

MAHARASHTRA POLLUTION CONTROL BOARD

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Kalpataru Point, 2<sup>nd</sup> - 4<sup>th</sup> Floor  
Opp. Cine Planet Cinema,  
Near Sion Circle, Sion (E)  
Mumbai-400 022.

Major Port/Red/LSI

Consent No. MPCB/RO(HQ)/EIC-NM-3955-12/CR/B - 668

Date: 31/10/2012

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. Jawaharlal Nehru Port Trust  
Administrative Building,  
Sheva.Tal-Uran,Dist:Raigad.

located in the area declared under the provisions of the Water Act, Air act and Authorisation 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 upto **30/6/2013**.
2. The Consent is valid for the activity of handling of containers, Dry bulk cargos- **60.76 MT/A**.
3. **CONDITIONS UNDER WATER ACT:**

- (i) The daily quantity of trade effluent from the factory shall not exceed **NIL**.
- (ii) The daily quantity of sewage effluent from the factory shall not exceed **3900M<sup>3</sup>**.
- (iii) **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<sup>o</sup> C. Not to exceed 100 mg/l.
- (iv) **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.
- (v) **Non-Hazardous Solid Wastes:**

Sr. No.	Type Of Waste	Quantit	UOM	Treatment & Disposal
1	Sludge from STP	1000	Kg/M	Used as manure
2	Food Waste	6	T/Day	Recycled in Bio Composting Plant

- (v) **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 purpose	...	4800.00 CMD
(ii) Industrial Processing	...	00.00 CMD
(iii) Industrial Cooling	...	5900.00 CMD
(iv) Agriculture/Gardening	...	00.00 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:

Control Equipment:

1. Adequate fume extraction system followed by dust collector of sufficient capacity shall be provided at all dust generating locations and operated properly.
2. There shall not be any secondary (fugitive) emissions

**a. Standards for Emissions of Air Pollutants:**

(i) SPM/TPM	Not to exceed	150 mg/Nm <sup>3</sup>
(ii) SO <sub>2</sub>	Not to exceed	15 Kg/day
(iii) Acid Mist	Not to exceed	35 mg/Nm <sup>3</sup>

#### **6. Conditions for D.G. Set**

- a. Noise from the D.G. Set shall be controlled by providing an acoustic enclosure or by treating the room acoustically.
- b. Industry shall provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room shall 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) shall 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 industry shall 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. Industry shall 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 shall 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 shall be operated only in case of power failure.

h. The applicant shall not cause any nuisance in the surrounding area due to operation of D.G. Set.

**2. Standards for Stack Emissions:**

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

Sr. No.	Chimney Attached To	Height in Mtrs.
1.	DG Set ( 200X3 KVA)	10.00 Mtrs.
2.	DG Set ( 450X3KVA)	10.00 Mtrs.
3.	DG Set ( 500 X3KVA)	10.00 Mtrs.
4.	DG Set (1000 X2KVA)	10.00 Mtrs.

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

Sr. No.	Type Of Fuel	Quantity	UOM
1	HSD	31.65	KL/Day

(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.

**(v) 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.

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

The Industry shall handle hazardous wastes as specified below.

Sr. No.	Type Of Waste	Quantity	UOM	Disposal
1	3.3-Sludge and filter contaminated w oil	51.50	Kg/Day	CHWTSDf
2.	Used /Spent Oi	158	Lit /Day	CHWTSDf
3.	Waste/Residue containing oil	1.66	Kg/Day	CHWTSDf

1.The authorization is hereby granted to operate a facility for collection, storage, transport & disposal of hazardous waste.

a. 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.

**8. Industry shall comply with following general 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 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 pre 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.
9. The applicant shall comply conditions mentioned in letter received from MoEF, GOI , vide No.J-17011/18/96-IA-III Dated 22/7/2005 and Office Memorandum regarding Environmental Clearance vide letter No.J-11013/21/88-IA Dated 16<sup>th</sup> September,1988.
10. The applicant should ensure that no unauthorized activity should take place within the Port Trust Area and ensure that all necessary precautions and necessary arrangements are made for Environmental Protection.
11. The consent is granted with the condition that the entire individuals unit, if any operating in the premises should apply separately for grant of Consent from MPC Board. The Port Authority will considered equally responsible in case of non-Compliance with environmental Norms. The port is also enjoined to take action against defaulters under IPA, 1908.

12. This consent is issued with the decision of Consent Appraisal Committee Meeting of the Board held on 26/9/2012.
13. The Total Capital Investment of Industry is Rs. 390.420 Crore

  
(Rajeev Kumar Mital, IAS)  
Member Secretary

To,  
M/s. Jawaharlal Nehru Port Trust,  
Administrative Building,  
Sheva. Tal-Uran, Dist: Raigad

Copy to:

RO, MPCB, Navi Mumbai/ SRO, MPCB, Taloja / CAO / HWM Wing (RO-  
HQ)/Cess/Master File.

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1.	Rs.78,08,413/-	061655	12 <sup>th</sup> June 2012	SBI Bank
2.	Rs.6,40,148/-	062113	17 <sup>th</sup> August 2012	SBI Bank