



TELANGANA STATE POLLUTION CONTROL BOARD

REGIONAL OFFICE, RANGAREDDY DISTRICT

H.No.6-3-1219, Block C, Ward No.91, 2nd Floor, Backside of Country Club,
Kundanbagh, Umanagar, Begumpet, Hyderabad - 500016.

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Environmental Engineer

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CONSENT ORDER FOR ESTABLISHMENT – ORANGE CATEGORY

Order No. 147-ibp/TSPCB/RO-RRD/CFE/2023-

Date:19.12.2023

Sub: TSPCB – RO – RRD - CONSENT FOR ESTABLISHMENT (CFE) – **M/s. Ferax Biotech Pvt. Ltd., Sy.No.54/A, 54/AA, Chintapallyguda (V), Ibrahimpatnam (M), Rangareddy District** - Consent for Establishment of the Board under Sec.25 of Water (Prevention and Control of Pollution) Act, 1974 and under Sec.21 of Air (Prevention and Control of Pollution) Act, 1981 – **Issued – Reg.**

Ref: 1. Industry's application for Consent for Establishment of the Board forwarded through TS-iPASS vides UID No. MIC0060035135300 & TSOCMSS Application No. 4931972 received in this office on 28.11.2023.
2. Inspection of the site and surroundings on 06.12.2023.
3. Payment of balance consent fee on 18.12.2023.

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1. In the reference 1st cited, an application was submitted to the Board seeking Consent for Establishment (CFE) to setup Fertilizer (Granulation / Formulation / Blending only) as mentioned below, with an investment of **Rs.40.00 Lakhs (In Words Rupees Forty Lakhs only)**.

Sl.No.	Name of the Products and By-products	Quantity
1	Manures (Liquids)	1 KL/day
2	Manures (Granules Powder)	6.6 TPD
3	Feed Supplements (Cattle/Poultry/Aqua) (Liquids)	1.5 KL/day
4	Feed Supplements (Cattle/Poultry/Aqua) (Granules Powder)	1 TPD
5	Organic Plant Nutrients (Liquid)	1.5 KL/day
6	Organic Plant Nutrients (Granules Powder)	3.0 TPD
7	Organic Plant Growth Promoter (Liquid)	2.6 KLD
8	Organic Plant Growth Promoter (Granules Powder)	4.6 TPD
9	Bio fertilizers (Liquids)	1 KL/day
10	Bio fertilizers (Granules)	1 TPD

2. As per the application, the above activity is to be located at **Sy.No.54/A, 54/AA, Chintapallyguda (V), Ibrahimpatnam (M), Rangareddy District**.
3. The above site was inspected by the Board Officials of Regional Office, Rangareddy, T.S. Pollution Control Board on 06.12.2023 and found that the industry is surrounded by **East:** Pavan Rice Industry; **West:** Raviryala lake outlet; **South:** Pavan Rice Industry & HPCL Petrol bunk; **North:** Raviryala lake outlet. **Latitude & Longitude :** 17.215033, 78.612374.

4. The Board, after careful scrutiny of the application, hereby issues CONSENT FOR ESTABLISHMENT (CFE) to the industry, under Section 25 of Water (Prevention and Control of Pollution) Act, 1974 and under Section 21 of Air (Prevention and Control of Pollution) Act, 1981 and the rules made there under. This Order is issued to manufacture the products mentioned at para (I) only.
5. This Consent Order now issued is subject to the conditions mentioned in Schedule 'A' and Schedule 'B'.
6. This order is issued from pollution control point of view only. Zoning and other regulations are not considered.

Encl: Schedules "A & B".

To
M/s. Ferax Biotech Pvt. Ltd.,
Sy.No.54/A, 54/AA, Chintapallyguda (V),
Ibrahimpattam (M), Rangareddy District


ENVIRONMENTAL ENGINEER
Telangana State POLLUTION CONTROL
BOARD REGIONAL OFFICE - 1,
RANGA REDDY DISTRICT.

SCHEDULE – A

1. **This order is valid for a period of 5 years from the date of issue.** Progress on implementation of the project shall be reported to the concerned Regional Office, T.S. Pollution Control Board once in six months. The consent of the Board shall be exhibited in the factory premises at a conspicuous place for information of the inspecting officers.
2. The proponent shall obtain Consent for Operation (CFO) from TSPCB, as required Under Sec.25/26 of the Water (Prevention and Control of Pollution) Act, 1974 and under sec. 21/22 of the Air (Prevention and Control of Pollution) Act, 1981, before commencement of the activity.
3. The proponent shall ensure that there shall not be any change in the process technology and scope of working without prior approval from the Board.
4. The industry is liable to pay compensation for any environmental damage caused by it, as fixed by the Hon'ble Courts, Collector and District Magistrate as Civil liability
5. The rules and regulations notified under Environmental Acts by the MOEF&CC and by the Ministry of Law and Justice, GOI, regarding the Public Liability Insurance Act, 1991 shall be followed.
6. Concealing the factual data or submission of false information / fabricated data and failure to comply with any of the conditions mentioned in this order may result in withdrawal of this order and attract action under the provisions of relevant pollution control Acts.
7. Notwithstanding anything contained in this consent order, the Board hereby reserves the right and powers under Section 27(2) of the Water (Prevention & Control of Pollution) Act, 1974 and under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and amendments thereof, to review any and/or all the conditions imposed herein, to modify conditions or stipulate any further conditions and to take action including revocation of this order in the interest of public health and environment.
8. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per the State Water Rules, 1976 and Air Rules, 1982, to such authority (hereinafter referred to as the Appellate Authority) constituted under Section 28 of Water (Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air (Prevention and Control of Pollution) Act, 1981.

SCHEDULE – B

1. The source of water is Borewell and the maximum permitted water consumption shall not exceed the following quantities:

Sl.No.	Purpose	Total Consumption
1.	Process	6.5 KLD
2.	Washings	1.0 KLD
3.	Cooling Water Makeup	2.0 KLD
4.	Boiler Feed Make up	2.5 KLD
5.	Domestic	1.0 KLD
Total		13.0 KLD

2. The maximum waste water generation (KLD) shall not exceed the following:

Sl.No.	Wastewater generation		Total Generation
1.	Process		0.25 KLD
2.	Washings		0.75 KLD
3.	Boiler Blow Down		0.1 KLD
4.	Domestic		0.7 KLD
Total			1.8 KLD
Effluent source	Quantity	Standards to be complied	Mode of final disposal
Process	1.0 KLD	Inlet standards of	After pretreatment, shall be

Washings	0.4 KLD	CETP as prescribed by the Board.	disposed to CETP, M/s. Indwa Technologies (MANA CETP), Mallapur, Medchal-Malkajgiri
Boiler Blow Down	0.225 KLD		
Domestic	0.7 KLD	---	Septic tank followed by soak pit

3. **The industry shall immediately apply for CFO of the Board as it has already started operations.**
4. **The industry shall have minimum of 7 days storage capacity of effluents on above ground level, with-in the premises.**
5. **The industry shall obtain membership with M/s. Indwa Technologies (MANA CETP), Mallapur, Medchal-Malkajgiri District for treatment and disposal of effluents generated by the industry.**
6. The industry shall send the effluents from process & washings, Boiler blow down effluents after pretreatment to CETP, M/s. Indwa Technologies (MANA CETP), Mallapur, Medchal-Malkajgiri District for further treatment and disposal duly complying with the inlet standards of CETP prescribed by the Board.
7. Air pollution Control equipment shall be installed along with the commissioning of the activity and shall comply with the following for controlling air pollution:

S. No.	Details of Stack	Stack 1
1.	Attached to:	Boiler
2.	Capacity	1 x 850 kgs/hr
3.	Fuel	Diesel
4.	Stack height from GL	30 mtrs.
5.	Air Pollution Control Equipment	--
6.	Standards to be complied	SPM-115 mg/Nm ³

8. A sampling port with removable dummy of not less than 15 cm diameter shall be provided in the stack at a distance of 8 times the diameter of the stack from the nearest constraint such as bends etc. A platform with suitable ladder shall be provided below 1 meter of sampling port to accommodate three persons with instruments. A 15 AMP 250 V plug point shall be provided on the platform.
9. The generator shall be installed in a closed area with a silencer and suitable noise absorption systems. The ambient noise level shall not exceed 75 dB(A) during day time and 70 dB(A) during the night time.
10. The industry shall take appropriate measures to ensure that the ground level concentrations shall comply with revised National Ambient Quality Norms notified by MoE&F, GoI on 16.11.2009.
11. The industry shall take measures to comply with the provisions laid down under Noise pollution (Regulation and Control) Amendment Rules, 2010 dated 11.01.2010 issued by MoE&F, GoI to control the noise to the prescribed levels.
12. **The industry shall provide digital flow meters to assess water consumption and effluents generation.**
13. **The industry shall not discharge any waste water to outside the factory premises.**
14. The Solid wastes generated shall not exceed the following breakup quantities:

Sl. No.	Name and of the Hazardous / Solid waste	Hazardous / as defined under HWM Rules, 2016	Quantity	Method of Disposal
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15. The industry shall not cause any air pollution/odour nuisance to the surrounding environment.
16. The industry shall not dispose the solid waste outside the factory premises.
17. The industry shall develop 33% of the total area as thick green belt all along the boundary of the unit and also in the vacant places with all tall growing trees with wide leaf area.
18. The industry shall comply with all the Rules and Regulations specified in Water (P&C of P) Act, 1974, Air (P&C of P) Act, 1981 and Hazardous and other Wastes (Management, Transboundary Movement) Rules, 2016 and amendments thereof.
19. The industry shall not manufacture any extra products or extra capacities without obtaining CFE/CFO of the Board.
20. The industry shall not take up trial production without obtaining Consent for Operation of the Board.
21. Rain Water Harvesting (RWH) structure (s) shall be established on the plant site so that the ground water is recharged by the storm water.
22. The industry shall comply with Rules & Regulations notified by Ministry of Law and Justice, Govt. of India, regarding the Public Liability Insurance Act, 1991.
23. The following rules and regulations notified by the MoE&F, GoI shall be implemented:
 - a. Solid Waste Management Rules, 2016.
 - b. Construction and Demolition Waste Management Rules, 2016.
 - c. Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 & its amendments.
 - d. Battery Waste Management Rules, 2022.
 - e. E-Waste Management Rules, 2022.
 - f. Bio-Medical Waste Management Rules, 2016 & its amendments.
 - g. Plastic Waste Management Rules, 2016 & its amendments.
24. The industry shall comply with all the directions issued by the Board from time to time.
25. The Board reserves its right to modify above conditions or stipulate any further conditions and to take action including revoke of this order in the interest of environment protection.
26. This Order is issued to the industry without prejudice to the action taken by the Task Force of the Board.

To
M/s. Ferax Biotech Pvt. Ltd.,
Sy.No.54/A, 54/AA, Chintapallyguda (V),
Ibrahimpattam (M), Rangareddy District


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