

# MAHARASHTRA POLLUTION CONTROL BOARD

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

Consent No. BO/ RO-Aurangabad/AST/ EIC-AD-8292-11/E/ CC-440 Date: 16/06/2012

**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) Rules respectively].**

CONSENT is hereby granted to

**M/s. Adlers Bio-Energy Ltd., (Expansion)**  
Sr. no. 284 (B), AP- Gurgaon,  
Tal-Kallamb, Dist-Osmanabad

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 Establish is granted for a period upto – Commissioning of the project or five years which ever is earlier.

**“Consent to Establish will be operational only after obtaining Environmental Clearance from competent authority by the applicant and subject to the compliance of conditions stipulated in an Environmental Clearance including conditions which may be more stringent, if stipulated by/in the Environmental Clearance.”**

2. The Consent is valid for the manufacture of -

Sr.	Products	Max. Qty.
	<b>Grain based Distillery as per Environmental Clearance</b>	
1	Extra Neutral Alcohol or Rectified Sprit	1050 KL/M
	<b>By-products</b>	
2	Impure Sprit	78 KL/M
3	CO2	800 MT/M
4	Distillers Dried Grain Soluble (DDGS) or Distillers Wet Grain Soluble	1800 MT/M or 4500 MT/M

**The distillery shall remain closed during rainy season.**

3. **CONDITIONS UNDER WATER (PREVENTION & CONTROL OF POLLUTION ) ACT, 1974:**
  - (i) The daily quantity of trade effluent generated from the factory shall not exceed 229 M<sup>3</sup>.
  - (ii) The daily quantity of sewage effluent from the factory shall not exceed 2 M<sup>3</sup>.

(iii) **Trade Effluent:**

**Treatment :** The applicant shall provide comprehensive treatment system consisting of primary / secondary and/or tertiary treatment along with multiple effect evaporator and the concentrated syrup shall be mixed with wet cake and used as cattle feed 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 3days 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)	Total dissolved Solids	Not to exceed	2100 mg/l.

(iv) **Trade Effluent Disposal:** The treated trade effluent shall be recycled/reused at maximum extent and remaining, if any, shall be used on land for gardening / plantation within own premises only. The industry shall make available adequate land for the disposal of treated effluent generated from their unit.

(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 used on land for gardening / plantation only.

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

<u>Sr. No.</u>	<u>Type of waste</u>	<u>Quantity</u>	<u>Treatment &amp; Disposal</u>
1.	ETP Sludge	2 MT/day	Composting and used as manure
2.	Boiler Ash	5 MT/day	By sale to brick manufacturer

(viii) **Other conditions :**

1. The industry shall monitor effluent quality regularly.
2. **Spent grain shall not be stored for more than 24 hrs. & moisture content should be less than 5% by dry basis, it should not cause any smell nuisance in the surrounding area**
3. **The other existing units located in the same vicinity of the project shall comply with CREP guidelines before obtaining consent to operate for proposed grain based distillery.**

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

(i) Domestic	...	3	CMD
(ii) Industrial Processing	...	222	CMD
(iii) Industrial Cooling/boiler	...	125	CMD
(iv) Agriculture/Gardening	...	---	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 (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/Ventury scrubber/Dust Collector of adequate capacity shall be provided to limit the air emissions.

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

(i)	SPM/TPM	Not to exceed	100	mg/Nm <sup>3</sup>
(ii)	SO <sub>2</sub>	Not to exceed	---	kg/day

**C) Conditions for D.G. Set : NIL**

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

<u>Sr.No.</u>	<u>Type of Fuel</u>	<u>Quantity</u>
.....	NIL	.....

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

<u>Sr.No.</u>	<u>Chimney attached to</u>	<u>Height in mt.</u>
1.	Existing Boiler will be utilised	

- (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.
  - 3) **The industry may utilise steam from boiler of existing plant located at same plot.**

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

(i) The applicant shall not generate any type 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 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.

**8. General Conditions :**

1. 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.
2. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30<sup>th</sup> September every year on available open plot area, number of trees surviving as on 31<sup>st</sup> March of the year and number of trees planted by September end.
3. 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.
4. 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.
5. 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.

6. 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.
  7. The applicant shall make an application for renewal of the consent at least 60 days before the date of expiry to the consent.
  8. 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 per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
  9. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
  10. 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.
  11. 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. 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.
  12. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
  13. 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 applicant shall not take any effective steps towards implementation of the project before obtaining Environmental Clearance as per EIA notification, 2006 and amendments thereto. If any non-compliance of the conditions of consent to Establish observed, the Board will initiate appropriate legal action including forfeiture of bank guarantee, revocation of consent & further action.**
10. **This is issued with the recommendation of Consent Committee meeting held on 30.05.2012 of the Board and with approval of the Hon'ble Chairman of the Board.**
11. **The applicant shall obtain Consent to Operate before Actual Commencement of the production activity.**
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 said expansion project is Rs. 20 Crs. and total capital investment of the industry is **Rs. 82.14 Cr.**

  
(Milind Mhaskar)  
Member Secretary

To,  
**M/s. Adlers Bio-Energy Ltd., (Expansion)**  
Sr. no. 284 (B), AP- Gurgaon, Tal-Kallamb, Dist-Osmanabad

Copy to:  
RO-Aurangabad/ SRO-Latur/CAO/ Cess Branch/ Master File

Received Consent fee of -

Amount	D.D. No.	Date	Drawn on
Rs.20,000/-	569980	28.04.2011	SBH
Rs. 30,000/-	127076	08.06.2012	SBI