

# MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010437/24020781/24014701		Kalpataru Point, 2 <sup>nd</sup> - 4 <sup>th</sup> Floor
Fax: 24024068 / 24023515		Opp. Cine Planet Cinema,
Website: <a href="http://mpcb.mah.nic.in">http://mpcb.mah.nic.in</a>		Near Sion Circle, Sion (E), Mumbai.
E-mail: <a href="mailto:mpcb@vsnl.net">mpcb@vsnl.net</a>		

RED/SSI

Consent No. BO/JD.PAMS/EIC NO.TN-2931-11/R/CC- 137

Date: 13/09/2011

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 & Trans-boundry Movement) Rules 2008.

[To be referred as Water Act, Air Act and HW (M&H) Rules respectively].

CONSENT is hereby granted to

**M/s. Asmee Chemicals;  
Plot No. T- 89, MIDC Tarapur,  
Boisar, 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 Operate is granted for a period up to- 31/12/2015.

2. The Consent is valid for the manufacture of -

Sr.No.	Products	Maximum Qty. Kg/M
1.	5Amino 5 Methyl Thiazole	1000
2	5 Bromophthalide	500
3	N Methyl Piperazine	500
4	N Ethyl Piperazine	500
5	2:4 Difluro 1:2:4 Triazole Aceto Phenone	1000
6	1:2:4 Triazole	1000
7	4 Amino 1:2:4 Triazole	1000
8	2:2:4 Trichloro Acetophenone	1000
9	Potassium Pthalimide.	2000
10	4 Hydroxy Carbozole	500
11	Indole 3 Acetic Acid	500
12	5 CyanoPthalide	500
13	Tricholine Citrate (65 %)	2000
14	Iron Choline Citrate (66 %)	2000
15	3 Nitro Phthalonitrile	500

- The industry is presently manufacturing products 15 only. In case the industry wish to restart production of other listed products, they shall ensure the compliance of consent conditions and also inform to RO /SRO at least 15 days in advance.



3. **CONDITIONS UNDER WATER ACT:**

- (i) The daily quantity of trade effluent from the factory shall not exceed **2.0 M<sup>3</sup>**.  
 (ii) The daily quantity of sewage effluent from the factory shall not exceed **1.0 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)	Suspended Solids	Not to exceed	100 mg/l.
3)	BOD 3 days 27 Deg. C.	Not to exceed	100 mg/l.
4)	COD	Not to exceed	250 mg/l.
5)	Oil & Grease	Not to exceed	10 mg/l.
6)	Total Dissolved Solids	Not to exceed	2100 mg/l.
7)	Chlorides	Not to exceed	600 mg/l.
8)	Sulphates	Not to exceed	1000 mg/l.
9)	Zinc	Not to exceed	5 mg/l.

- (iv) **Trade Effluent Disposal** : The treated effluent shall be used on land for gardening, plantation or reused/recycled to the maximum extent and remaining shall be sent to CETP for further treatment. There shall not be 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 27° 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 :**

Type of Waste	Qty	Treatment	Disposal
NA	NIL	-	-----

- (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:

(i) Domestic	...	2.0	CMD
(ii) Industrial Processing	...	4.0	CMD
(iii) Industrial cooling/ Boiler	...	3.0	CMD
(iv) Agriculture/Gardening	...	0.50	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:**

- 1) Scrubber of sufficient capacity shall be provided to control the emissions wherever & shall be operate properly & continuously.
- 2) There shall not be any fugitive emission.

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

(i)	SPM/TPM	Not to exceed	150.0 mg/Nm <sup>3</sup>
(ii)	SO <sub>2</sub>	Not to exceed	5.4 Kg/Day.
(iii)	HCL/Acid mist	Not to exceed	35 mg/Nm <sup>3</sup>
(iv)	Nox/SO <sub>2</sub>	Not to exceed	50 PPM.
(v)	Chlorine	Not to exceed	3 PPM.

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

Sr.No.	Type of Fuel	Quantity
1	LDO	150 Ltr/Day.

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

Sr.No.	Chimney attached to	Height in Mtrs.
1	Bioler	11

- 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.

**5. CONDITIONS UNDER HW (M, H & T) RULES, 2008:**

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

Sr. No.	Item No. of Process Generating H.W. as per Schedule-I	Type of Waste	Quantity	Disposal
1	34.3	Chemical sludge of w. water treatment	10 Kg/M	CHWT/SDF
2	28.2	Residue from production	25 Kg/M	CHWT/SDF

7. Whenever due to any accident or release of gases, other unforeseen act or even, such emission 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.

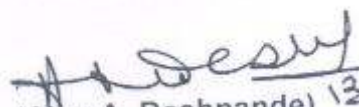
**8. General Conditions-**

- I. The applicant shall 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.
- II. The applicant shall bring minimum 33% of the available open land under green coverage/ 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 the 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 and conditions of this consent regarding pollution levels.
- V. The applicant shall not change or alter the 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 waste 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 expiry to the consent.
- VIII. The firm shall submit to this office, the 30<sup>th</sup> day of September every year, the Environmental Statement Report for the financial year ending 31<sup>st</sup> March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- IX. An 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 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 the 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.
09. **The consent should not be construed as any exemption from obtaining necessary NOC from other Govt. agencies as may deemed fit necessary.**
10. Capital investment of the industry is Rs.55.65/- Lacs.

Sd/-  
(Milind Mhaskar, IAS)  
Member Secretary

  
(Ajay A. Deshpande) 13/9/11  
Joint Director- PAMS

To,  
M/s. Asmee Chemicals; Plot No. T- 89, MIDC Tarapur, Boisar, Dist. Thane.

Copy to:

- 1) Regional Officer, MPCB, Thane } They are directed to ensure the  
2) Sub-Regional Officer, MPCB, Tarapur } compliance of consent conditions.  
3) Chief Accounts Officer, MPCB, Mumbai

Received Consent fee of -

Amount  
Rs. 9000/-

D.D.No.  
005246

Date  
29/03/2011

Drawn on  
ICICI Bank Ltd.

4] Cess Branch, MPCB.

5] Master file.