------------|
| i | SPM TPM | Not to exceed | 150 | mg/Nm ³ |
| ii | SO ₂ | Not to exceed | --- | Kg/day |

- (ii) **The applicant shall observe the following fuel pattern:-**

| S No. | Type of Fuel | Quantity |
|-------|--------------|----------|
| ---- | | |

- (iii) **The applicant shall erect the chimney(s) of the following specifications:-**

| S No. | Chimneys attached to | Height in Mtrs. |
|-------|----------------------|-----------------|
| ---- | | |

- (iv) The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted /displayed to facilitate identification.
- (v) The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB(A) during day time and 70 dB(A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
- (vi) **Other Conditions:**
 1) The industry should not cause any nuisance in surrounding area.
 2) The industry should monitor stack emissions and ambient air quality regularly.

6. CONDITIONS UNDER HAZARDOUS WASTE (MH &TM) RULES, 2008:

- (i) The applicant shall handle hazardous waste as specified below:-

| Sr. No. | Type Of Waste | Quantity | Disposal |
|---------|---|--------------|------------------|
| 1 | 5.1 Used /spent oil | 1.00 lit/day | CHWTSDf,Butibori |
| 2 | 21.1 Wastes and residues (Paint Residues) | 1.00 kg/day | CHWTSDf,Butibori |
| 3 | 5.2 Wastes/ residue containing oil | 3.50 kg/day | CHWTSDf,Butibori |

- (ii) Treatment: - NIL
 (iii) The authorization is hereby granted to operate a facility for collection, storage, transport & disposal of hazardous waste.
 (iv) The industry should comply with the Hazardous Waste (M,H & TM) Rules, 2008.

- (v) The unit has to display and maintain the data online outside the factory main gate in Marathi & English both on a 6'x4' display board in the manner and the report of the compliance along with photograph shall be submitted to this office & concerned Regional Office/ Sub Regional Office.
- (vi) It shall be ensured that the Hazardous waste is handled, managed & disposed of strictly in accordance with the Hazardous Waste (Management, Handling & Transboundary Movement) Rules, 2008 and shown & submitted to the Board as & when asked for.
7. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
8. **General conditions:**
- (i) The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, no. of trees surviving as on 31st March of the year and no. of trees planted by September end.
- (ii) The applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by he applicant and operate the same in case of power failure to maintain compliance with the terms and conditions of the consent. In the absence of same, the applicant shall stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.
- (iii) **The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before starting actual commercial production.** The applicant shall not change or alter quantity, quality, the rate of discharge, temperature or the mode of the effluent/ emissions or hazardous wastes or control equipments provided for without previous written permission of the Board.
- (iv) The firm shall submit MPCB, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as pre the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992 before 30th September every year.
- (v) The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained. The applicant shall also submit a comparative statement of designed power and chemical consumptions vis-a vis actual power and chemical consumption along with Environmental statement.
- (vi) Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers down- stream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
- (vii) The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous wastes to

the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.

- (viii) The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
- (ix) The applicant shall maintain good house keeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area / inhabitants.
9. This Board reserves the right to amend or add any conditions in this consent and the same shall be binding on the Applicant.
10. This is issued pursuant to the decision of **Consent Committee** Meeting of the Board held on 15th February, 2013 & with the approval of the Hon'ble Chairman of the Board.
11. The applicant shall submit the irrevocable bank guarantee of Rs.7.5/- Lacs drawn in favour of RO MPCB Nagpur within 15 days valid for one year period, towards operation and maintenance of Pollution control system so as to achieve consented standards & for house keeping.
12. The total capital investment of industry is **Rs.50.58/- Crore (C.I. of the existing unit is Rs.32.7 crore and expansion project is Rs.17.88 crore).**

For and On Behalf of the
Maharashtra Pollution Control Board,

(Rajeev Kumar Mital, IAS)
Member Secretary

To,
M/s Jayaswal Neco Industries Ltd.(ECD),
(Expansion Project),
Plot No.T-41/42,MIDC Hingna,Nagpur.
Dist.Nagpur

Copy to:

1) Regional Officer, MPCB, Nashik 2) Sub-Regional Officer, MPCB, Nashik.

They are directed to forfeit the 50 % of existing BG of Rs.5 Lakh & obtain the BG of Rs.7.5/- Lacs from the industry and submit the performance report along with monitoring results within one month period and ensure the compliance of consent conditions.

3) Chief Accounts Officer, MPCB, Mumbai.

Received Consent fee of -

| Sr. No. | Amount(Rs.) | DD. No. | Date | Drawn On |
|---------|-------------|---------|-------------|----------|
| 1 | 50100 | 959243 | 22 Mar 2012 | SBI Bank |

4) Cess Branch, MPCB.