

# MAHARASHTRA POLLUTION CONTROL BOARD

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Opp. Cineplanet  
Near Sion Circle, Sion (E),  
Mumbai- 400 022

Red/L.S.I

Date: 08/04/2013

Consent No: BO/JD(WPC)/ EIC No. NK-12485-12/CC-2950

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 & Transboundry Movement) Rules 2008

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

CONSENT is hereby granted to

M/s. Shree Raj Rajeshwari Pep Chem Industries Pvt Ltd.  
Plot No. G-5, MIDC Malegaon Sinnar  
Tq. Sinnar Dist. Nashik.

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW (M.H & TM) 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: 30.06.2015.
2. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UOM
1	Kraft Paper and Industrial paper & Paper Board	2500	MT/M
(Using waste paper as a raw material & without chemical pulping activity)			
2	Co-generatiion of electricity	0.5	MW

### 3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall not exceed 110.20M<sup>3</sup>.  
(Effluent generated shall be totally recycled back into the process)
- (ii) The daily quantity of sewage effluent from the factory shall not exceed 12.00M<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	Sodium absorption ratio	Not to exceed	30	mg/l.

(iv) **Trade Effluent Disposal:-** The treated trade effluent should be totally recycled 100% back into the process only. In no case, at any time effluent shall find its way to any water body directly or indirectly.

(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 27o C. | Not to exceed | 100 | mg/l. |

(vi) **Sewage Effluent Disposal:** The treated effluent should be soaked into soak pit which should be got cleaned periodical. Overflow if any be used on land for gardening only.

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

Sr. No.	Type Of Waste	Quantity	UOM	Treatment	Disposal
1	Boiler Ash	5.00	MT/Day		Sale to bricks manufacturer
2	ETP fibrous sludge	0.70	MT/Day		uses as manure
3	Packing waste	280.00	MT/A		Sale

(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 its amendment Rules, 2003 there under

The daily water consumption for the following categories is as under

- |       |   |     |            |
|-------|---|-----|------------|
| (i)   | Domestic purpose  | ... | 15.00 CMD  |
| (ii)  | Water gets Polluted & Pollutants are Biodegradable            | ... | 115.00 CMD |
| (iii) | Water gets Polluted, Pollutants are not Biodegradable & Toxic | ... | 0.00 CMD   |
| (iv)  | Industrial Cooling, spraying in mine pits or boiler feed      | ... | 290.00CMD  |

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:

Multi cyclone dust collection system of adequate capacity provided to all the boilers should be operated and maintained properly.

### b) Standards for Stack Emissions:

- 1) TPM Not to exceed 150 mg/Nm<sup>3</sup>
- 2) SO<sub>2</sub> Not to exceed 350 Kg/day.

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

Sr. No.	Type Of Fuel	Quantity	UOM
1	Coal	35.00	Mt/day

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

Sr. No.	Chimney Attached To	Height in Mtrs.
1	Boiler	30.00

(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.

## 6. 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. Industry 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) 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 55 dB(A) during day time and 45 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 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. A 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 shall 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.

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

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

Sr. No.	Type Of Waste	Quantity	UOM	Disposal
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The industry shall not generate any kind of hazardous waste.

- (ii) Treatment: - NIL
1. The authorization is hereby granted to operate a facility for collection, storage, transport & disposal of hazardous waste.
2. The industry should comply with the Hazardous Waste (M, H & TM) Rules, 2008.

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.

b. The unit has to display and maintain the data online outside the factory main gate in Marathi & English both on a 6'x4' display board in the manner and the report of the compliance along with photograph shall be submitted to this office & concerned Regional Office/ Sub Regional Office

8. The industry shall submit the Bank Guarantee of Rs. 5.0/- Lakh towards O & M of Pollution Control system. The Bank Guarantee shall submit within 15 days to the Regional Office Nashik. The Bank Guarantee will be valid for period up to: 30.06.2015.

9. The consent is issued pursuant to the decision of Consent committee Meeting held on 28.03.2013.
10. This consent shall not be construed as any exemption from obtaining necessary No Objection Certificate from the Govt. agencies as may deemed fit necessary.
11. The Board reserves the right to amend, revoke or add any condition in this consent and same shall be binding on the applicant.
12. The Capital investment of the industry is Rs. 41.96 Cr.

For and on Behalf of the  
Maharashtra Pollution Control Board

(Rajeev Kumar Mital IAS)  
Member Secretary

To,  
M/s. Shree Raj Rajeshwari Pep Chem Industries Pvt Ltd.  
Plot No. G-5, MIDC Malegaon Sinnar,  
Tq. Sinnar Dist. Nashik. Maharashtra -422103

Copy to:-

1. Regional Officer Nashik
- 2) Sub-Regional Officer Nashik.
- 3) CAO/Cess Wing

Received Consent fee of

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	100000	093238	17 Sep 2012	Bank of Baroda
2	50000	093296	03 Nov 2012	Bank of Baroda
3	50000	930458	19 Dec 2012	Bank of Baroda
4	125000	059867	05.04.2013	Bank of Baroda