



TELANGANA POLLUTION CONTROL BOARD
ZONAL OFFICE: HYDERABAD

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 & AUTHORIZATION ORDER – RED CATEGORY

Order No: 1869-MDCL/TGPCB/ZOH/TG-iPASS/CFO/2024- 1101

Date:23.10.2024

(Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and amendments thereof and Operation of the plant under section 21 of Air (Prevention & Control of Pollution) Act, 1981 and amendments thereof) and Authorization / Renewal of Authorization under Rule 6 of the Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016.

CONSENT is hereby granted under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of Air (Prevention & Control of Pollution) Act, 1981 (hereinafter referred to as 'the Acts') and Authorization under the provisions of HW (M & H) Rules (herein after referred to as 'the Acts' 'the Rules') the rules and orders made thereunder 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**

(Hereinafter referred to as 'the Applicant') authorizing to operate the industrial plant, to discharge the effluents from the outlets and the quantity of Emissions per hour from the chimneys as detailed below:

i) Outlets for discharge of effluents:

Outlet No.	Outlet Description	Max Daily Discharge (After Expansion)	Point of Disposal	Limiting Standards
1.	Process& Washing	31.0 KLD	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.	Inlet standards of CETP as prescribed by the Board.
2.	Softener 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	After disinfection, shall be sent to STP. After treatment, treated effluents shall be used on land for gardening within the premises	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.

ii) Emissions from chimneys:

Chimney No.	Description of Chimney (After Expansion)	Quantity of Emissions at peak flow	Emission Standards
1	Attached to DG Set of capacity – 1500 KVA	---	SPM - 115 mg/ Nm ³
2	Attached to DG Set of capacity – 1500 KVA		

iii) Hazardous Waste Authorization: (Form – 2) [See Rule 6(2)]:

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 is hereby granted an authorization to operate a facility for collection, reception, storage, transport and disposal of the following wastes with quantities as mentioned below:

S. No.	Name of the Hazardous / Solid waste	Hazardous as defined under HWM Rules, 2016	Quantity (After Expansion)	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 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 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.

This consent order is valid for the manufacture of the following products with quantities mentioned below only:

S.No.	Name of the Products & By-products/Activity (After Expansion)
1.	To provide speculative / future expansion spaces to prospective tenant companies in the field of Pharma and Life sciences, for laboratory and allied infrastructure to carry out their R & D and Biotech based Commercial Manufacturing Activities.

S.No.	Building	Building Floor Details		Area in Sq. Meters
		Floor	Total Floors	
1.	Main Building Built up Area	Basement	4	2396.06
		Stilt		1581.82
		First Floor		3042.00
		Second Floor		3010.13
		Third Floor		2979.82
		Fourth Floor		2979.82
2.	Chemical Store	Ground Floor	2	158.58
		First Floor		158.58
		Second Floor		158.58
3.	Solvent	Ground Floor	3	157.40
Total Built Up area				16622.79

This order is subject to the provisions of 'the Acts' and the Rules' and amendments made thereunder and further subject to the terms and conditions incorporated in the schedule A, B and C enclosed to this order.

This combined order of Consent and Authorization is valid for a period ending with the **30.09.2029**. *The industry shall pay the consent fees annually from the financial year 2025-26 to till the validity of the consent order.*

The payment of annual consent fee for every financial year (i.e., April to March) within the stipulated time period i.e., 1st quarter of every financial year (April - June) is mandatory for the industry. Failing which, the validity of the Consent Order automatically stands cancelled and operation of industry without valid Consent attracts penal action under the provision of Water Act, Air Act & Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

23/10/2024
JOINT CHIEF ENVIRONMENTAL ENGINEER

Encl: Schedules A, B & C.

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 to the Member Secretary, TGPCB, 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, TGPCB, Regional Office, Medchal-Malkajgiri District for information. **The EE, RO, Medchal is further directed to ensure that the industry pays the annual consent fees for every financial year (i.e., April to March) within the stipulated time period i.e., 1st quarter of every financial year (April-June) and the EE, RO, Medchal shall report to this office, in case of any non-compliance by the industry.**

SCHEDULE – A

1. The applicant shall make applications through online for renewal of Consent (under Water & Air Acts) and Authorization under HWM Rules at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts for obtaining Consent & HW Authorization of the Board. The applicant can also apply for Auto Renewal of the CFO atleast 30 days before the expiry of this order as per the procedure and eligibility stipulated in the Board Circular dt.19.11.2015 & 08.12.2015 (available in Board's Website: <http://tspcb.cgg.gov.in/Pages/Circulars.aspx>).
2. 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.
3. The industry may explore the possibility of tapping the solar energy for their energy requirements.
4. 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 Rules, to such authority (hereinafter referred to as the Appellate Authority) constituted under Section 28 of the Water (Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air (Prevention and Control of Pollution) Act, 1981.
5. 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 protection of public health and environment.

SCHEDULE - B

Special Conditions:

1. **The industry has paid consent fee upto 30.09.2025. The industry shall pay the consent fees annually from the financial year 2025-26 to till the validity of the consent order i.e., upto 30.09.2029.**
2. **The industry shall pay balance consent fee annually as per the rates notified in GO Ms No. 22. The payment of annual consent fee shall be made at the concerned RO for every financial year (i.e., April to March) within the stipulated time period i.e., 1st quarter of every financial year (April - June) is mandatory for the industry. Failing which, the validity of the Consent Order automatically stands cancelled and operation of industry without valid Consent attracts penal action under the provision of Water Act, Air Act & Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.**
3. **The industry either paying annual fee or total fee for consented period, shall pay the balance consent fee as per the revised rates as applicable from time to time.**
4. The industry shall take steps to reduce water consumption to the extent possible and consumption shall NOT exceed the quantities prescribed below:

S.No.	Purpose	Total Consumption (After Expansion)
1.	Lab Process& Washing	31.0 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:		75.0 KLD

The Industry shall maintain separate water meters for the above areas and maintain records.

5. **The industry shall obtain NOC from CGWA for drawl of ground water if applicable within One month and submit a copy of the same at TGPCB Regional Office, Medchal.**
6. The industry shall comply with emission limits for DG sets upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 under the Environment (Protection) Amendment Rules, 2003 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Second Amendment Rules, 2004. In case of DG sets more than 800 KW shall comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.
7. The industry should comply with the National ambient air quality standards as per MoEF, GoI notification dated. 18.11.2009 along the premises of the factory as prescribed below:

S. No.	Parameters	Standards in $\mu\text{g}/\text{m}^3$
1	Particulate Matter(PM_{10})	100
2	Particulate Matter ($\text{PM}_{2.5}$)	60
3	SO_2	80
4	NO_x	80

Noise Levels: Day time (6 AM to 10 PM) - 75 dB (A)
Night time (10 PM to 6 AM) - 70 dB (A).

8. The industry shall not increase the capacity beyond the permitted capacity mentioned in this order, without obtaining CFE/CFO of the Board.
9. **The industry shall not provide pilot plant activity and shall not go for commercial production without permission of the Board.**
10. 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.
11. The industry shall send the domestic effluents after disinfection, to the Sewage Treatment Plant (STP). The industry shall regularly operate the STP and after treatment, treated effluents shall be used on land for gardening within the premises duly meeting the prescribed standards of the Board.
12. 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. Crescentia Labs Private Ltd., and shall maintain the register.
13. 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
14. The industry shall have minimum 7 days storage capacity for effluents, which shall be constructed on the above ground level with-in the premises.
15. The industry shall not discharge any waste water outside the factory premises.
16. The industry shall not cause any air pollution/odour nuisance to the surrounding environment.
17. The industry shall not dispose the solid waste outside the factory premises.
18. The industry shall provide separate energy meters to the STP and APCE to be provided to ensure regular operation and maintain records.
19. 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.
20. The industry shall maintain good housekeeping & maintain proper records for hazardous waste stated in the authorization.
21. The industry shall submit Environmental Statement in Form V before 30th September every year as per Rule No.14 of Environmental (Protection) Act, 1986.
22. 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.
23. The industry shall take necessary measures to control fugitive emissions.
 24. The industry shall take all precautionary and safety measures during process operations.
 25. The industry shall comply with the ambient air quality standards in respect of noise, as stipulated in the Environment (Protection) Rules, 1986.
 26. The industry shall comply with all the directions issued by the Board from time to time.
 27. This consent is hereby accorded subject to the policy of the Government regarding relocation of the industry including modernization and expansion thereof within Outer Ring Road (ORR) from time to time.
 28. The conditions stipulated in this order are without any prejudice to rights and contentions of this Board in any Hon'ble court of Law.

SCHEDULE – C
(See Rule 6(2))

**[SPECIAL CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR
HANDLING HAZARDOUS WASTE]**

1. The industry shall give top priority for waste minimization and cleaner production practices.
2. The industry shall not store hazardous waste for more than 180 days as per the Hazardous & other wastes (Management and Transboundary Movement) Rules, 2016 and amendments thereof. The industry shall maintain 6 copy manifest system for transportation of waste generated and copies of receipts of consignee shall be submitted to the Concerned Regional Office. The industry shall maintain proper records for Hazardous Wastes stated in Authorisation in FORM-3 i.e., quantity of incinerable waste, land disposal waste, recyclable waste etc., and file annual returns in Form- 4 as per Rule 20(2) of the Hazardous & other wastes (Management, Handling & Transboundary Movement) Rules, 2016 and amendments thereof.
3. The industry shall dispose /sell the hazardous waste to only industries/agencies authorised by state Pollution Control Board. The industry shall verify the authorisation of the Board given to the party before disposing its waste to the external party.
4. The industry shall maintain proper records for Hazardous Wastes disposal and its concurrence with Authorization. In case of Violation in generation, industry shall submit explanation and obtain amendment in Environmental Clearance/CFE/CFO in this regard.
5. The industry shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal. The Waste oils to be sold to the traders and the same shall be disposed to the authorized Reprocessors / Recyclers and Used Lead Acid Batteries shall be disposed to the manufacturers / dealers on buyback basis.
6. The industry shall take necessary practical steps for prevention of oil spillages and carryover of oil from the premises. The industry shall check the certificate/Authorisation/order of MoEF issued to the Re-user/Recycler units while disposing the waste oil.

7. The industry shall maintain good housekeeping & maintain proper records for Hazardous Wastes stated in Authorization.
8. The industry shall dispose the e-waste to authorized recyclers / dismantlers only.
9. The industry shall submit the condition wise compliance report of the conditions stipulated in Schedule B & C of this Order on half yearly basis to Board Office, Hyderabad and concerned Regional Office.

23/10/2024
JOINT CHIEF ENVIRONMENTAL ENGINEER



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