

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010437/24020781/24014701

Fax: 24024068 /24023515

Website: <http://mpcb.gov.in>

E-mail: jdwater@mpcb.gov.in



Kalpataru Point, 2nd - 4th Floor,

Opp. Cine Planet Cinema,

Near Sion Circle, Sion (E)

Mumbai - 400 022

Red/LSI

Consent No: Format 1.0/BO/JD(WPC)/EIC No.AD - 17074-15/E/CC- MPCB/16/09122

Date: 16/07/2016.

To,
M/s. Kirti Agrovat Ltd.,
B-30, Additional MIDC Latur,
Tal. & Dist- Latur.

Subject : Consent to First Operate with amalgamation under RED category.

- Ref : 1. Consent to Operate granted by Board No. MPCB/ROA/LTR/O/CC-83/494/2013,
Date: 18/04/2013.
2. Consent to Establish No. - BO/JD (WPC)/EIC No.AD-15521-14/R/HOD-
MPCB/15/04996, Date: 30/04/2015s

Your application: CO1604000041

Dated: 16/04/2016.

For: Consent to First Operate with amalgamation under RED category.
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 6 of the Hazardous and Other Wastes (M & T M) Rules 2016 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 period from 01/04/2016 to 31/03/2021.
2. The capital investment of the industry is Rs. 24.50 Crs.
(As per C. A. Certificate submitted by industry)
3. The Consent is valid for the manufacture of -

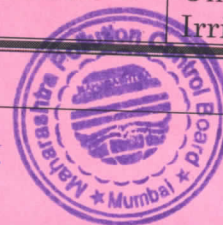
Sr. No.	Product Name	Maximum Quantity	UOM
1	Soya Crude Oil [OR] S.F. Crude Oil	6,500 9,000	MT/M MT/M
2	Oil Cake	27,500	MT/M
3	DOC	30,000	MT/M
4	Refined Oil	9,000	MT/M
5	Acid Oil	1600	MT/M
6	Lisithine	1200	MT/M
7	All Types of Atta	200	MT/M

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

Sr. no.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	91.50	As per Schedule -I	On land for Irrigation
2.	Domestic effluent	11.60	As per Schedule -I	On land for Irrigation

M/s. Kirti Agrovat Ltd., SRO Latur/1/R/L/18311000

Page 1 of 8



5. **Conditions under Air (P & CP) Act, 1981 for air emissions:**

Sr. no.	Description of stack / source	Number of Stack	Standards to be achieved
1.	Boiler I & II	1	As per Schedule - II
2.	Boiler III	1	As per Schedule - II
3.	Thermic Fluid Heater	1	As per Schedule - II
4.	Thermic Fluid Heater	1	As per Schedule - II
5.	D.G. Set (500 KVA) X 2 Nos.	1	As per Schedule - II

6. **Conditions under Hazardous & Other Waste (M & T M) Rules, 2016 for treatment and disposal of hazardous waste:**

Sr. No.	Type of Waste	Category	Quantity	UoM	Disposal
1.	Sludge from WWT	35.3	1.0	MT/M	CHWTSDF/Authorised Soap Manufacturer

9. **Non-Hazardous Solid Wastes:**

Sr. No.	Type of Waste	Quantity	UOM	Treatment	Disposal
1.	Boiler Ash	10.0	MT/M	---	Sale to Brick Manufacturer
2.	Residue containing Oil	1.25	MT/M	---	Authorised Soap Manufacturer

10. This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
11. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.
12. All the industries / projects either existing or new or under expansion and withdrawing groundwater should obtain the prior permission of Central Ground Water Authority.

For and on behalf of the
Maharashtra Pollution Control Board



Dr. Y. B. Sontakke
Joint Director
(Water Pollution Control)

Received Consent fee of -

Sr. No.	Amount (Rs.)	DD. No.	Date	Drawn On
1	2,50,000/-	52016032210010116	10/06/2015	Union Bank of India

Copy to:

1. Regional Officer - MPCB Aurangabad, and Sub -Regional Officer - Latur, MPCB- to ensure the compliance of consent conditions.
2. Chief Accounts Officer, MPCB, Mumbai.
3. JD(WPC) Section desk- for record & website updation purposes.

Schedule-I

I) Terms & Conditions for compliance of Water Pollution Control

- 1) A] As per your application, you have proposed primary, secondary and tertiary Effluent Treatment Plant (ETP) with the design capacity of **91.50 CMD**.
- B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr. No.	Parameters	Standards prescribed by Board
		Limiting Concentration in mg/l, except for pH
01	pH	5.5-9.0
02	Oil & Grease	10
03	BOD (3 days 27°C)	30
04	Sulphate	1000
05	Suspended Solids	100
06	COD	200
07	Chloride	600
08	Total Dissolved Solids	2100

- C] The treated effluent 91.50 CMD shall be recycled / reused to the maximum extent and remaining shall be disposed on land for irrigation. In no case, at any time effluent shall find its way to any water body directly or indirectly.
- 2) A] As per your consent application, for the 11.60 CMD sewage generation you have provided the Septic tank and Soak Pit.
- B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.
- | | | | | |
|-----|------------------|---------------|-----|-------|
| (1) | Suspended Solids | Not to exceed | 100 | mg/l. |
| (2) | BOD 3 days 27°C | Not to exceed | 100 | mg/l. |
- C] The treated sewage shall be disposed on land for gardening/irrigation.
- 3) The industry shall have bilateral agreement with the farmers on whose land the treated effluent is used for irrigation purposes and a copy of the agreements with validity shall be submitted to the Regional/Sub- Regional Office of the Board.
- 4) 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.

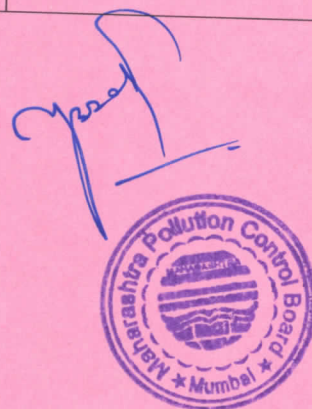


- 5) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines if applicable.

II) 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.,	375.00
2.	Domestic purpose	19.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	209.00
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 the Air pollution control (APC) system and following stack (s) to observe the following fuel pattern-

Sr. No	Stack Attached to	APC System	Height in meter	Type of Fuel	Quantity	S %	SO ₂ Kg/Day
1	Boiler I & II	Dust Collector	42.0	Bagasse	200 MT/Day	0.2	100
2	Boiler III		45.0	OR Coal OR Wood			
3	Thermic Fluid Heater	---	10	---			
4	Thermic Fluid Heater	---	10	---			
5	D.G. Set (500 KVA)	---	5*	HSD	100 Ltr/Day	1	1.6
6	D.G. Set (500 KVA)	---	5*				

2. The Applicant shall operate and maintain Air Pollution control equipments OR as per the conditions of EP Act, 1986 and rule made there under from time to time / Environmental Clearance / CREP guidelines.
3. 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 ³
--------------------	---------------	------------------------

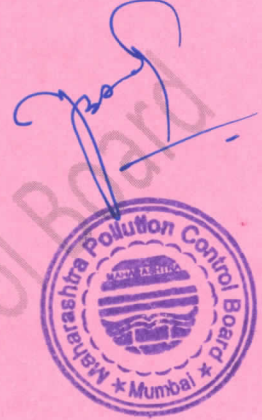
4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
5. The Board reserves its 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).



Schedule-III
Details of Bank Guarantees

Proposed Bank Guarantee:

Sr. No.	Consent (C to E/O/R)	BG Guarantee	Submission Period	Consent conditions	Validity
1	C to O	Rs. 5.0 Lakhs	15 days	O & M of Pollution Control Systems	31/07/2021



Maharashtra Pollution Control Board

Schedule-IV
General Conditions

- 1) 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.
- 2) Industry should monitor effluent quality, stack emissions and ambient air quality monthly.
- 3) 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.
- 4) 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.
- 5) The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed 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.
- 6) 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.
- 7) The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous & Other Waste (M & T M) Rules, 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc should go for that purpose, in order to reduce load on incineration and landfill site/environment.
- 8) The industry should comply with the Hazardous & Other Waste (M & T M) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous & Other Waste (M & T M) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
- 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** make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
- 11) Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
- 12) The industry shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day compliance of consent condition towards Environment Protection.
- 13) 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 downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
- 14) Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
- 15) 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.
- 16) Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.



- b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
- c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
- d) Installation of DG Set must 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 31st 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 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.

—0000—

