

MAHARASHTRA POLLUTION CONTROL BOARD

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Kalpataru Point, 2nd - 4th Fl.

Opp. Cine Planet Cinema,

Near Sion Circle, Sion (E)

Mumbai-400 022.

Red/L.S.I

Date: 12/07/2012

Consent No: BO/JD(APC)/EIC No. KN-6070-12/E/CC-CAE-490

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 (M&H) Rules respectively].

.....
CONSENT is hereby granted to

M/s. Lloyds Line Pipe Ltd.
Plot No. M-1, Addl. MIDC, Vill- Kudavali,
Tal. Murbad, Dist - Thane.

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW(M&H) 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 Name	Maximum Quantity	UOM
1	CR HR Sheet Galvanizing	36,000	MT/Y.
2	Black Pipe Production	1,68,000	MT/Y.

3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall not exceed 30 M³
- (ii) The daily quantity of sewage effluent from the factory shall not exceed 2 M³.

(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 quantity and operate and maintain the same continuously so as to achieve the quantity of the treated effluent to the following standards:

Sr. N.	Parameter		Limits
1	pH	Between	5.5 to 9.0
2	BOD 3 days	Not to exceed	100 mg/l
3	COD	Not to exceed	250 mg/l
4	Oil & Grease	Not to exceed	10 mg/l
5	Suspended Solids	Not to exceed	100 mg/l.
6	TDS	Not to exceed	2100 mg/l
7	Chromium	Not to exceed	2 mg/l
8	Iron	Not to exceed	3 mg/l
9	Zinc	Not to exceed	5 mg/l

(iv) **Trade Effluent Disposal:** The treated effluent shall be recycled to the maximum extent and remaining treated effluent shall be used for gardening. There shall not be any discharge out side the factory premises.

(v) **Sewage Effluent Treatment:** The applicant shall operate 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	UOM	Treatment	Disposal
1.	MS Scrap	25	MT/Day	----	Sale

(viii) **Other Conditions:** 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 amendment Rules, 2003 there under

The daily water consumption for the following categories is as under:

- | | | |
|--|-----|-----------|
| (i) Domestic | ... | 03.00 CMD |
| (ii) Industrial Processing generating Biodegradable waste water | ... | 40.00 CMD |
| (iii) Industrial Processing generating Non-Biodegradable waste water, Dust suppression | ... | 00.0 CMD |
| (iv) Industrial Cooling/Boiler | ... | 150.0 CMD |
| (v) Agriculture/ Gardening | ... | 000.0 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 operate 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 section & zinc dust section shall be operated properly and continuously.
- Dust collector of sufficient capacity shall be provided at all dust generating locations and operate properly and continuously.
- There shall not be any secondary(fugitive) emissions.

Standards for Emissions of Air Pollutants:

(i)	SPM/TPM	Not to exceed	150	mg/Nm ³
(ii)	SO ₂	Not to exceed	270	Kg/Day

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

Sr. No.	Fuel	Quantity	UOM
1	Furnace oil	3	MT/Day

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

Sr. No.	Chimney Attached To	Height in Mtrs.
1	Furnace	26
2	Boiler	24

(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 shall not cause any nuisance in surrounding area.
- 2) The industry shall monitor stack emissions and ambient air quality Regularly.

6. CONDITIONS UNDER HAZARDOUS WASTE (MANAGEMENT, HANDLING & TRANSBOUNDARY MOVEMENT) RULES, 2008:

(i) The Industry shall handle hazardous wastes as specified below.

Sl. No.	Type Of Waste	Quantity	UOM	Disposal
1	34.3 ETP Sludge	100	Kg/Day	CHWTSDF
2	6.2 Zinc Ash/Dross	1200	Kg/Day	Sale.

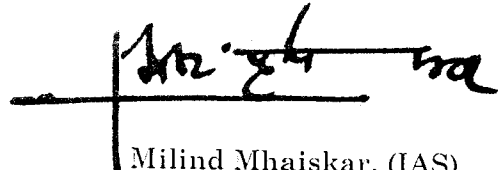
ii. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.

7. Industry shall comply with following additional conditions:

- i. The applicant shall maintain good housekeeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area inhabitants.
- ii. The applicant shall bring minimum 33% of the available open land under green coverage/ tree plantation.
- iii. Solid waste - The non hazardous solid waste arising in the factory premises, sweepings, etc., be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal to dumping ground.
- iv. The applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by he applicant to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.
- v. 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.
- vi. 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.
- vii. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
- viii. The firm shall submit to this office, the 30th day of September every year, the Environmental Statement Report for the financial year ending 31st March in

the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules 1992.

- ix. As inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
 - x. The applicant shall install a separate electric 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.
 - xi. 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.
 - xii. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
8. This consent shall not be constructed as exemption from obtaining necessary NOC from any other Government agencies as may deemed fit necessary.
9. This is issued with the approval of Consent Appraisal Committee meeting of the Board held on 03/07/2012.
10. Total Capital investment of the industry is Rs. 116.26 /- Cr.
(Existing - Rs. 17.38/- Crs + Expansion - Rs. 98.91/- Crs.)


Milind Mhaikar, (IAS)
Member Secretary

To,
M/s. Lloyds Line Pipe Ltd.
Plot No. M-1, Addl. MIDC, Vill- Kudavali,
Tal. Murbad, Dist - Thane.

Copy to:
RO- MPCB Kalyan SRO-MPCB Kalyan-III
CAO Cess Branch Master File

Received Consent fee of -

Sr. No.	Amount (Rs.)	DD. No.	Date	Drawn On
1	125000/-	000154	14.01.2012	Axis Bank