

# MAHARASHTRA POLLUTION CONTROL BOARD

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Ref/LSI

Date: **23/01/2015.**

Consent No: Format -1.0/BO/CAC-CELL/FIC NO. PN-23603-14/E/CAC- **4662**

To,

M/s. Daund Sugars Ltd., (Distillery Unit),  
G. No. 99, Village Alegaon (Kadam Vasti),  
Tal. Daund, Dist. Pune.

**Subject: Consent to Establish for expansion of proposed 45 KLPD molasses base Distillery Unit under RED category.**

Ref : 1. Consent to Operate granted by the Board to the existing unit vide no. BO/CAC-CELL/FIC No. PN-22494-14/R/CAC-634 dtd. 19.01.2015.

2. Minutes of the CAC meeting held on 15.04.2015.

Your application: C/1412000635.

Dated: 02.12.2014.

For: Consent to Establish for expansion of proposed 45 KLPD molasses base Distillery Unit under RED category, 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 under Rule 5 of the Hazardous Wastes (M, H & T M) Rules 2008 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. The consent is granted for a period up to commissioning or up to 5 years whichever is earlier.
2. The Capital investment of the proposed expansion is Rs 84.77 Crs & Capital investment of the existing 45 KLPD distillery is Rs. 22.17 Crs.  
(As per C.A. Certificate submitted by industry)
3. The Consent is valid for the manufacture of -

Sl. No.	Product / By-Product Name	Maximum Quantity	UoM
1	Rectified Spirit	1350	KL/M
2	Total Impure Spirit	30414	KL/M

(Distillery Capacity shall not exceed Molasses based 45 KLPD)

4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sl. no.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	450 (315 after volume reduction)	As per Schedule -I	Bio- methanisation followed by Multiple effect evaporation followed by Incineration Boiler.
2.	Domestic effluent	Nil.	NA	NA.

5. Conditions under Air (P&CP) Act, 1981 for an emission:

Sr. No.	Type of Waste	Quantity	EOC	Disposal
1	Distillation Residue	20.3	15	MT Mixed with Ccmpost

per signature - ii

6. Conditions under Hazardous Waste (M, H & T M) Rules, 2008 for treatment and disposal of hazardous waste:

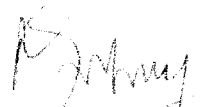
Sr. No.	Type of Waste	Quantity	EOC	Disposal
1	Distillation Residue	20.3	15	MT Mixed with Ccmpost

7. Non-Hazardous Solid Wastes:

Sr. No.	Type of Waste	Quantity	EOC	Treatment	Disposal
----- Nil -----					

8. The applicant should not take any effective steps for implementation of the project before obtaining Environmental Clearance as per EIA Notification 2006 and amendments thereto. As per Para 2 of EIA notification dated-14/09/2006, the effective steps include starting of any construction work or preparation of land by the project management. However as clarified by the MoEF vide office memorandum no. J-1103/41/2006-IA.II(I); Dated-19/8/2010, fencing of the site to protect it from getting encroached & construction of temporary shed(s) for the guard(s) & acquisition of land shall not be treated as an effective steps.
9. Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
10. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.
11. Industry shall comply the Directions of the CPCB issued vide dtd. 05.02.2014 & 02.03.2015 regarding installation of online monitoring system, if applicable.

For and on behalf of the  
Maharashtra Pollution Control Board

  
(Dr. P. Anbalagan, IAS)  
Member Secretary

Received Consent fee of -

Sr. No.	Amount (₹)	DD No.	Date	Drawn On
01	Rs. 1,25,000/-	612981	01.12.2014	SBI Bank.

Copy to:

1. Regional Officer - MPCB, Pune, and Sub -Regional Officer - Pune - I, MPCB, They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Mumbai.
3. CAC desk- for record & website updation purposes.

Schedule-I

1) Terms & Conditions for compliance of Water Pollution Control

A) You have proposed compliance of effluent treatment as follows:-  
 Bio-digester followed by Imhoff tank followed by Clarifier followed by Inclination Bed for its  
 incinerate the concentrated spent wash

B) In no any case spent wash shall find it's way out side the factory premises directly or indirectly.

C) The operation of distillery should be restricted to 270 days in a year and that it will not operate during rainy season.

- i) The industry shall create Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
- 2) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines if applicable.

11) Conditions under Water (Prevention & Control of Pollution) CESS Act, 1977 as amended  
 The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 and as amended, by installing water meters, filing water cess returns in Form-I and other provisions as contained in the said act.

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, boiler feed etc.,	50.0
2.	Domestic purpose	00.0
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	750.0
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	—

**Schedule II**  
**Terms & conditions for compliance of Air Pollution Control**

1. As per your application, you have proposed to install the following air pollution control system also proposed in respect following stack (s) to observe the following pattern

Sl. No.	Name of the Plant	Air Pollution Control System	Height in meters	Kind of Fuel	Capacity in Tons/Day	Efficiency %	Sulphur %	SO <sub>2</sub> Kg/Dry
1	Incineration Boiler (40 TPH)	ESP	82	Coal	84	MT/D	0.5	840
				Conc. Spent wash	300	MT/D	---	---

- The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
- The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
- The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Particulate matter	Not to exceed	150 mg/Nm <sup>3</sup>
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- The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.

*[Handwritten Signature]*

**Schedule III**  
**Details of Bank Guarantees**

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1.	C to E for expansion of proposed 45 KLPD distillery.	10/- Lakhs	15 days	Not to take any effective steps for implementation of the project prior to obtaining EC & compliance of C to E conditions.	Upto Commissioning of the unit.	1 year

- the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 10 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 10 meters from acoustic enclosure, main and lift avenues.
- 17) Industries should take steps to bring down noise level due to DG set through industrial premises, which are as follows:-
- d) Installation of DG set should be strictly in compliance with recommendations of DG Set manufacturer.
  - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
  - f) D.G. Set shall be operated only in case of power failure.
  - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - h) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
- 17) The industry should not cause any nuisance in surrounding area.
  - 18) 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.
  - 19) The applicant shall maintain good housekeeping.
  - 20) 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 31<sup>st</sup> March of the year and number of trees planted by September end.
  - 21) 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 of solid waste.
  - 22) 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. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
  - 23) 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.
  - 24) The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can be downloaded from MPCB official site).
  - 25) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
  - 26) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dt. 16.11.2009 as amended.
  - 27) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
  - 28) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.

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