

MAHARASHTRA POLLUTION CONTROL BOARD

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Kalpataru Point, 2nd - 4th Fl.
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Near Sion Circle, Sion (E)
Mumbai-400 022.

Red/LSI

Consent No. MPCB/RO(HQ)/EIC-MU-3332-12/O/CAC/B-646

Date: 10/10/2012

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 &T) Rules respectively].

.....
CONSENT is hereby granted to,

M/s. Aegis Logistics Ltd.
Plot No.72, Mahul Village,
Mumbai

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW(M,H &T) 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 is granted for period up to **28/2/2015**
2. The Consent is valid for the Storage and Handling of Chemicals to the **maximum capacity of 36100 KL at a time.**

No.	TANK NUMBER	TANK CAPACITY(KL)
1.	T - 152	1900 KL
2.	T - 154	2300 KL
3.	T - 156	2300 KL
4.	T - 157	2000 KL
5.	T - 159	4300 KL
6.	T - 160	2300 KL
7.	T - 161	4300 KL
8.	T - 162	2800 KL
9.	T - 163	3000 KL
10.	T - 164	4300 KL
11.	T - 165	4300 KL
12.	T - 166	2300 KL
	TOTAL	36100 KL

3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory should not exceed **NIL**
- (ii) The daily quantity of sewage effluent from the factory should not exceed **6.0M³**.

(iii) Trade Effluent:

Treatment: The applicant should 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. S. S.	Not to exceed	100 mg/l.
3. BOD 3 days 27° C	Not to exceed	100 mg/l.
4. COD	Not to exceed	250 mg/l.
5. O & G	Not to exceed	10 mg/l.
6. TDS	Not to exceed	2100 mg/l.
7. Chlorides	Not to exceed	600 mg/l.
8. Sulphates	Not to exceed	1000 mg/l.
9.% Sodium	Not to exceed	60%

(iv) **Trade Effluent Disposal:** The treated domestic effluent should be recycled/ reused to the maximum extent remaining should be disposed into Sewerage system provided by MCGM.

(v) **Sewage Effluent Treatment:** The applicant should 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 should be soaked in a soak pit, which should be got cleared periodically. Overflow, if any, should be disposed into Sewerage system provided by MCGM.

(vii) Non-Hazardous Solid Wastes: NIL.

(viii) Other Conditions: Applicant should monitor effluent quality regularly.

4. The applicant should 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	...	10.00 CMD
(ii) Industrial Processing	...	00.00 CMD
(iii) Industrial Cooling	...	42.00 CMD
(iv) Agriculture/Gardening	...	0.00 CMD

The applicant should 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 should 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:

Control Equipment:

Air pollution control equipments of sufficient capacity should be provided to Limit the emission.

a. Standards for Emissions of Air Pollutants:

(i) SPM/TPM	Not to exceed	150 mg/Nm ³
(ii) SO ₂	Not to exceed	6.0 Kg/day

Conditions for D.G. Set

- a. Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by Treating the room acoustically.
- b. Applicant should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) should also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
- c. The Applicant should take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 75 dB(A) during day time and 70 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m and night time is reckoned between 10 p.m to 6 a.m.
- d. Applicant should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
- e. Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
- f. Proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use
- g. D.G. Set should be operated only in case of power failure
- h. The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.

1. Standards for Stack Emissions:

(i) The applicant should observe the following fuel pattern

Sr. No.	Chimney Attached To	Height in Mtrs.
1.	DG Set (2 X 625 KVA)	14 Mtrs. Above the roof Bldg. in which it is installed

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

Sr. No.	Type Of Fuel	Quantity	UOM
1	Diesel	240	Kg/Hr.

(iii) **Other Conditions:**

- 1] The products /Chemicals should be properly stored in tanks which should be absolutely leak proof. At no stage of handling, there should be leakage or spillage.
- 2] The necessary arrangement for collection & treatment of leachate / tank bottom generated underneath the storage tank should be made along with provisions of Oil skimmers & necessary treatment arrangements for the same.

- 3] High level alarm synchronized with cut off capacity should be provided to the storage tanks.
- 4] The storage tanks should be kept in good conditions all the year round with adequate maintenance. The hazardous waste generated in handling, storage and transport should be disposed in accordance with Hazardous waste (M,H & T) Rules 2008 & related amendments made therein.
- 5] The project authority should prepare On-site & Off-site emergency preparedness plan based on detailed risk analysis.
- 6] The internal roads should be cement concrete and should be maintained with adequate green belt.
- 7] The working area should be impermeable & covered with roof / shed.
- 8] Control Equipment: Applicant should make necessary provisions to arrest the emissions of volatile hydrocarbons to Environment by the way of volatile matter absorption system to the tank vent and monitoring arrangement.
- 9] The Applicant should regularly monitor ambient air quality and the emission of Volatile Organic Compound particularly Benzene, Toluene and Xylene from MoEf approved laboratory.
- 10] Monitoring of ground water (through Piezometric wells) and soil at appropriate places at regular interval (every 3 months) should be carried out to ascertain that these are not getting polluted while operating the booster station.
- 11] The Applicant should not cause any nuisance in surrounding area.

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


The Applicant should handle hazardous wastes as specified below.

Sr. No.	Type Of Waste	Quantity	Disposal
	Industry shall not generate any type of Hazardous Waste		

7. Industry should comply with following general conditions:

- i. The applicant should 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 should 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 should take necessary permissions from civic authorities for disposal to dumping ground.
- iv. The applicant should 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 should stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.
- v. The applicant should 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 should 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 should pay to the Board for the services rendered in this behalf.

- vii. The applicant should make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
 - viii. The firm should 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. An inspection book should be opened and made available to the Board's officers during their visit to the applicant.
 - x. The applicant should 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 should be maintained.
 - xi. Separate drainage system should be provided for collection of trade and sewage effluents. Terminal manholes should be provided at the end of collection system with arrangement for measuring the flow. No effluent should be admitted in the pipes / sewers down- stream of the terminal manholes. No effluent should find its way other than in designed and provided collection System.
 - xii. Neither storm water nor discharge from other premises should be allowed to mix with the effluents from the factory
8. This consent should not be construed as exemption from obtaining Necessary NOC From any other Government agencies as may deem fit Necessary.
 9. The industry shall bring to the notice of Hon'ble High Court that the decision of the MPC Board and comply with the order passed by Hon'ble High Court.
 10. The Consent to Operate is issued with^{out} Prejudice to the order passed or being passed and compliance of those orders by project proponent.
 11. The industry shall submit the bank guarantee of Rs. 10 Lakhs within 15 days from the date of issue of this consent at Regional office, Mumbai for compliance of consent Conditions.
 12. The consent is issued with the approval of Consent Appraisal Committee of the Board in its meeting held on 24th September, 2012.
 13. The Total Capital Investment of Industry is Rs. 37.17Crore (excluding CRZ Tanks)


 (Rajeev Kumar Mital, IAS)
 Member Secretary

To,
M/s. Aegis Logistics Ltd.
Plot No.72, Mahul Village,
Mumbai

Copy to:
 RO, MPCB, Mumbai/ SRO, MPCB, Mumbai-III / CAO / HWM Wing (RO-HQ)/Cess Branch/Master file.

Received Consent fee of –

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1.	Rs.91,000/--	844023	30 th January, 2012	Dena Bank
2.	Rs.1,34,100/-	552180	21 st February, 2012	Bank of Baroda.