

MAHARASHTRA POLLUTION CONTROL BOARD

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Kabaranu Point, 3rd & 4th floor, Sion- Matunga
 Scheme Road No. 8, Opp. Cine Planet Cinema, Near
 Sion Circle Stop, (E)
 Mumbai - 400 022

Ref/L.S.I

Date: 25/10/2014

Consent No: BOI/AS/PRO/Range/IEIC/NO/PN-2013-14/5960

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, 1986 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 Shogun Organics Ltd
 Plot No D-18 MIDC Kurla
 Tal. Dahanu Dist. Pune

located in the area dedicated 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 establish Upto commissioning of the unit or 5 years whichever is earlier.
2. The Consent is valid for the manufacture of

Sr. No.	Product Name	Maximum Quantity	UOM
1	Imidacloprid Tech	5.00	MT/M
2	LV With 0.80% Transfluthrin	7.00	MT/M
3	LV With 0.80% Transfluthrin	7.00	MT/M
4	Imidacloprid 2.5% Ge	1.25	MT/M
5	Imidacloprid 7.8% SL	1.25	MT/M
6	Imidacloprid 30.5% SC	1.25	MT/M
7	Fipronil 5% Ge	1.25	MT/M
8	Transfluthrin 1% EU	3.00	MT/M
9	Fipronil Tech	2.50	MT/M
10	Permethrin Tech	1.20	MT/M
11	Cypermethrin Tech	4.50	MT/M
12	Deltamethrin Tech	2.00	MT/M
13	Bifenthrin Tech	1.50	MT/M
14	DEET Tech	1.50	MT/M
By-Products			
1	Hydrochloric Acid	445.00	Kg/M
2	Sodium sulphate	780.00	Kg/Day

3. CONDITIONS UNDER WATER ACT

- (i) The daily quantity of trade effluent from the factory shall not exceed 3.85 M³,
 (ii) The daily quantity of sewage effluent from the factory shall not exceed 4.00M³,
 (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	Oil & Grease	Not to exceed	10 mg/l
3	Suspended Solids	Not to exceed	100 mg/l
4	BOD 3 days 27° C	Not to exceed	100 mg/l
5	COD	Not to exceed	250 mg/l
6	TDS	Not to exceed	2100 mg/l
7	Sulphates	Not to exceed	1000 mg/l
8	Chlorides	Not to exceed	600 mg/l

- (iv) Trade Effluent Disposal: The treated effluent shall be recycle to the maximum extent & achieve zero discharge by providing MBR.

- (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 in a soak pit, which shall be deslanted periodically. Overflow, if any, shall be used as aeration tank of ETP.

- (vii) Non-Hazardous Solid Wastes

Sr. No.	Type Of Waste	Quantity	UOM	Treatment & disposal
				Nil

- (viii) Other Conditions: Industry should monitor effluent quality regularly.

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 amendment Rules, 2003 there under

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

(i)	Domestic purpose	4.0 CMD
(ii)	Water gets Polluted & Pollutants are Biodegradable	3.45 CMD
(iii)	Water gets Polluted, Pollutants are not Biodegradable & Toxic	0.00 CMD
(iv)	Industrial Cooling, spraying in mine pits or boiler feed	1.90 CMD

The applicant shall regularly submit to the Board the returns of water consumption in the prescribed form and pay the fees as specified under Section 3 of the said Act.

5. CONDITIONS UNDER AIR ACT:

(i) The applicant shall install a comprehensive control system consisting of control equipments as is warranted with reference to generation of emissions and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:

a. Control Equipment:

a) Scrubbers of adequate capacity shall be provided to process reactor or any other sources of emissions to limit the air emissions.

b. Standards for Emissions of Air Pollutants:

(i) **SPM/TSP:** Not to exceed 150.0 mg/m³

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

Sr. No.	Type Of Fuel	Quantity	UOM

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

Sr. No.	Chimney Attached To	Height in Mtrs.

(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 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.

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.

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

(i) The Industry shall handle hazardous wastes as specified below.

Sr. No.	Type Of Waste	Quantity	UOM	Disposal
1	343 Chemical Sludge from waste treatment Plant	6.5	MT/A	CHWTSDF

(ii) Treatment: NIL

7. Whenever due to any accident or gas leakage or other unforeseen act or even, such emissions occur or is apprehended or occur in excess of standards laid down, such information shall be forthwith reported to Collector, Directorate of Industry, Safety and Health, Police Station Fire Brigade, Directorate of Health Services, Department of Explosives, Board and Local Body and the production process should be stopped by taking all necessary safety measures. The industry shall also monitor the emission and ensure that the emissions do not cause any harm or nuisance in the surrounding. The industry should not restart the process without permission of the Board and other statutory organization as require under the law.

8. Industry shall comply with following additional conditions:

- i. The applicant shall maintain good housekeeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area / inhabitants.
- ii. The applicant shall bring minimum 33% of the available open land under green coverage / tree plantation.
- iii. 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 in dumping ground.
- iv. 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 curbed production to abide by terms & conditions of this consent regarding pollution levels.
- v. 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 in consent without previous written permission of the Board.
- vi. The applicant shall provide facilities for collection of environmental samples and samples of trade and sewage effluent, 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.
- vii. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
- viii. 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.
- ix. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- x. The applicant shall install a separate electric 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.
- xi. 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.
- xii. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.

10. This consent shall not be construed as any exemption from obtaining necessary No Objection Certificate from other Government agencies as may deemed fit necessary.
11. This consent is issued as per power delegation to HOD's vide office order No 31/2013 dated 01-08-2013.
12. 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. & submit Environmental Impact Report to the Regional Officer Pune vide office order dated 11/11/2013 towards compliance of the same. As per Para 2 of EIA notification dated 14/06/2006, the effective steps include starting of any construction work or preparation of land by the project management. However, as clarified by the MHEP vide office memorandum no. J-119341/2006-IA II(D) Dated-19/8/2010/7, action of the site to protect it from cattle encroached & construction of temporary shed(s) for the guard(s) & acquisition of land shall not be treated as an effective steps.
13. If any non-compliance of the conditions of consent to Establish observed, the Board will initiate appropriate legal action including, revocation of consent and further action.
14. The Capital investment of the project is Rs 1.74 Cr.


 (P. K. Mirashe)
 Assistant Secretary, (Technical)

To,
 M/s Shogun Organics Ltd.
 Plot No D-18 MIDC, Ry. Panchajanya,
 Tal. Daund, Dist. Pune.

Copy to
 RO Pune/SRO Pune

- They are directed to ensure the compliance of consent conditions.
 CAO/Case Branch/Master file
 Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	5000/-	136118	24/01/2014	The South Indian Bank

(Balance Fees Rs 10,416/- is consider for consent to establish)