

# MAHARASHTRA POLLUTION CONTROL BOARD

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

Red/L.S.I

Date: 22/02/2013

Consent No: BO/JD (WPC)/EIC-PN- 16834-13 /E/CC-CAC-[58]

Consent to Establish under Section 25 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 & TM) Rules respectively].

CONSENT is hereby granted to

Loknete Baburao Patil SSK Ltd.(Co-gen)

Laxminagar Angan, Tal. Mohol,

Dist. Solapur

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 Establish is granted for a period up to: Commissioning of the unit or 5 years whichever is earlier.
2. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UOM
1	Electricity	6.5	MW

### 3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall not exceed 20.00M<sup>3</sup>.
- (ii) The daily quantity of sewage effluent from the factory shall not exceed 4.00M<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
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	T.D.S.	Not to exceed	2100 mg/l
7	Sulphates	Not to exceed	1000 mg/l
8	Chlorides	Not to exceed	600 mg/l

- (iv) **Effluent Disposal:** The treated effluent shall be recycled / reused to the maximum extent in the process and rest shall be used for irrigation within factory premises 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 shall be recycled to the maximum extent and remaining shall be used on land for gardening.
- (vii) **Non-Hazardous Solid Wastes:**

Sr. No.	Type Waste	Quantity	UOM	Treatment Disposal
1	Boiler Ash	191.25	MT/M	Composting / Sale to brick manufacturer

(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 amendment Rules, 2003 there under**

The daily water consumption for the following categories is as under:

- (i) Domestic purpose ... 5.00 CMD  
 (ii) Water gets Polluted & Pollutants are Biodegradable ... 0.00 CMD  
 (iii) Water gets Polluted, Pollutants are not Biodegradable & Toxic ... 0.00 CMD  
 (iv) Industrial Cooling, spraying in mine pits or boiler feed ... 75.00CMD

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:**

Wet scrubber/ESP of sufficient capacity shall be provided to bagasse fired boiler.

**b) Standards for Stack Emissions:**

- 1) SPM Not to exceed 150 mg/Nm<sup>3</sup>  
 2) SO<sub>2</sub> Not to exceed 40 Kg/Hr

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

Sr. No.	Type Of Fuel	Quantity	UOM
1	Bagasse	1000	MT/D
2	Biogas	14640	M <sup>3</sup> /D

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

Sr. No.	Chimney Attached To	Height in Mtrs.
1	Boiler	65
2	Gas Engine	30

- (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.

**5. 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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--- No generation of Hazardous Waste ---

(ii) Treatment: -

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.

**6. 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 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.
  - xii. 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.
  - xiii. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
7. This Board reserves the right to amend or add any conditions in this consent and the same shall be binding on the applicant.
  8. This consent shall not be construed as any exemption from obtaining necessary No Objection Certificate from other Government agencies as may deemed fit necessary.
  9. This Consent is issued pursuant to the decision of the Consent Appraisal Committee meeting of the Board held on 05/02/2013.
  10. The Capital investment of the Co-generation unit expansion is Rs. 22.65 Crs. (Total Capital Investment of the industry is Rs.108.97 Crs.)

For and on Behalf of the  
Maharashtra Pollution Control Board,

(Rajeev Kumar Mital, IAS)  
Member Secretary

To,  
M/s. Loknete Baburao Patil SSK Ltd., (Co-gen)  
Laxminagar Angan, Tal. Mohol,  
Dist. Solapur

Copy to:  
Regional Officer, MPCB, Pune/ Sub-Regional Officer, MPCB, Solapur  
- They are directed to ensure the compliance of consent conditions.  
CAO / Cess wing

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	50000/-	360536	09 Jul 2012	Axis Bank

9. The Board reserves the right to amend or add any condition in this consent and same shall be binding on the applicant.
10. This consent shall not be construed as any exemption from obtaining necessary No Objection Certificate from other Government agencies as may deemed fit necessary.
11. **Industry shall submit fresh Bank Guarantee of Rs. 5.0 Lakhs towards Operation and Maintenance of pollution control system. The Bank Guarantee shall be submitted within 15 days at Regional Office Pune.**
12. This Consent is issued pursuant to the decision of the Consent Appraisal Committee meeting of the Board held on 05.02.2013.
13. The Capital investment of the industry is Rs. 11913.70Lacs.

For and on Behalf of the  
Maharashtra Pollution Control Board,

  
(Rajeev Kumar Mital, IAS)  
Member Secretary

To,  
M/s. Cargill India Pvt. Ltd.,  
E - 45, , Daund ,  
Plot. No. E - 45, MIDC Kurkumbh, Tal - Daund,  
Dist - Pune

Copy to: RO, MPCB, SRO, MPCB, Pune -I: - They are directed to collect the Bank Guarantee from industry within 15 days and ensure the compliance of consent conditions.

CAO / Cess Branch / Master File.

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	296200	041535	06 Sep 2012	Deutsche Bank
2	15000	029310	29 Sep 2012	Deutsche Bank
3	100	017859	17 Oct 2012	Deutsche Bank