

# 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/L.S.I

Date: 08/01/2013

Consent No: BO/JD(APC)/EIC No.PN-16229-12/O/CC/AC-751

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. Tetra Pak India Pvt. Ltd.  
Plot. No. B-53, MIDC, Chakan, Phase 2,  
Village - Vasuli  
Tal - Khed, Dist. Pune 410501

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 31/12/2013
2. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UOM
1	Aseptic Packaging Material (Inclusive of process waste)	180000.00	MT/A
2	Manufacture of Straw	120.00	Crs No/Yr.
3	Manufacturing of Machinery for dairy industry	400.00	Nos./Y
4	Manufacture of Machinery for Beverage industry	400.00	Nos./Y
5	Manufacture of Machinery for Cosmetic Industry	400.00	Nos./Y

### 3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall not exceed 109.0 M<sup>3</sup>
- (ii) The daily quantity of sewage effluent from the factory shall not exceed 40 M<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 standards as specified in schedule -VI of part A of Environmental protection Rules, 1986. These standards are applicable only for disposal of treated effluent on land for irrigation. Effluent standards applicable at the site delivery point

Sr.no	Parameter	Limits
1	pH	Between 5.5 to 9.0
2	BOD	Not to exceed 30 mg/l
3	COD	Not to exceed 250 mg/l
4	Oil & Grease	Not to exceed 10 mg/l
5	Suspended Solids	Not to exceed 100 mg/l
6	TDS	Not to exceed 2100 mg/l
7	Sulphate	Not to exceed 1000 mg/l
8	Chloride	Not to exceed 600 mg/l

(iv) **Trade Effluent Disposal:** The treated industrial effluent shall be recycled to the maximum extent and remaining treated effluent shall use on land for gardening. 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 27o C.	Not to exceed	100	mg/l.

(vi) **Sewage Effluent Disposal:** The domestic effluent shall be treated at Sewage Treatment Plant and shall be used on land for gardening / plantation only.

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

S.No.	Type	Qty	UOM	Disposal
1	Production Waste Paper	700.00	MT/M	By Sale
2	Production Waste Aluminium Foil	15.00	MT/M	By sale
3	Production Waste	200.00	MT/M	By sale
4	Production Waste	100.00	MT/M	By sale

(viii) **Other Conditions:**

- i) The unit shall carry out monthly monitoring of treated domestic as well as industrial effluent and submit the report of the same to the Board regularly
- ii) The unit shall take necessary efforts for segregation of solid waste at source only and disposal salable waste regularly. The records showing waste segregation at source to be maintained.
- iii) The unit shall take necessary efforts regarding rain water harvesting every monsoosn.

**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	...	50.0 CMD
(ii) Industrial Processing	...	110.0 CMD
(iii) Industrial Cooling	...	100.0 CMD
(iv) Industrial Processing & floor washing	...	00.0 CMD
(iv) Agriculture / Gardening	...	00.0 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:**

- i) Fume extraction system followed by Dust collection system of sufficient capacity should be provided to all sources of SPM/TPM shall be operated properly and continuously
- ii) Adequate fume extraction system followed by Wet scrubber shall be provided to capacitor and resistor shall be operated properly and continuously
- iii)
- iv) There shall not be any secondary (Fugitive) emissions.

**b. 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	Kg/Day

**c. Conditions for D.G. Set :**

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

Sr. No.	Type Of Fuel	Quantity	UOM
1	Natural Gas (LNG)	34400	SCM/Day

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

S.No.	Stack No.	Stack Attached	Height
1	1 & 3	DG Set (2.4 MW x 3 NOs)	30.00
2	4 & 5	Boiler (2 Nos)	30.00

6. 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.
7. 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.

(iii) **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.
- 3) The D.G. Set shall be utilized as a standby power source and shall be operate only in case of power failure

**8. 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
1	5.1 Used /spent oil	40.00	MT/Year	Sale to Auth. reprocessor
2	5.2 Wastes/residue containing oil	72.00	MT/Year	Sale to Auth. reprocessor
3	20.3 Distillation residues	80.00	MT/Year	CHWTSDF
4	33.2 Sludge from treatment of waste water	200.00	Nos/Year	CHWTSDF
5	34.3 Chemical sludge from waste water treatment	60.00	MT/Year	CHWTSDF

(ii) **Treatment - NIL**

- 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.
- c. It shall be ensured that the Hazardous waste is handled, managed & disposed of strictly in accordance with the **Rule 5 of the Hazardous Wastes (Management, Handling & Transboundry Movement) Rules 2008** and shown & submitted to the Board as & when asked for.

**9. 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

10. This issued with approval of Consent Appraisal Committee meeting of the Board held on dtd. 27/12/2012.
11. You shall submit Bank Guarantee of Rs. 5/- Lakh in favor of Regional Officer Pune within 15 days against operation & maintenance of effluent treatment plant to achieve consented standards. The Bank Guarantee shall be valid one year period.

The Capital investment of the industry is Rs 600.25 crs

(Rajeev Kumar Mital IAS)  
Member Secretary

To,  
M/s. Tetra Pak India Pvt. Ltd.,  
Plot. No. B-53, MIDC, Chakan, Phase - 2,  
Village - Vasuli,  
Tal - Khed, Dist. Pune 410501

- 1) Regional Officer/Sub-Regional Officer, MPCB Pune-They are directed to obtain the BG of Rs. 5/- Lakhs from the industry & submit the report within 1 month.  
3) Chief Accounts Officer, MPCB, Mumbai

Received Consent fee of

S.No.	Bank Name	DD. No.	DD. Dt.	Amount
1	HSBC Bank	347004	09/11/2012	1250100