

MAHARASHTRA POLLUTION CONTROL BOARD

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Mumbai-400 022.

RED/LSI

Consent No. BO/JD(WPC)/RO-ABD/EIC NO AD8789-11/E/CC-652

Date 17/10/2012

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 & T) Rules respectively].

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CONSENT is hereby granted to

**M/s Bhima Shankar Sahakari Starch Karkhana Ltd.,
At Belkund,
Tal. Auas, Dist. Latur,**

located in the area declared under the provisions of the Water Act, Air act and Authorisation under the provisions of (M,H & T) Rules 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 up to commissioning of unit or 5 years which ever is earlier
2. The consent is valid for the manufacture of –

Sr. No.	Product	Maximum Quantity (KL/A)
1	Maize Starch Powder	13200Mt/Year
2	Liquid Glucose	8250Mt/year
3	Gluten	1980Mt/Year
4	Maize Germ	1980Mt/Year

3. **CONDITIONS UNDER WATER ACT :**

- (i) The daily quantity of trade effluent from the factory shall not exceed 310 M³.
- (ii) The daily quantity of sewage effluent from the factory shall not exceed 5 M³.
- (iii) **Trade Effluent :**

Treatment : The applicant should operate comprehensive treatment system consisting of primary/secondary and/or tertiary treatment as is warranted with reference to influent quality 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	Sodium Absorption Ratio	Not to exceed	30 Mg/l

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- (iv) **Trade Effluent Disposal** : The treated trade effluent should be recycled/ reused to the maximum extent and remaining should be use on land for gardening with in factory premises only. In no case effluent shall find its way into any inland surface water nalla or stream.
- (v) **Sewage Effluent Treatment** : The applicant should operate comprehensive treatment system as is warranted with reference to influent quality 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 Deg. C.	Not to exceed	30	mg/l.

- (vi) **Sewage Effluent Disposal** : The treated sewage effluent should be soaked into soak pit which should be got cleaned periodically. Overflow, if any be used on land for gardening only.
- (vii) **Other conditions** : The industry should monitor effluent quality regularly

4. The applicant should comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 (to be referred as Cess Act) and Rules there under:
The daily water consumption for the following categories is as under:

i	Domestic	30	CMD
ii	Industrial Processing	610	CMD
iii	Industrial Cooling / Boiler	60	CMD
iv	Agriculture/Gardening	----	CMD

The applicant should 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 should operate a comprehensive control system consisting of control equipments as is warranted with reference to generation of emission and maintain the same continuously so as to achieve the level of pollutants to the following standards :

Control Equipment : Mechanical Dust Collector of sufficient capacity shall be provided to control the particulate emissions.

- (i) **Standards for Emissions of Air Pollutants :**

1	SPM/TPM	Not to exceed	150 mg/Nm ³
2	SO ₂	Not to exceed	1 T/day

The applicant should observe the following fuel pattern :-

Sr	Fuel Type	Quantity
1	Coal	108 MT/ day.

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

Sr.	Chimney attached to	Height in mt.
1	Boiler	45

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- (iv) The applicant should provide ports in the chimney/(s) and facilitates such as ladder, platform etc. For monitoring the air emissions and the same should be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission should be designated by numbers such as S-1, S-2, etc. And these should be painted / displayed to facilitate identification.
- (v) The industry should take adequate measures for control for 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 p.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 from MoEF approved laboratory.

6. CONDITIONS UNDER HAZARDOUS WASTE (Management ,Handling & Transboundary Movement) RULES, 2008 :

The industry should not generate any kind of Hazardous Wastes.

- 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 should 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 should be stopped.
- 8. **General Conditions:**
 - (i) The applicant should bring minimum 33% of the available open land under green coverage/ plantation. The applicant should submit a yearly statement by 30th September every year on available open plot area, no. of trees surviving as on 31st March of the year and no. of trees planted by September end.
 - (ii) The applicant should provide for an alternate electric power source sufficient to operate all pollution control facilities installed by he applicant and operate the same in case of power failure to maintain compliance with the terms and conditions of the consent. In the absence of same, the applicant should stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.
 - (iii) The applicant should make an application for renewal of the consent at least 60 days before the date of the expiry of the consent. The applicant should 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.
 - (iv) The firm should submit MPCB, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as pre the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992 before 30th September every year.
 - (v) The applicant should 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 should be maintained. The applicant should also submit a comparative statement of designed power and chemical consumptions vis-a vis actual power and chemical consumption along with Environmental statement.

- (iv) Separate drainage system should be provided for collection of trade and sewage effluents. Terminal manholes should be provided at the end of collection system with arrangement for measuring the flow. No effluent should be admitted in the pipes/sewers down- stream of the terminal manholes. No effluent should find its way other than in designed and provided collection system. Neither storm water nor discharge from other premises should be allowed to mix with the effluents from the factory.
- (v) The applicant should 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 should pay to the Board for the services rendered in this behalf. An inspection book should be opened and made available to the Board's officers during their visit to the applicant.
- (vi) The industry should ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
- (ix) The applicant should 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.
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. **The applicant shall obtain Consent to Operate before Actual Commencement of the production activity.**
9. **This consent is issued pursuant to the decision of Consent I committee meeting of Board held on 03.04.2012**
10. **The capital investment of the industry is Rs. 32.81 Crore.**

For and on Behalf of the
Maharashtra Pollution Control Board,


(Rajeev Mital)
Member Secretary

To
M/s Bhima Shankar Sahakari Starch Karkhana Ltd.,
At Belkund,
Tal. Auas, Dist. Latur,

Copy to: RO, MPCB , Aurangabad/ SRO, MPCB, Sangli / CAO / HWM Wing - HQ
Received Consent fee of –

Amount	D.D. No.	Date	Bank
50,000/-	993126	21.07.2011	Union Bank of India
25,000/-	482343	21.09.2012	Bank of Baroda