



TELANGANA STATE POLLUTION CONTROL BOARD
ZONAL OFFICE: HYDERABAD

D. Krupanand
Joint Chief Environmental Engineer

H.No.6-3-1219, TS No.1 Part,
Block - C, Ward No.91, Near Country Club,
Uma Nagar, Begumpet, Hyderabad
Phone: 040-23402495
Email: jcee-zhyd-tspcb@telangana.gov.in

CONSENT ORDER FOR ESTABLISHMENT – RED CATEGORY

Order No. 1869-RR-II/TSPCB/ZO-HYD/TS-iPASS/CFE/2022 - 450 Date:17.10.2022

Sub: TSPCB – ZOH – TS-iPASS - CONSENT FOR ESTABLISHMENT (CFE) – M/s. Crescentia Labs Private Ltd., Plot No. 15-B, Sy. No's. 230 to 243, Phase – I, MN Park, Turkapally (V), Shamirpet (M), Medchal-Malkajgiri 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 CFE application received through TS-iPASS online portal on 24.09.2022 at TSPCB, Regional Office, Medchal.
2. TSPCB, Regional Office, Medchal verification report dated 29.09.2022 and received by Zonal Office, Hyderabad on 29.09.2022.
3. CFE Committee meeting held on 30.09.2022 at TSPCB, Zonal Office, Hyderabad.

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1. In the reference 1st cited, an application was submitted to the Board seeking Consent for Establishment (CFE) to setup facility as mentioned below, with a proposed project cost of **Rs.1700.01 Lakhs.**

Sl. No.	Name of Products & By-products
1.	To Provide Laboratory Space and Services to the Tenant Companies to carry out their R&D and Pilot Plant Activities Consisting of Pre-Formulation Studies, Pharma Intermediates, Life Sciences, Health Care Related Issues & Agritech in Biotechnology's.

2. As per the application, the above activity is to be located at **Plot No. 15-B, Sy. No's. 230 to 243, Phase – I, MN Park, Turkapally (V), Shamirpet (M), Medchal-Malkajgiri District.**
3. The above site was inspected by the Asst. Environmental Engineer-II, Regional Office, Medchal, T. S. Pollution Control Board on 24.09.2022 and found that the industry is surrounded by **East:** Road; **West:** Internal Road to MN park; **North:** Road; **South:** M/s.Genome Valley Tech parks & incubators(Plot No:15A).
4. The Board, after careful scrutiny of the application, verification report of Regional Office, Medchal, recommendation by the CFE Committee meeting held on **30.09.2022** at TSPCB, Zonal Office, Hyderabad, hereby issues **CONSENT FOR ESTABLISHMENT** 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.

JOINT CHIEF ENVIRONMENTAL ENGINEER

Encl: Schedules "A & B".

To

**M/s. Crescentia Labs Private Ltd.,
Plot No. 15-B, Sy. No's. 230 to 243,
Phase – I, MN Park, Turkapally (V),
Shamirpet (M), Medchal-Malkajgiri District.
Email Id: admin@innopolis-gv.com**

Copy submitted to the Member Secretary, TSPCB, Board Office, Hyderabad for information.

Copy submitted to The General Manager, District Industries Centre, Near ORR, Keesara, Medchal- Malkajgiri District, Collectorate Complex, Hyderabad-500083.

Copy to the Environmental Engineer, TSPCB, Regional Office, Medchal for information and necessary action.

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 industry shall not provide pilot plant activity and shall not go for commercial production without permission of the Board.**
2. The source of water is provided by HMWS&SB and the maximum permitted water consumption shall not exceed the following quantities:

Sl.No.	Purpose	Total Consumption (KLD)
1.	Lab Process& Washing	16.0 KLD
2.	Softner regeneration	2.0 KLD
3.	Scrubbers	2.0 KLD
4.	AHU Filter cleaning	1.0 KLD
5.	Lab Floor cleaning	2.0 KLD
6.	Greenbelt	7.0 KLD
7.	Domestic	30.0 KLD
	Total	60.0 KLD

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

Sl.No.	Wastewater generation	Total Generation (KLD)
1.	Process& Washing	16.0 KLD
2.	Softner regeneration	2.0 KLD
3.	Scrubbers	2.0 KLD
4.	AHU Filter cleaning	1.0 KLD
5.	Lab Floor cleaning	2.0 KLD
6.	Domestic	24.0 KLD
	Total	47.0 KLD

Effluent source	Quantity	Standards to be complied	Mode of final disposal
Process& Washing	16.0 KLD	Inlet standards of CETP as prescribed by the Board.	After disinfection, shall be sent to common pre-treatment facility and shall be lifted to CETP i.e., M/s.JETL for further treatment and disposal.
Softner regeneration	2.0 KLD		
Scrubbers	2.0 KLD		
AHU Filter cleaning	1.0 KLD		
Lab Floor cleaning	2.0 KLD		
Domestic	24.0 KLD	pH - 5.5-9.0, Total Suspended Solids - 200.0 mg /l, Oil & Grease - 10.0 mg /l, Biochemical Oxygen Demand (3 days at 27 ⁰ C) - ≤ 10 mg/lit.	After disinfection, shall be sent to STP. After treatment, treated effluents shall be used on land for gardening within the premises.

- The industry shall send the process & washing effluents after disinfection, to common pre-treatment facility and shall be lifted to CETP i.e., M/s. JETL for further treatment and disposal. After pre-treatment shall be lifted to CETP i.e. M/s. JETL for further treatment and disposal and duly meeting the inlet standards of CETP as prescribed by the Board.
- The industry shall send the domestic effluents after disinfection, to the Sewage Treatment Plant (STP). After treatment, treated effluents shall be used on land for gardening within the premises duly meeting the prescribed standards of the Board.
- The industry shall provide digital flow meters with totalizer for assessing the quantity of waste water disposed in to common effluent collection tank of M/s. Touchstone Property Developers Private Ltd., and shall maintain the register.
- The industry shall suck the fumes emanated during the various chemical reactions in the fume cupboards and pass them through a wet scrubber followed by Activated carbon adsorption system before letting into atmosphere through common stack.
- The industry shall comply with the following for controlling air pollution:

Sl. No.	Details of Stack	Stack 1	Stack 2
a)	Attached to:	DG set	DG set
b)	Capacity of D.G. Set	1000 KVA	1500 KVA
c)	Fuel form: Solid / Liquid/ gaseous	Diesel	Diesel
d)	Stack height:	$H = h + 0.2 (KVA)^{0.5}$ H = height of the stack from GL in mtrs. h = height of the building where DG set is installed, in mtrs.	
e)	Air Pollution Control Equipment	Acoustic enclosures	
f)	Standards to be complied	SPM – 115 mg/Nm ³	

- The Hazardous /Solid wastes generated shall not exceed the following breakup quantities:

Sl. No.	Name of the Hazardous / Solid waste	Hazardous as defined under HWM Rules, 2016	Quantity	Method of Disposal
1.	Used Silica gel	--	1 TPM	Shall be sent to HWMP-M/s. TSDF, Dundigal.
2.	Used & expired chemicals	28.5 of Sch-I	3 TPM	Shall be sent to To HWMP – TSDF/ Authorized Recyclers/ AFRF facilities for pre-processing for co-processing in cement units.

3.	Spent Solvent	28.6 of Sch-I	70 KL/Month (Based on Tenant input)	Shall be sent to Authorized recovery unit/ Reprocessers/Recycler/ AFRF facilities for pre-processing for co-processing in cement units.
4.	Used Glass ware, Containers and Container liners	33.1 of Sch-I	5 TPA	Shall be sent to Authorized Recyclers/ Contaminated liners to authorized Incinerator
5	Used resins from Softener plant	35.2 of Sch-I	2 TPA	Shall be sent to To HWMP – TSDF/ Authorized Recyclers/ AFRF facilities for pre-processing for co-processing in cement units.
6.	Used PPE	--	2 TPM	
7.	Organic residue	28.1 of Sch-I	3 TPM	
8.	ETP Sludge	35.3 of Sch-I	4 TPA	
9.	Municipal Solid waste	--	30 TPA	Shall be sent to HIMSW-Jawaharnagar
10.	E-Waste	--	204 Kg/Annum	Shall be sent to Authorized E-Waste recycler
11.	Waste Oil	5.1 of Sch-I	25 KL/Annum	Shall be sent to Authorized recycler/Reprocessor
12.	Used Lead Acid Batteries	--	12 No/Annum	Shall be sent to Authorized Battery recycler
13.	Thermacol Waste	--	2 TPM	Shall be sent to To HWMP – TSDF/ Authorized Recyclers/ AFRF facilities for pre-processing for co-processing in cement units.
14.	Process residue & Reject material	28.1 of Sch-I	1 TPM	
15.	Used Catalyst	28.2 of Sch-I	2.0 TPA	
16.	Biomedical Waste	--	100 kg/Month OHC	Shall be sent to Authorized common biomedical waste treatment facility (CBMWTF).
17.	Used Tissue papers/corrugated waste/aluminum foils	--	0.5 TPM	Shall be sent to recyclers.

10. The industry shall not discharge any waste water to outside the factory premises.
11. The industry shall not cause any air pollution/odour nuisance to the surrounding environment.
12. The industry shall not dispose the solid waste outside the factory premises.
13. 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.
14. 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.
15. The industry shall not manufacture any extra products or extra capacities without obtaining CFE/CFO of the Board.
16. The industry shall not take up trial production without obtaining Consent for Operation of the Board.
17. Rain Water Harvesting (RWH) structure (s) shall be established on the plant site so that the ground water is recharged by the storm water.
18. 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. Batteries (Management & Handling) Amendment Rules, 2010 & its amendments.
 - e. E-Waste (Management) Rules, 2016.

- f. Bio-Medical Waste Management Rules, 2016 & its amendments.
 - g. Plastic Waste Management Rules, 2016 & its amendments.
19. The industry shall comply with Rules & Regulations notified by Ministry of Law and Justice, Govt. of India, regarding the Public Liability Insurance Act, 1991.
20. The industry shall comply with all the directions issued by the Board from time to time.
21. This Order is issued to the industry without prejudice to the action taken by the Task Force of the Board.



JOINT CHIEF ENVIRONMENTAL ENGINEER


To
M/s. Crescentia Labs Private Ltd.,
Plot No. 15-B, Sy. No's. 230 to 243,
Phase – I, MN Park, Turkapally (V),
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