

MAHARASHTRA POLLUTION CONTROL BOARD

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Mumbai - 400 022

Red/MSI

Date: 14.09.2015

Consent No : Format 1.0/BO/JD(WPC)/EIC No. PN- 26167-15//CE/CE-MPCB/15/12052

To,
M/s. Regola Bio-Chemical Pvt. Ltd.,
Gat No. 3413, Talegaon Dhamdhare,
Tq. Shirur Dist. Pune.

Subject: Consent to Establish RED Category.

Ref : 1. Consent application submitted by Sub-Regional Officer, Pune-II.

Your application No. CE 1508000220 dated 08.07.2015.

For: 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 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 annexed to this order:

1. The consent to establish is granted for a period upto : Commissioning of the unit or five years whichever is earlier.
2. The actual capital investment of the industry is Rs. 9.10 Crs. (and other asset, as per C.A. Certificate submitted by industry)
3. The Consent is valid for the manufacture of -

Sr. No.	Product / By-Product Name	Maximum Quantity in MTA
1.	Anhydrous Alcohol (Ethanol)	1800 KL/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	3.00	As per Schedule -I	On land for irrigation
2.	Domestic effluent	3.00	As per Schedule -I	On land for irrigation

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	Thermic Fluid heater	I	As per Schedule -II

M/s. Regola Bio Chemicals Pvt. Ltd., SRO Pune-II/IR/M/66103562



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

Sr. No.	Type Of Waste	Category	Quantity	UOM	Treatment	Disposal
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Non-Hazardous Solid Wastes

Sr. No.	Type of Waste	Quantity	UOM	Treatment	Disposal
1	Fly ash/ bottom ash	3.00	T/M	—	Sale to bricks mfg./compost filler material.

7. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
8. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.



For and on behalf of the
Maharashtra Pollution Control Board

Dr. Y.B. Sontakke
Joint Director (WPC)

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	25100	40154	08.07.2015	Janseva Co-op. Bank

Copy to:

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

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

1) A] As per your application, you have provided the Effluent Treatment Plant (ETP) with the design capacity of 3.0 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 (If any)
		Limiting Concentration in mg/l, except for pH
01	pH	5.5 -9.0
02	Oil & Grease	10
03	BOD (3 days 27oC)	100
04	Chlorides	600
05	Suspended Solid	100
06	COD	250
07	Sulphates	1000
08	TDS	2100

C) The treated effluent shall be recycled/reused to the maximum extent and remaining shall be used on land for gardening/irrigation within factory premises only. In no case, at any time effluent finds its way to any water body directly or indirectly.

2) A.] As per your consent application, you have provided the sewage treatment system with the design capacity of 3.0 CMD.

B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards/ prescribed under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

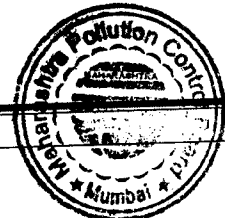
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|-----------------------|---------------|-----|-------|
| (1) Suspended Solids. | Not to exceed | 100 | mg/l. |
| (2) BOD 3 days 27oC. | Not to exceed | 100 | mg/l. |

C] The treated sewage shall be disposed on land for gardening/irrigation.

3) 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 and extension or addition thereto.

4) 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.

5) 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, spraying in mine pits or boiler feed	36.00
2.	Domestic purpose	4.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	2.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	----

- 6) 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 guidelines.



Schedule-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have provided the Air pollution control (APC) system and also erected following stack (s) and to observe the following fuel pattern-

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S %	SO ₂ Kg/Day
1	Thermic fluid heater	Bag filters/wet scrubber	30.00	Briquettes	378.00 Kg/Hr.		---

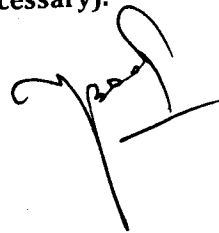
2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time / Environmental Clearance guidelines.

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
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4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement 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).



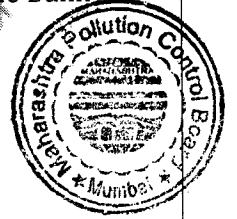


Schedule-III

Specific Conditions of Bank Guarantee & time Bound programme

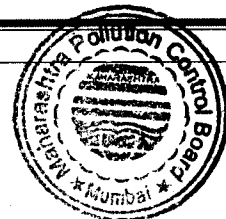
Sr. No.	Consent conditions	Bank Guarantee amount	Time for compliance	Compliance report with remarks by SRO
1	Towards compliance of consent to establish conditions	Five Lacs	Monthly	Monthly

Above Bank Guarantees shall be submitted within 15 days to Regional Office Pune. The Bank Guarantees will be valid upto: 30.09.2020.



Rules, 2008 for the preceding year April to March in Form-IV by 30th June of every year.

- 16) 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.
- 17) 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.
- 18) Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
- 19) 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.
- 20) 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
- 21) The industry should not cause any nuisance in surrounding area.
- 22) 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.
- 23) The applicant shall maintain good housekeeping.
- 24) 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.
- 25) 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.
- 26) 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.
- 27) 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.
 - 28) 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).
 - 29) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
 - 30) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dt. 16.11.2009 as amended.

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