

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010437/24020781/24014701

Fax: 24024068 / 24023516

Website: <http://mpcb.mah.nic.in>

E-mail: pci2@mpcb.gov.in

RED/LSI



Kalpataru Point, 2nd - 4th Fl.

Opp. Cine Planet Cinema,

Near Sion Circle, Sion (E)

Mumbai-400 022.

Consent no: BO/ JDPAMS /RO-KP/EIC-KP-10450-12/Amnd/ CAC-535

/07/2012

Date: 21/7/12

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 and Trans boundary Movements) Rules 2008 (To be referred as Water Act, Air Act and HW Rules respectively).

CONSENT is hereby granted to M/s. USV Ltd,
B-1/8 & Part B-1/8,
MIDC Lte Parshuram, Tq. Khed,
Dist. Ratnagiri,

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 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	Max. Qty.
1	Metformin Hydrochloride	12000 MT/Annum
2	Other Bulk Drugs	69 MT/Annum
3	R&D Products/Pilot plant activity	1.8 MT/Annum
By-Product		
1	Potassium Carbonate Salt	12.0 MT/Annum
2	Sodium Sulphate	12.0 MT/Annum
3	Hydrazine Hydrate salt	6.0 MT/Annum

3. CONDITION UNDER WATER ACT :

- (i) The daily quantity of trade effluent from the factory shall not exceed 260 M³
- (ii) The daily quantity of sewage effluent from the factory shall not exceed 56M³.
- (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 at 27° 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) Sulphates	Not to exceed	1000 mg/l.
8) Chlorides	Not to exceed	600 mg/l.
9) % Sodium	Not to exceed	60%.

(iv) **Trade Effluent Disposal** : The treated trade & sewage effluent shall be recycled to the maximum extent & excess if any shall be discharged to CETP for further treatment and disposal. In no case the treated effluent shall find its way to local nalla/outside factory premises.

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

Sr No	Type of waste	Quantity	Disposal
1	MS Drum, Glass Bottele, Fibre drums, Plasticcarboys, Paper Cartoons, Plastic waste	10.0Mt/M	By sale

(vii) **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	70 CMD
Industrial processing generating Bio-Degradable waste water	214 CMD
Industrial processing generating Non-Bio-Degradable waste water	Nil
Industrial Boiler/Cooling etc.	671 CMD
Any other and gardening.	45 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 which is also available on MPCB website at <http://mpcb.mah.nic.in/images/cessform1.pdf>

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) Air pollution Control equipment of adequate capacity shall be provided to limit the emissions.

- 2) Dust Collector of adequate capacity shall be provided to all source of TPM/SPM i.e. Bulk Drugs & Air ventilation section.
- 3) Wet Scrubber shall be provided to absorb gaseous emissions from the process .

B) Standards for Emissions of Air Pollutants :

(i)	SPM / TPM	Not to exceed	150 mg/Nm ³ .
(ii)	SO ₂	Not to exceed	1530 kg/Day
(iii)	SO ₂ from process	Not to exceed	50 ppm.
(iv)	Acid mist	Not to exceed	35 mg/Nm ³
(v)	Chlorine	Not to exceed	3ppm

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

<u>Sr. No.</u>	<u>Type of fuel</u>	<u>Quantity</u>
01	Furnace oil	16MT/day
02	Diesel	1050Kg/Hr

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

<u>Sr. No.</u>	<u>Chimney attached to</u>	<u>Height in mtrs.</u>
01	Boiler (I & II)	39
02	D. G. (1000 KVA) 2 nos.	h+ 6.5
03	D. G. (750KVA)	h+ 6.5
04	D. G. (500 KVA)	h+ 6.5
05	HCL scrubbers 3 nos	8.

h = height of building.

- (iv) The applicant shall provide ports in the chimney(s) and facilitates such as ladder platform etc. for monitoring the air emissions and the same shall be open for inspection / and for use of the Boards Staff. The chimney(s) vents attached to various sources of mission 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 70dB(A) during night time. Day time is reckoned in between 6 a.m. to 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 HW (M,H & TM) RULES,2008.

(i) The applicant shall handle Hazardous wastes as specified below :

Sl.	Item No. as per Sch-I	1. Type of Waste	2. Quantity MT/Annum	Disposal
1	5.1	Used / Spent oil	7.0	Sold to authorized reprocessor/Incineration
2	5.2	Waste Residue containing Oil	8.0	
3	20.1	Spent solvents Not intended for original use	30	CHWTSDF
4	20.3	Distillation residue	12	CHWTSDF
5	28.1	Residue and waste	180	CHWTSDF
6	28.2	Spent Catalyst/spent carbon	12	CHWTSDF/Sale for recovery
7	28.3	Off Specification products	24	CHWTSDF
8	28.4	Date Expired, discarded and off Specification drugs/Medicines	12	CHWTSDF
9	28.5	Spent solvent	33000	Sale to MPCB authorized solvent recycler/recovery for reuse/CHWTSDF
10	33.1	Chemical Containing Residue arising from decontamination	30	CHWTSDF
11	33.3	Discarded containers/Barrels/Liners used for hazardous waste Chemicals	500	Sale to authorized vendor after decontamination/CHWTSDF
12	34.1	Flue gas cleaning residue	18	CHWTSDF
13	34.2	Spent ion exchange resin containing toxic metals	0.48	CHWTSDF
14	34.3	Chemical Sludge from waste Water treatment	550	CHWTSDF
15	34.4	Oil & Grease Skimming Residue from Industry specific ETP	6.0	CHWTSDF
16	34.5	Chromium sludge from cooling tower	1.2	CHWTSDF

(ii) Treatment –

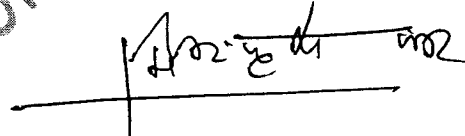
- (iii) The authorization is hereby granted to operate a facility for collection, storage, transport and disposal of hazardous waste.
- (iv) Industry shall prepared & implement the waste minimization program.

3. 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. 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 make an application for renewal of the consent at least 60 days before the date of the expiry of the consent. 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.
09. If CETP dose not work for achieving standards & problem of pollution occurs, industry shall voluntarily stop the production or total effluent shall be reused.
10. The consent should not be construed as any exemption from obtaining necessary NOC from other Govt. agencies as may deemed fit necessary.
11. The industry shall also comply with the Industry specific standards notified under Environment Protection Act.
12. This consent is issued by overriding earlier consent no. BO/ ZOPAMS /RO-ABAD/EIC-KP-6781-10/R/ CC- 88 date: 19/05 /2011.
13. Industry has proposed product mix change within consented limits; hence the consent is issued as per MoEF circular dt. 14.12.2006.
14. This consent is issued as per the "No increase in Pollution Load Certificate" issued by Dr. B. A. T. U., Lonere vide No. DBATU/Chem/CW/USVL/PVB dtd. May 16th, 2012 & industry letter dtd. 15/06/2012
15. This consent is issued pursuant to the decision of Consent Appraisal Committee meeting held on 03.07.2012.
16. The Capital Investment of the industry is Rs. 183 Crores.


 (Milind Mhaiskar, IAS)
 Member Secretary

To,
 M/s. USV Ltd,
 B-1/8, & Part B-1/8,
 MIDC Lte Parshuram, Tq. Khed,
 Dist. Ratnagiri

Copy to:

1. RO- Kolhapur /SRO-Chiplun-They shall ensure the compliance of consent conditions.
2. CAO/Cess Branch/Master File

Consent Fees paid

Sr. No.	Amount	DD/Cheque No.	Date	Bank
1	1,00,000/-	094237	09.05.2012	Axis Bank
2	50,000/-	094236	09.05.2012	Axis Bank
3	50,000/-	094637	18.05.2012	Axis Bank