

MAHARASHTRA POLLUTION CONTROL BOARD

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Mumbai-400 022.

RED/LSI

Consent No. BO/ JD (WPC)RO-Thane/EIC-TN 2950-11/0/ECC- **CAI-29** Date: **28/11/2011**

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].

CONSENT is hereby granted to --

**M/s. Kaira District Co-op Milk Producers Union Ltd. (Amul),
S.No 31/2 A to E, & 44/2, Village Tokare,
Tq. Vasai, Dist- Thane,**

located in the area declared under the provisions of the Water Act, Air Act and Authorisation 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 Establish is granted for a period up to Commissioning of Unit or five years whichever is earlier.
2. The consent is valid for the manufacture of --

Sr.	Products	Max. Qty.
1.	Pasteurized Milk	7604167L/day
2.	Butter Milk	1250000Ltrs/day
3.	Curd (Yoghurt)	250MT/M

3. **CONDITIONS UNDER WATER ACT :**

- (i) The daily quantity of trade effluent from the factory should not exceed 150 m³
- (ii) The daily quantity of sewage effluent from the factory should not exceed 5 m³.

(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)	T.D.S.	Not to exceed	2100 mg/l.

- (iv) **Trade Effluent Disposal :** The treated trade effluent shall be reused in the cooling system to the maximum extent possible and excess may be used on land for irrigation within factory premises.

- (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 | 100 | mg/l. |

- (vi) **Sewage Effluent Disposal** :The treated domestic effluent should be soaked into pit which should be got cleaned periodically. Overflow, if any should be used on land for gardening/plantation within own premises.

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

Type of Waste	Quantity	Treatment	Disposal

- (viii) **Other conditions :**

1)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 thereunder:

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

(i) Domestic	...	10	CMD
(ii) Industrial Processing	...	182	CMD
(iii) Industrial Cooling	...	10	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 :

A) **Control Equipment** : Dust collector of sufficient capacity shall be provided to boiler.

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

(i)	SPM/TPM	Not to exceed	150	mg/Nm ³
(ii)	SO ₂	Not to exceed	605	kg/day

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

Sr.No.	Type of Fuel	Quality
1.	F.O.	280 Lt/Hr.

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

Sr.No.	Chimney attached to	Height in Mtrs.
1.	Hot water Generator)	37
2.	D.G.Set	5 Meters above the roof.

- (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 monitor emissions and ambient air quality regularly.
 - 2) The industry should not cause any nuisance in surrounding area if any, will have to shift the unit on its own cost.

6. **CONDITIONS UNDER HW (M,H & T) RULES, 2008 :**

The applicant shall not generate any Hazardous Waste.

- 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 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, no. of trees surviving as on 31st March of the year and no. of trees planted by September end.
 - (ii) The applicant shall 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 shall stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.
 - (iii) The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent. 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.
 - (iv) The firm shall 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 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. The applicant shall also submit a comparative statement of designed power and chemical consumptions vis-a vis actual power and chemical consumption along with Environmental statement
 - (vi) 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. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.

- (vii) 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. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- (viii) 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.
- (ix) 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.
9. This consent should not be construed as exemption from obtaining necessary NOC from any Other Government agencies as may deemed fit necessary.
10. Industry shall obtain consent to Operate before starting the production activity.
11. The Consent is issued pursuant to the decision of Consent Appraisal committee meeting of Board held on 09.11.2011.
12. Proposed Capital investment of the industry is Rs 120Crores.

For and on Behalf of the
Maharashtra Pollution Control Board,


25/11
(Milind Mhaiskar)
Member Secretary

To :
M/s. Kaira District Co-op Milk Producers Union Ltd.(Amul),
S.No 31/2A to E, & 44/2, Village Tokare,
Tq. Vasai, Dist- Thane,

Copy to: RO, MPCB, Kolhapur/ SRO, MPCB, Kolhapur / CAO / HWM Wing (RO-HQ)

Received Consent fee (in Rs.) vide.	Amount	D.D. No.	Date	Bank Name
	1,00,000/-	106271	21/03/2011	Axis Bank
	20,100/-	251411	25/04/2011	
	1,20,000/-	109101	19/11/2011	