

MAHARASHTRA POLLUTION CONTROL BOARD

Tel : 2402 0781 / 2401 0437

Fax : 2402 4068

Visit us at :

Website : <http://mnpccb.mah.nic.in>

E-mail : mnpccb@vsnl.net



Kalpataru Point,
2nd, 3rd & 4th floor,
Opp. Cineplanet,
Near Sion Circle, Sion (E),
Mumbai - 400 022.

Regd. No. EIC nos-PN-7847-10

Consent No. MPQBHO/AS(T)/Pune/CC/operate/ 2-9

Date: 21 / 11 / 2011

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 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

M/s. Malegaon S.S.K. Ltd.,
(Co-Generation Unit),
At-Shivnagar, Tal-Baramati
Dist. Pune.

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 31.10.2012.
2. The Consent is valid for the manufacture of -

Sr.	Product	Max. Qty.
1	Electricity (Co- generation)	24 MW

3. CONDITIONS UNDER WATER (PREVENTION & CONTROL OF POLLUTION) ACT, 1974:

- i. The daily quantity of trade effluent from the factory shall not exceed- 212.0 M³.
- ii. The daily quantity of sewage effluent from the factory shall not exceed 5 M³.

iii. Trade Effluent:

Treatment: The applicant shall treat the effluent generated mentioned above in their existing (sugar plant) 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	T.D.S.	Not to exceed	2100 mg/l
7	Chlorides	Not to exceed	600 mg/l
8	Sulphates	Not to exceed	1000 mg/l

iv. Trade Effluent Disposal : The treated effluent shall be used on land for gardening within factory premises only. In no case trade effluent shall find its way to local Nalla.

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 27° C.	Not to exceed	100 mg/l.

vi. **Sewage Effluent Disposal :** The treated domestic effluent shall be soaked into soak pit which shall be got cleaned periodically. Overflow, if any, shall be connected to the sewerage system provided by local body / shall be used on land for gardening / plantation only.

vii. **Non-hazardous Solid Wastes :**

Type of waste	Quantity	Treatment	Disposal
Boiler Ash/ fly ash	---	---	As compost /construction material or landfill.
ETP Sludge	---	---	

viii. **Other conditions :** The industry should monitor effluent quality regularly.

4. The applicant shall comply with the provisions of the **Water (Prevention & Control of Pollution) Cess Act, 1973** (to be referred as Cess Act) and Rules thereunder:

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

(i) Domestic	...	5	CMD
(ii) Industrial Processing	...	66	CMD
(iii) Industrial Cooling	...	334	CMD
(iv) Agriculture/Gardening	...	---	CMD

The applicant shall regularly submit to the Board the returns of water consumption in the prescribed form with the Cess as specified under Section 3 of the said Act.

5. **CONDITIONS UNDER AIR (PREVENTION & CONTROL OF POLLUTION) ACT, 1981:**

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 :** ESP provided to bagasse fired boiler should be operated and maintained continuously so as to limit the air emissions.

B) **Standards for Emissions of Air Pollutants :**

(i) SPW/TPM	Not to exceed	150 mg/Nm ³
(ii) SO ₂	Not to exceed	4400 kg/day

ii. The applicant shall observe the following fuel pattern :-

Sr.No.	Type of Fuel	Quantity
1.	Bagasse	1100 MT/day

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

Sr.No.	Chimney attached to	Height in Mtrs.
1.	Boiler - I & II	65

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

(i) The applicant shall handle hazardous wastes as specified below:

Sr. no.	Item No. of process generating HW as per Schedule-I	Type of Waste	Quantity	Disposal
1.	5.1	Used /Spent Oil	0.75 MT / Month	Reuse in boiler as fuel

7. 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, Regional 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. **General Conditions :**
 - a. The applicant shall maintain good house keeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area/inhabitants.
 - b. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
 - c. **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.
 - d. The applicant shall 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 shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent regarding pollution levels.
 - e. The applicant shall not change or alter the 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.
 - f. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
 - g. **The applicant shall make an application for renewal of the consent at least 60 days before the date of expiry to the consent.**
 - h. The firm shall 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.
 - i. The inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
 - j. The applicant shall install a separate 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.
 - k. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow of 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.
 - l. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
 - m. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
9. The industry shall comply with the conditions as stipulated in Environmental Clearance granted by Government of Maharashtra vide no. ENV(NOC)2005/1614/CR.228/D.1 dtd. 26.05.2006.
10. This is issued with the recommendation of Consent Committee meeting held on 11.10.2011 of the Board and with the approval of the Hon'ble Chairman of the Board.
11. The industry shall upgrade the ETP of sugar factory to achieve prescribed standards within three months period from the issue of this consent and shall submit an Irrevocable Bank Guarantee of Rs. 5,00,000/- valid for one year in favour of Regional Officer, MPCB, Pune before commencement of production activity against the same.

12. This Board reserves the right to amend or add any conditions in this consent and the same shall be binding on the Applicant.
13. The Capital Investment of the said Co-Gen Plant is ₹ 54.13 Crs and total capital investment of the industry is ₹ 73.75 Crs.

For and on behalf of the
Maharashtra Pollution Control Board


19.11
(Milind Mhaiskar, IAS)
Member Secretary

To:
M/s. Malegaon S.S.K. Ltd.,
(Co-Generation Unit),
At Shivnagar, Tal-Baramati

Copy to:
RO-Pune/ SRO-Pune-I -- it is directed to monitor the improvement in performance and submit the report to the respective co-ordinating head in HQ accordingly.
CAO / Cess Branch / Master File

Received Consent fee of -

Amount	D.D. No.	Date	Drawn on
Rs. 5,100/-	781629	25/01/2010	P.D.C.C. Bank
Rs. 1,50,000/-	515797	16/05/2010	Axis Bank
Rs. 75,000/-	54333	05/11/2011	Axis Bank