

# MAHARASHTRA POLLUTION CONTROL BOARD

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Mumbai-400 022.

RED/LSI

Consent No. BO/JD(APC) EIC NO NG-9915-13/R/CC- **3365** Date: **05/04/2014**

Consent to Operate under Section 26 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. Anshika Fasteners Pvt. Ltd.,  
Plot No.216/217, Wanadongri, Hingna Road,  
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 Operate is granted for a period up to – **30.11.2014**.
2. The Consent is valid for the manufacture of -

Sr. No.	Product	Maximum Quantity
1.	Manufacturing/Cold Forging and Hot Dip Galvanising of nuts,bolts washers and Hot dip Galvanising of Tower Parts	550 MT/Month
2	Electro galvanising of Spring Washers	18 MT/Month

3. **CONDITIONS UNDER WATER ACT:**

- (i) The daily quantity of trade effluent from the factory shall not exceed **0.7.0 m<sup>3</sup>**.
- (ii) The daily quantity of sewage effluent from the factory shall not exceed **4.0 m<sup>3</sup>**.
- (iii) **Trade Effluent Treatment:** The applicant shall provide comprehensive treatment system consisting of primary / secondary and/or tertiary treatment as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of the treated effluent to the following standards:

1	pH	Between	5.5 to 9.0
2	BOD 3 days 27 Deg. C.	Not to exceed	100 mg/l.
3	COD		250 mg/lit
4	Oil & Grease	Not to exceed	10 mg/l
5	Suspended Solids	Not to exceed	100 mg/l.
6	TDS		2100 mg/l
7	Chlorides		600 mg/l
8	Sulphates		1000 mg/l
9	Zinc (as Zn)	Not to exceed	5.0 mg/l
10	Chromium as Cr Hexavalent	Not to exceed	0.1 mg/l.
11	Lead (as Pb)	Not to exceed	0.1 mg/l.
12	Iron (as Fe)	Not to exceed	5.0 mg/l.
13	Total metal	Not to exceed	10.0 mg/l.

- (iv) **Trade Effluent Disposal:** The treated effluent shall also conform to the inlet effluent quality standards for CETP as specified by Environmental Protection Rules, 1986 for parameters other than specified above. Industry shall segregate metal Bearing waste and reuse it in process, excess shall be sent to CETP at Butibori. There shall not any discharge outside the factory premises.

(v) **Sewage Effluent Treatment:** The applicant shall provide comprehensive treatment system as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of treated effluent to the following standards.

- |     |                   |               |     |       |
|-----|-------------------|---------------|-----|-------|
| (1) | Suspended Solids  | Not to exceed | 100 | mg/l. |
| (2) | BOD 3 days 27o C. | Not to exceed | 100 | mg/l. |

(vi) **Sewage Effluent Disposal:** The treated domestic effluent shall be soaked in a soak pit, which shall be got cleaned periodically. Overflow, if any, shall be used on land for gardening / plantation only.

(vii) **Non-Hazardous Solid Wastes:**

Sr.No.	Type of waste	Quantity	Treatment	Disposal
1	Ferrous Scrap from the nut-bolt manufacturing	15 MT/Month		Sale

(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	4.0 CMD
Industrial processing generating Bio-Degradable waste water	--- CMD
Industrial processing generating Non-Bio-Degradable waste water	0.7 CMD
Industrial Boiler/Cooling etc.	5.0 CMD
Any other and gardening.	3.4 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:** Fume extraction system followed by scrubber provided to pickling / Galvanising section & Dust Collector provided any other sources of emission shall be operated and maintained properly so as to achieve following standards.

**B) Standards for Emissions of Air Pollutants:**

- |       |                 |               |                        |
|-------|-----------------|---------------|------------------------|
| (i)   | SPM/TPM         | Not to exceed | 150 mg/Nm <sup>3</sup> |
| (ii)  | Acid Mist       | Not to exceed | 35 mg/Nm <sup>3</sup>  |
| (iii) | SO <sub>2</sub> | Not to exceed | 50 kg/day              |

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

Sr.No.	Type of Fuel	Quantity
1.	Furnace Oil	19.62 kg/hr
2.	Diesel	8.42 kg/hr

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

Sr.No.	Chimney attached to	Height in Mtrs.
1.	Pickling Scrubber	11.0
2.	Galvanising Furnace	11.0
3.	Nuts and Bolts Furnace	11.0

- (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	UOM	Disposal
1	34.3 Chemical sludge from waste water treatment	90.0	Kg/day	CHWT/SDF
2	6.2 Zinc fines/dust/ash/skimming	312.0	Kg/day	Authorized re-processors
3	6.3 Other residues from processing of zinc ash/skimming	248	kg/day	
4	12.3- Spent acid	Irrespective of any quantum	--	Shall be sent to Authorized Acid recovery plant/ CHWT/SDF.

- (ii) The authorization is here by granted to operate a facility for collection, storage, transport & disposal of hazardous waste.

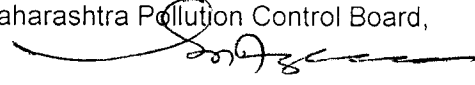
7. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate 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 30<sup>th</sup> September every year on available open plot area, no. of trees surviving as on 31<sup>st</sup> 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 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 31<sup>st</sup> March in the prescribed Form-V as pre the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992 before 30<sup>th</sup> 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. 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.
  10. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
  11. This Board reserves the right to amend or add any conditions in this consent and the same shall be binding on the Applicant.
  12. The applicant shall comply with the Proposed direction issued by RO MPCB Nagpur vide letter No.MPC/NRO/PD/197/3987/2013 dated 0.12.2013.
  13. The applicant shall extend the existing bank guarantee of Rs.50,000/- for the period up to 31.3.2014 ,towards performance of Pollution Control System and submit the extended BG to RO MPCB Nagpur within 15 days.
  14. The Total Capital investment of industry is Rs.14.43 Crores.

For and On Behalf of the  
Maharashtra Pollution Control Board,

  
(V.M.Motghare)  
Joint Director (Air Pollution Control) 29/9/14

To,  
M/s. Anshika Fasteners Pvt. Ltd.,  
Plot No.216/217, Wanadongri, Hingna Road, Nagpur  
Copy to:

- 1) Regional Officer, MPCB, Nagpur 2) Sub-Regional Officer, MPCB, Nagpur-II  
They are directed to ensure the compliance of consent conditions and submit the performance report along with monitoring results within one month period.
- 3) Chief Accounts Officer, MPCB, Mumbai

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	75100	119463	28.09.2013	Punjab National Bank

4] Cess Branch, MPCB