

MAHARASHTRA POLLUTION CONTROL BOARD

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Kalpataru Point, 3rd & 4th floor, Sion- Matunga
Scheme Road No. 8, Opp. Cine Planet Cinema, Near
Sion Circle, Sion (E),
Mumbai - 400 022

Red/SSI

Date: 27 /Nov/2014

Consent No: BO/AS (T)/O/EIC NO NM-5087-14/CC- 1172

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 (M&H) Rules respectively].

CONSENT is hereby granted to

M/s. Marvel Drugs Pvt Ltd.
Plot.No. W-24, MIDC Talaja,
Tal: Panvel, Dist : Raigad

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: - 31.01.2016
2. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UOM
01	Amido Phenyl Diazo Diam Ethyl Phenanthridinium Chloride	05	Kg/Day
02	Phenyl Diamino Ethyl Phenanthridinium Chloride/Bromide	30	Kg/Day
03	Atenolol	03	Kg/Day
04	Imino Phenyl Methylamine HCL (dil)	05	Kg/Day
05	Bismuth Tribromophenate	05	Kg/Day
06	Bismuth Subsalyclate	10	Kg/Day
07	Pyrazine 2,3 Dicarboxylic Acid	10	Kg/Day
08	Bromo Chloro Beta Gama Hydroxy Piperidyl Oxopropyl Propyl Oxobenzodiazone	07	Kg/Day
09	Trichloro Vinyl Disulfamyl Aniline	10	Kg/Day
10	Bis-Amidino Phenyl triazene bis-acetyl glycinate	67	Kg/Day
11	Hydroxy Hexanaphthene Naphthalenedione	03	Kg/Day
12	Amino Carbonyl Ethyl Methylamine HCL	48	Kg/Day
13	Dimethyl Ethyl Hexanaphthalene Methyl Hydroxy Dihydro Diketo Napthalene	01	Kg/Day

3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall be 3.00 m³.
- (ii) The daily quantity of sewage effluent from the factory shall not exceed 5.0 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 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	6.5 to 8.5
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	Phenolic comp.	Not to exceed	01 mg/l

(iv) **Trade Effluent Disposal:** The treated effluent shall be recycled/ reuse upto maximum extent and remaining shall be sent to CETP. 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 27p 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:** NA

(viii) **Other Conditions:** Industry should 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 purpose | ... | 12.00 | CMD |
| (ii) Water gets Polluted & Pollutants are Biodegradable | ... | 14.00 | CMD |
| (iii) Water gets Polluted, Pollutants are not Biodegradable & Toxic | ... | 0.00 | CMD |
| (iv) Industrial Cooling, spraying in mine pits or boiler feed | ... | 4.00 | CMD |
| (v) Gardening / plantation | ... | 0.00 | 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. Scrubber system of sufficient capacity shall be provided to reaction section to control the limit the emissions and operated properly.
- II. There shall not be any secondary (fugitive) emissions.

b. Standards for Emissions of Air Pollutants:

(i) SPM/TPM	Not to exceed	150.0	mg/Nm ³
(ii) SO ₂	Not to exceed	10.8	Kg/day
(iii) SO ₂ process	Not to exceed	50.0	ppm

Standards for Stack Emissions:

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

Sr. No.	Type Of Fuel	Quantity	UOM
01	LDO	300.00	Ltr / Day

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

Sr. No.	Chimney Attached To	APCS provided	Height in Mtrs.
1	Boiler	Stack	13.00
2	Process Reactor	Scrubber	7.00

- (iii) 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.
- (iv) 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 (MANAGEMENT, HANDLING & TRANSBOUNDARY MOVEMENT) RULES, 2008:

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

Sr. No.	Type Of Waste	Quantity	UOM	Disposal
1	28.1 Residue & Waste	1.00	MT/A	CHWTSDF
2	34.3 ETP sludge	5.0	Kg/M	CHWTSDF

- (ii) Treatment: - NIL

7. Whenever due to any accident or release of gases 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 and the production process should be stopped by taking all necessary safety measures. The

industry shall also monitor the emissions and ensure that the emissions do not cause any harm or nuisance in the surrounding. The industry should not restart the process without permission of the Board and other statutory organizations as require under the law.

8. 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 pre 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 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.
9. The consent should not be construed as any exemption from obtaining necessary NOC from other Govt. agencies as may deemed fit necessary.
10. The industry shall also comply with the Industry specific standards notified under Environment Protection Act.
11. If CETP does not operate efficiently and problem of pollution occurs, industry should voluntarily stop the production or total effluent should reuse.

12. This Board reserves the right to amend or add any conditions in this consent and the same shall be binding on the Applicant.
13. This consent is issued as per the delegation of powers to HOD's vide Office Order No. 31 of 2013 dtd. 01/03/2013.
14. Industry shall submit the Bank Guarantee of Rs. 2.0 Lakh within 15 days in favour of Regional Officer, Navi Mumbai towards operation and maintenance of Pollution Control Systems.
15. The Capital investment of the industry is Rs. 4.0 Cr. as per C. A. certificate submitted by the industry.

Mirash
28/11/14
(P. K. Mirashe)
Assistant Secretary (Technical)

To,
M/s. Marvel Drugs Pvt. Ltd.
Plot. No. W-24, MIDC Talaja,
Tal: Panvel, Dist : Raigad.

Copy to:

- 1] Regional Officer, Navi Mumbai / Sub Regional Officer- Talaja,
-They are directed to ensure the compliance of consent conditions.
- 2] Chief Accounts Officer, MPCB, Mumbai
- 3] Cess Branch, MPCB / Master file.

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
01	75,000/-	722216	02.01.2014	HSBC Bank
02	500/-	179415	01.02.2014	Dena Bank