

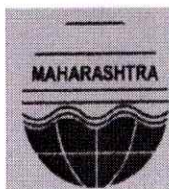
MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 0253/2365150

Fax : 0253/2365140

Email : ronashik@mpcb.gov.in

Visit At : <http://mpcb.gov.in>



Udyog Bhavan, First Floor

Trimbak Road, Near ITI, Satpur,
Nashik - 422007

Orange/S.S.I

Date: 13/03/2020

Consent No: RO-NASHIK/CONSENT/2003000800

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 & Trans-boundary Movement) Rules 2008

[To be referred as Water Act, Air Act and HW (M&H) Rules respectively].

.....
CONSENT is hereby granted to;

M/s. Nirbhay Biotech,
Plot No. 5, Gat No. 466/A/(1)/3, At - Shinde.
Tal- & Dist -Nashik.

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 up to:- 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
1	Bio fertilizer, Micronutrient, Bio-stimulant, Bio-pesticides, Plant growth Regulator, Liquid Fertilizer.	As per annexure -I The production of 4 products at a time is permitted.

3. CONDITIONS UNDER WATER ACT:

(i) The daily quantity of trade effluent from the factory shall be Nil.

(ii) The daily quantity of sewage effluent from the factory shall not exceed 0.60 M³.

(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 effluent quality and operate and maintain the same continuously so as to achieve the quality of the treated effluent to the following standards:

(iv) Trade Effluent Disposal: NA.

(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 got cleaned periodically. Overflow, if any, shall be used on land for gardening / plantation only.

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

S.N.	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) Act 1974.

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

- | | | |
|-------|---|-------------|
| (i) | Domestic purpose | ...1.00 CMD |
| (ii) | Water gets Polluted & Pollutants are Biodegradable | ...0.00 CMD |
| (iii) | Water gets Polluted, Pollutants are not Biodegradable & Toxic | ...0.00 CMD |
| (iv) | Industrial Cooling, spraying in mine pits or boiler feed | ...0.00 CMD |

5. CONDITIONS UNDER AIR ACT :

- (i) The applicant shall install a comprehensive control system such as dust collector / Scrubber 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:
- (ii) Standards for Emission of Air Pollutants.
- | | | |
|--------------------|---------------|------------------------|
| 1. SPM/TPM | Not to exceed | 150 mg/Nm ³ |
| 2. SO ₂ | Not to exceed | --- |

1. Control Equipment:

- (i) Industry shall provide dust collection system of sufficient capacity to avoid source emissions.

6. Standards for Stack Emissions:

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

Sr. No.	Type Of Fuel	Quantity	UOM
Nil			

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

Sr. No.	Chimney Attached To	Height in Mtrs.
NA		

- (iii) 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.

(iv) Other Conditions:

- The industry should not cause any nuisance in surrounding area.
- The industry shall achieve The National Ambient Air Quality Standards (NAAQS) published in 2009 G.S.R826 (E), dated 16.11.2009.

7. CONDITIONS UNDER HAZARDOUS WASTE (MANAGEMENT, HANDLING & TRANSBOUNDARY MOVEMENT) RULES, 2016:

- (i) The Industry shall not generate any hazardous waste.

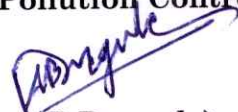
8. Industry shall comply with following additional conditions:

- 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 to 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, control 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 for without previous written permission of the Board.
- vi. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, 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.
- xiii. The project authorities shall install well designed water sprinkling arrangements including fixed and mobile sprayers for dust suppression.

9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Statutory/Government agencies.

10. This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
11. The applicant shall obtain permission from Central Ground Water Authority in case of use of ground water.
12. The Capital investment of the industry is Rs. 9.86 Lacs.

For and on behalf of the
Maharashtra Pollution Control Board


(Amar B Durgule)
Regional Officer, Nashik.

To,
M/s. Nirbhay Biotech,
Plot No. 5, Gat No. 466/A/(1)/3, At - Shinde.
Tal- & Dist -Nashik.

1. Sub-Regional Officer, MPCB Nashik.
2. Master File.

Received Consent fee of -

Sr. No.	Amount(Rs.)	Transaction No.	Transaction Date
1	500/-	TXN1907000534	06.07.2019

Annexure - I

M/s. Nirbhay Biotech,
Plot No. 5, Gat No. 466/A/(1)/3, At - Shinde.
Tal- & Dist -Nashik.

Sr.No	Name of Product	Maximum Quantity / M	Unit
1	Micronutrient Fertilizer as per FCO1985 (Mah. State Grade No. 01 To Grade No.11)	40	MT/Y
2	Ferrous Sulphate, EDDHA Fe & Ferrous EDTA	40	MT/Y
3	Magnesium Sulphate & Mg. EDTA	40	MT/Y
4	Magnese Sulphate & Mn-EDTA	40	MT/Y
5	Zinc Sulphate & Zn-EDTA	20	MT/Y
6	Copper Sulphate & Cu-EDTA	40	MT/Y
7	Calcium -EDTA	10	MT/Y
8	Citric Acid	2	MT/Y
9	Boric Acid	1	MT/Y
10	Calcium Nitrate	1	MT/Y
11	Magnesium Nitrate	40	MT/Y
12	Phosphorous Acid & Phosphoric Acid	10	MT/Y
13	Ascorbic Acid	20	MT/Y
14	Sulphur Liquid & Powder	0.1	MT/Y
15	Ammonium molybdate	10	MT/Y
16	Cobalt Sulphate	0.1	MT/Y
17	Humic Acid Powder & Liquid	0.1	MT/Y
18	Amino Acid Powder & Liquid	10	MT/Y
19	Acetone(G.A. Solvent)	10	MT/Y
20	Pottasium Silicate Powder & Liquid	5	MT/Y
21	Weating & Dispersing Agent	3	MT/Y
22	Plant Growth Hormones & Biostimulant	2	MT/Y
23	Pottasium Meta-bisulphate	5	MT/Y
24	Bio-Fertilizer	2	MT/Y
25	Pottasium Hydroxide Solution (B.A. Solvent)	20	MT/Y
26	Plant Growth Regulator (Liquid)	2	MT/Y
27	Mono-Ammonium Phosphate	10	MT/Y
28	Mono-Pottasium Phosphate	40	MT/Y
29	Pottasium Nitrate	40	MT/Y
30	Pottasium Sulphate	40	MT/Y
31	Acetic Acid	40	MT/Y
32	Buteric Acid	2	MT/Y
33	Pottasium Biocarbonate	2	MT/Y
34	N:P:K (19:19:19)	3	MT/Y
35	Biopesticide	40	MT/Y
36	Formulation of Agrochemical & Biochemical	5	MT/Y
37	Fungicide	10	MT/Y
38	Formulation of pesticide	5	MT/Y

39	N:P:K (13:40:13)	5	MT/Y
40	N:P:K (00:52:34)	5	MT/Y
41	N:P:K (12:61:00)	5	MT/Y
42	N:P:K (13:00:45)	5	MT/Y
43	N:P:K (00:00:50)	5	MT/Y

(Only mixing and packaging without any chemical reaction / Process activity is permitted. Use of any hazardous waste such as Spent Acid, Acid Slurry etc and any type of Non- Ferrous scrap as raw material are not allowed. The production of 4 product at a time is permitted)

For and on behalf of the
Maharashtra Pollution Control Board

(Amar B Durgule)
Regional Officer, Nashik.

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