

Your (**Half Yearly Compliance Report**) has been **Submitted** with following details

<b>Proposal No</b>	SIA/AP/IND2/234823/2021
<b>Compliance ID</b>	1220072635
<b>Compliance Number(For Tracking)</b>	EC/M/COMPLIANCE/1220072635/2026
<b>Reporting Year</b>	2025
<b>Reporting Period</b>	01 Dec(01 Apr - 30 Sep)
<b>Submission Date</b>	24-02-2026
<b>RO/SRO Name</b>	V Geroge Jenner
<b>RO/SRO Email</b>	tr025@ifs.nic.in
<b>State</b>	ANDHRA PRADESH
<b>RO/SRO Office Address</b>	Integrated Regional Offices, Vijayawada

**Note:-** SMS and E-Mail has been sent to V Geroge Jenner, ANDHRA PRADESH with Notification to Project Proponent.



# ORCH

LABORATORIES INDIA PVT. LTD.

# 4th Floor, Gokul's Plaza, Opp. Karur Vysya Bank,  
Nizampet, Hyderabad-500 090, Telangana, India,  
Ph. No.: +91 40 2389 9403  
CIN No.: U24232TG2011PTC075299

To,  
The Regional Officer,  
Integrated Regional Office (IRO), Vijayawada,  
Ministry of Environment, Forest and Climate Change,  
Green Complex, Gopal Reddy Road,  
Vijayawada-520010, Andhrapradesh.

Date: 29.01.2026

Respected Sir,

**Sub:** Environmental Clearance terms and Conditions half-yearly compliance report for the  
Period July 2024 to December 2024.

**Ref:** 1.EC Order No.: SEIAA/AP/KRI/IND/11/2020/2332/178.9&175.50, dated 14.04.2022

With reference to the above , we M/s. Orch Laboratories India Pvt. Ltd. at Plot No. 51-A to J & 56 F, IDA-Kondapalli Village, Ibrahimpatnam Mandal, NTR District, Andhra Pradesh state, we have obtained Environmental Clearance for manufacturing of Bulk Drugs and Drug Intermediates. Here with submitting the half-yearly compliance report for prior environmental clearance stipulated terms and conditions for the period of July 2025 to December 2025 – Reg.

We are here with enclosing the following documents for further reference.

1. Tabular Compliance
2. Annexures
3. Objective Evidences

Thanking you,

FOR M/s. Orch Laboratories India Pvt. Ltd.



Authorized Signatory

CC to RO APPCB, Vijayawada

ENVIRONMENTAL  
CLEARANCE



Government of India  
Ministry of Environment, Forest and Climate Change  
(Issued by the State Environment Impact Assessment  
Authority(SEIAA), Andhra Pradesh)

To,

The Director  
ORCH LABORATORIES INDIA PVT. LTD.  
Plot Nos. 51-A to J and 56-F, IDA - Kondapally, Kondapally Village -  
521228

**Subject:** Grant of Environmental Clearance (EC) to the proposed Project Activity  
under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC)  
in respect of project submitted to the SEIAA vide proposal number  
SIA/AP/IND3/234823/2021 dated 19 Oct 2021. The particulars of the environmental  
clearance granted to the project are as below.

- |   |   |
|---|---|
| 1. EC Identification No.                      | EC22B058AP127710  |
| 2. File No.                                   | AP KRI MIN 11 2020 2332   |
| 3. Project Type                               | Expansion   |
| 4. Category                                   | B2  |
| 5. Project/Activity including<br>Schedule No. | 5(f)-API  |
| 6. Name of Project                            | Proposed to expand the existing Bulk<br>Drugs & Drug Intermediates<br>Manufacturing Unit by M/s. Orch<br>Laboratories India Pvt. Ltd. |
| 7. Name of Company/Organization               | ORCH LABORATORIES INDIA PVT.<br>LTD.  |
| 8. Location of Project                        | Andhra Pradesh  |
| 9. TOR Date                                   | N/A   |

The project details along with terms and conditions are appended herewith from page  
no 2 onwards.

Date: 14/04/2022

(e-signed)  
DR. P.V.CHALAPATHI RAO  
Member Secretary  
SEIAA - (Andhra Pradesh)

*Note: A valid environmental clearance shall be one that has EC identification  
number & E-Sign generated from PARIVESH. Please quote identification  
number in all future correspondence.*

*This is a computer generated cover page.*

PARIVESH

(Pro-Active and Responsive Facilitation by Interactive,  
and Virtuous Environmental Single-Window Hub)





**State Level Environment Impact Assessment Authority (SEIAA)**  
**Andhra Pradesh**  
**Ministry of Environment, Forests & Climate Change**  
**Government of India**

D.No.33-26-14 D/2, Near Sunrise Hospital, Pushpa Hotel Centre,  
Chalamavari Street, Kasturibaipet, Vijayawad-520010

REGD.POST WITH ACK.DUE

**Order No. SEIAA/AP/KRI/IND/11/2020/2332/178.9&175.5-**

**Sub: SEIAA, A.P. – M/s. Orch Laboratories India Pvt. Ltd at Plot Nos. 51- A to J & 56-F, IDA -Kondapally, Kondapally village, Ibrahimpatnam Mandal, Krishna District Andhra Pradesh - Environmental Clearance – Expansion - Issued - Reg.**

I. This has reference to your EC application submitted through online on 19.10.2021 (SIA/AP/IND2/234823/2021), seeking Environmental Clearance **expansion** for manufacturing of **Bulk Drug & Drug Intermediates Manufacturing Unit at Plot Nos.: 51-A to J & 56-F, IDA, Kondapally Village, Ibrahimpatnam Mandal, Krishna District** in favour of **M/s. Orch Laboratories India Pvt. Ltd.** The nearest human habitation viz., Kattubadipalem (V) exists at a distance of about 0.85 km from the premises. The total area of the site is 8482.4 Sq.m. The total cost of the project is Rs.4.80 Crores for existing and Rs.9.0 Crores for proposed. The details of the production capacities of the project is as follows:

**List of Proposed products and Quantities:**

Sl.No	Name of the Product	Quantity in (MT/month)
Group-A		
1.	(1-Benzyl-4-tertbutoxycarbonylamino-2-hydroxy-5-phenyl-pentyl)- carbamic acid thiazol-5- ylmethyl ester (Ritonavir Intermediate)	8.0
2.	(S)-2-(3-((2-Isopropylthiazol4-yl)methyl)-3-methylureido)- 3-methylbutanoic acid (Ritonavir Intermediate)	4.50
3.	6-Chloro-2-hexanone	3.0
4.	Abacavir Sulphate	3.0
5.	Carbonic acid,4-Nitrophenyl5-thiazolyl methyl ester	4.0
6.	Lamivudine	26.50
7.	Ritonavir	12.0
8.	Favipiravir	10.0
<b>Total</b>		<b>71.0</b>
Group-B		
1	FCE(2R,5S)-5-(4-Amino-5- fluoro-2-oxo-2H- pyrimidin-1- yl)-[1,3]-oxathiolane-2-	89.0

	carboxylic acid,2S-Isoprpyl5R-Methyl-1R- Cyclohexyl ester	
2	CHE-3 (5-(4-Amino-2-oxo2H-Pyrimidinyl-[1,3]- oxathiolane -2-carboxylic acid-2-isopropyl-5-methyl cyclo hexyl ester)	89.0
Total (We will manufacture any one product or both together at a time not exceeding the 89 TPM)		<b>89.0</b>
Group-C		
1	L-Menthyl Glyoxylate	<b>40.0</b>
<b>(Group-B + Group-C)</b>		<b>129.0</b>
<b>Total (Group-A or [Group-B + Group-C]) at any point of time</b>		<b>129.0</b>

**Proposed By-products and Quantities:**

Sl.No	Name of the Product	Name of the By-Product	Capacity (kg/day)
1.	Favipiravir	Phosphoric acid	326.70
		Potassium chloride	427.30
2.	Lamivudine	L-Menthol	614.40
		Hydrochloric acid-(10%)	1463.0
3.	(2R, 5S)-5-(4-Amino-5-Fluoro-2-Oxo2H-Pyrimidin -1-yl)-[1, 3]Oxathiolane-2-Carboxylic Acid, 2S-Isopropyl-5RMethyl-1R-Cyclohexyl Ester (FCE)	Hydrochloric acid-(10%)	2764.90
4.	5-(4-Amino-2-oxo-2H-Pyrimidinyl-[1, 3] Oxathiolane-2-carboxylic acid-2- Isopropyl-5-methyl cyclo hexyl Ester (CHE-3)	Hydrochloric acid-(10%)	2965.20

The proposal has been examined and processed in accordance with EIA Notification, 2006 and its amendments thereof. The State Level Expert Appraisal Committee (SEAC) examined the application in its meetings held on **03.02.2022**. The Proposal of M/s. Orch Laboratories India Pvt. Ltd., is for Environmental Clearance for production quantities of the bulk drug & Intermediates (Expansion) from 89 TPM to 129 TPM. The project proponent and their Consultant Rightsource Industrial Solutions Pvt. Ltd., has attended the meeting. MoEF&CC, GoI, New Delhi issued notification vide S.O. No. 1223(E), dated 27.03.2020 and MoEF&CC Office Memorandum dated 13.04.2020, wherein " All proposals for projects or activities in respect of Active Pharmaceutical Ingredients (API), received up to the 30th September 2020, shall be appraised , as Category 'B2' projects provided that any subsequent amendment or expansion or change in product mix, after the 30th September 2020, shall be considered as per the provisions in force at that time." Further it is extended up to 30th March, 2021 vide S.O. No. 3636(E), dated 15.10.2020. Further extended up to 31st December, 2021 vide S.O. No. 2859(E), dated 16.07.2021. The proposed project falls under Item 5(f)- API of the

schedule of the EIA Notification 2006- Synthetic organic chemicals industry (dyes & dye intermediates & bulk drug and intermediates). The committee noted that M/s. Orch Laboratories India Pvt. Ltd., located at Plot Nos.: 51-A to J & 56-F, IDA, Kondapally Village, Ibrahimpatnam Mandal, Krishna District, Andhra Pradesh State in an area of 8482.4 Sqm. Further, the Committee noted that this is a bulk drug & intermediates manufacturing unit. Now, the PP has proposed the Bulk Drug & Intermediates manufacturing unit with production capacity from 89 TPM to 129 TPM. The project proponent has submitted the EMP, PFR & Risk Assessment Reports. The Certified compliance report vide Lr. No. E.P./12.1/454/AP/068 dt. 29-09-2020 from MoEF&CC, Regional Office, Chennai of the existing Industry. The Committee observed that the industry is complying the norms. The unit has obtained Consent and Authorization (CFO) vide Order No. APPCB/VJA/VJA/363/CFO/HO/2020 Dt.: 14.08.2020 valid up to 31.05.2023 for manufacturing of Bulk Drugs & Intermediates. Now the industry proposes expansion of Bulk drugs and Intermediates manufacturing facility in permitted/consented products unit. The Committee after examining the project proposals and presentations recommended for issue of Environmental Clearance for the proposed expansion of **Bulk Drugs and Drug Intermediates with Production Capacity 89 TPM to 129 TPM**. The committee in the appraisal report clearly stated that they have approved the Form-I/II, PFR/DPR and EMP for compliance by the proponent. The State Level Environment Impact Assessment Authority (SEIAA), in its meeting held on **08.03.2022** examined the proposal and the recommendations of SEAC and decided to accept SEAC recommendations aforesaid for strict compliance by the proponent and to issue EC. The SEIAA, A.P hereby **accords Environmental Clearance to the project** as mentioned at Para No. I under the provisions of the EIA Notification 2006 and its subsequent amendments issued under Environment (Protection) Act, 1986 subject to implementation of the following specific and general conditions:

#### Part A. Special Conditions

- i. The proposal shall not attract the following Acts & Rules:
  - a. Forest Act 1980,
  - b. Wild life (Protection) Act,1972;
  - c. CRZ Notification, 2011;
  - d. The Eco sensitive areas as notified under Environment (Protection) Act,1986;
  - e. Critically polluted areas as notified by CPCBand also shall not harm live stocks and human beings and disturb their activities.
- ii. The proponent shall obtained NOC from Fire Services Department before operation of the plant.
- iii. The industry shall adopt appropriate pollution control system to achieve Zero Liquid Discharge (ZLD) and ensure that there will be no discharge from the unit.
- iv. The industry shall segregate effluents into different streams i.e. High TDS and High COD, High COD and Low TDS, Low COD and High TDS, Low COD and Low TDS in case of the industry sending the effluent to CETP.
- v. The industry shall implement monitoring of waste factors for different streams of effluent sand solid waste.
- vi. The industry shall establish suitable scrubbing system in consultation with the APPCB.
- vii. The industry shall provide effective solvent recovery system.
- viii. The industry shall provide hazardous waste container (drums) cleaning/washing system. (Container detoxification)
- ix. The industry shall provide flow meter to measure quantity of steam consumed for MEE system.

- x. The industry shall provide magnetic tamper proof flow meters to measure quantity of different streams of effluents generated and routed through the treatment systems.
- xi. The industry shall provide steam stripping system to handle volatile matter in the effluents.
- xii. The industry shall send hazardous waste to the authorized cement industries/ TSDF/ authorized recyclers by properly maintaining the system.

## **Part B. Specific Conditions:**

### **Air & Noise Environment: After expansion:**

1. The emissions from the existing coal fired Boiler of capacity 1 x 4.0 TPH & 1 x 5.0 TPH shall be routed through cyclones separator followed by bag filters with the stack type and height fixed in consultation with the APPCB. Adequate stack height shall be provided for D.G. Sets of capacities 2 x 500 KVA & 1 x 500 KVA as per CPCB norms.
2. The process emissions containing the HBr, HCl, NH<sub>3</sub>, HF, H<sub>2</sub>S and Mercaptans shall be routed through two stages scrubber system. The packing media in the scrubber is 25 mm poly propylene rings. Scrubbed liquid shall be treated and reused or subjected to MEE.
3. Strict measures shall be taken to control odour with appropriate odour abatement methods. Sub coolers for brine circulation shall be installed to reduce solvent evaporation losses into the atmosphere. All the solvent storage tanks shall be connected to vent condensers with chilled water circulation to minimize the solvent loss. The proponent shall install VOC meter in the plant to monitor.
4. The solvents shall be recovered by installing fractional distillation columns. The recovered solvents shall be reused in the process or sold to recyclers authorized by APPCB. The volatile vapours generated during process shall be routed through condensers and the condensate shall be reused in the plant.
5. The area of the greenbelt shall not be less than 33% of the total area of the site. Greenbelt with tall growing trees shall be developed along the boundary of the site.
6. Fugitive emissions from storage tanks shall be avoided by providing air condensers.
7. The proponent should provide appropriate PPE to the persons working in the unit and suitable to their work place environment.
8. The proponent shall establish adequate number of air monitoring stations, including one online station, in consultation with the APPCB and take appropriate measures to ensure that the GLC shall comply with the NAAQM norms notified by MoEF&CC, GoI on 16.11.2009.
9. Measures shall be taken to comply with the provisions made under "Noise pollution (Regulation and control) Amendment Rules 2010 dated 11-01-2010 issued by MoEF.

### **Water Environment:**

10. The total water requirement shall not exceed **332.0 KLD**. Quantity of water used for Process – 49.0 KLD; Washings – 5.0 KLD; Boiler Makeup – 52.50 KLD; Cooling tower make up –

193.0 KLD; Scrubbing system – 3.0 KLD; Domestic purposes – 4.0 KLD & for Development of greenbelt – 25.50 KLD.

**Waste water generation:**

11. The total waste water generation is 90.23 KLD, Out of that; 51.73 KLD is from Process; 5.0 KLD is from washings; 7.50 KLD is from Boiler blow down; 19.50 KLD is from cooling towers bleed off; 3.0 KLD is from Scrubbing System; 3.50 KLD is from Domestic.
12. Zero discharge concepts shall be adopted. High COD & Low TDS shall be sent to incinerator, Low COD & Low TDS shall be sent to conventional ETP and the Low COD & High TDS effluents are routed through Stripper with scrubber followed by MEE and rejects of MEE shall be sent to ATFD. The condensate of the MEE shall be sent to RO. The permeate from the RO plant shall be re-used in the plant and rejects to MEE. The domestic waste water shall be disposed into the septic tank followed by soak pit.
13. The proponent shall provide separate storm water drains and harvest the rainwater from the rooftops to recharge the ground water.
14. Regular monitoring of ground water level and quality should be carried out by establishing a network of existing wells in and around project area in consultation with the competent Ground Water Department. Data thus collected should be sent at regular intervals to MoEF&CC, CGWA and CGWB, Southern, Region, Hyderabad.
15. Suitable conservation measures to augment groundwater resources in the area shall be planned and implemented in consultation with GWB. Suitable measures should be taken for rainwater harvesting.
16. In case of Ground water usage, Permission from the competent authority should be obtained for drawl of ground water, if any, required for this project.

**Hazardous / Solid Wastes:**

17. Hazardous waste generated from the industry such as organic residue, salts, spent solvents waste oils, used oils etc., shall be disposed as per the Hazardous and other Wastes (Management and Tran boundary movement) Rules, 2016 and its amendments thereof.
18. The Hazardous & Non-Hazardous / Solid waste and disposal:

S. No.	Name of the waste	Quantity	Disposal Method
<b>Hazardous Waste Details:</b>			
1.	Organic solid waste (Process Residue)	1130 Kg/Day	To Cement Industries
2.	Solvent Distillation Residue	483 Ltrs/Day	
3.	Spent Carbon	60 Kg/Day	
4.	Organic distillate from MEE Stripper	440 Kg/Day	
5.	Inorganic Solid Waste	2111 Kg/Day	To TSDF

6.	ETP Sludge	50 Kg/Day	
7.	MEE salts	1829 Kg/day	
8.	Used Oils	300 Ltrs/Annum	To SPCB Authorized Agencies for Reprocessing / Recycling
9.	Detoxified Containers/ Container liners	1500 No"s / Month	After Detoxification shall be sent to SPCB authorized agencies.
10.	Used Lead Acid Batteries	4 No"s/ Annum	Send back to suppliers for buyback of New Batteries
Solid waste details:			
11.	Ash from boilers	10.5 TPD	To Brick Manufacturers

19. The Organic and Inorganic solid wastes, Spent Carbon, process residues shall be sent to the authorized users or recyclers approved by the APPCB.
20. The proponent should strictly comply with the E-Waste Management Rules, 2016, and report compliance.

**Environment:**

21. The Project Proponent shall ensure that the transportation activity of the unit should not cause any inconvenience to the public and comply with the local norms, if any;
22. The project shall implement the commitments, if any, made in the public hearing;

**Part C: General Conditions:**

1. **This order is valid for 7 years.**
2. No further expansion, increase in production; or change in product mix or technologies/land use shall be made without prior approval of the SEIAA
3. The project proponent shall submit the copies of the **Environmental Clearance** to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
4. The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and SEIAA, A.P.
5. The **Prior Environmental Clearance** issued to this project along with the Approved Environmental Management Plan (EMP) and the Approved DPR should be uploaded in the project's web site and be made available in the public domain.

6. The PEC main contents be displayed on permanent boards at the main entry of the premises and at other prominent places.
7. The project proponent shall strictly adhere to its *Environmental Policy* approved by the SEIAA, and shall be made available in their web site.
8. A separate “*Environmental Management Unit*” (With a laboratory) shall be set up with all monitoring facilities.
9. A Separate Bank account need to be started for the budget allocated for the EMP and the amount committed should be deposited before the project obtains CFE/CFO as the case may be. The amounts allocated should not be diverted for any other purpose.
10. The funds earmarked for environmental protection measures (**Capital cost Rs.210 Lakhs & Recurring cost of Rs.27 Lakhs/Annum**) should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry and its Regional Office located at Vijayawada.
11. The proponent before starting the operations, shall obtain all other mandatory clearances from respective departments, including the CFE and CFO from the APPCB.
12. The project proponent shall meticulously follow the *Form-1/2* of the application; and approved *EMP, for the purpose of all compliances.*
13. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
14. Data on ambient air quality should be regularly submitted to the Ministry including its Regional Office located at Bangalore and the State Pollution Control Board/ Central Pollution Control Board once in six months.
15. Personnel working in the industry should be provided with protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
16. Occupational health check up program for the workers should be undertaken periodically. A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
17. The project proponent shall submit *Half-yearly* reports on the status of compliance of the stipulated *Environmental Clearance Conditions* including results of monitored data (both in hard copies as well as by e-mail) to the Ministry of Environment & Forests, its Regional Office, Vijayawada, SEIAA, A.P., Zonal Office of Central Pollution Control Board, Bangalore, and A.P. Pollution Control Board.

18. The proponent shall upload the status of compliance of the environmental clearance conditions including results of monitored data on their websites and shall update the same periodically.
19. Officials from the Regional Office of MoEF&CC, Vijayawada / The SEIAA, Andhra Pradesh through the Regional Offices of Andhra Pradesh Pollution Control Board, who would be monitoring the implementation of environmental safeguards, should be given full co-operation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents shall be submitted to the CCF, Regional Office to MoEF&CC, Vijayawada.
20. SEIAA also reserves the right to cancel the EC issued at any time, if EC has been obtained by the proponent through suppression of any information or furnishing false information upon which the project is appraised.
21. Concealing the factual data in the compliance reports, or failure to comply with any conditions mentioned above may result in withdrawal of the EC and attract action under the provisions of Environment (Protection) Act, 1986.
22. The SEIAA may revoke or suspend the order, if implementation of any of the above conditions is not satisfactory. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
23. Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
24. The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

**MEMBER SECRETARY,  
SEIAA, A.P.**

**MEMBER,  
SEIAA, A.P.**

**CHAIRMAN,  
SEIAA, A.P.**

To  
M/s. Orch Laboratories India Pvt. Ltd,  
Sri E Bhaskar Rao, Director,  
Plot Nos.: 51-A to J & 56-F,  
IDA Kondapally, Ibrahimpatnam Mandal,  
Krishna District Andhra Pradesh.

**Copy to:**

1. The Chairman, SEAC, A.P. for kind information.
2. The Member Secretary, APPCB for kind information.
3. The EE, RO: Vijayawada, APPCB for information.
4. The Regional Officer, MoEF&CC, GoI, Vijayawada for kind information.
5. The Secretary, MoEF&CC, GoI New Delhi for kind information.
6. Monitoring cell, MoEF&CC, GoI, New Delhi for kind information.
7. The District Collector, Krishna District, Andhra Pradesh for kind information.

# M/s. ORCH LABORATORIES INDIA PVT. LTD.

## ENVIRONMENTAL CLEARANCE

Order No. SEIAA/AP/KRI/IND/11/2020/178.9 & 175.5

Dated.14/04/2022

Ministry of Environment & Forests & Climate Change  
(IA Division) Government of India

### EC CONDITION WISE COMPLIANCE REPORT FOR THE PERIOD APRIL TO SEPTEMBER, 2025

S. No.	CONDITIONS	COMPLIANCE
<b>A. SPECIAL CONDITIONS</b>		
i.	The proposal shall not attract the following Acts & Rules: a) Forest Act 1980, b) Wild life (Protection) Act,1972; c) CRZ Notification, 2011; d) The Eco sensitive areas as notified under Environment (Protection) Act,1986; e) Critically polluted areas as notified by CPCB and also shall not harm live stocks and human beings and disturb their activities.	Project doesn't fall under Acts & Rules given in condition.  We ensure not to harm live stocks and human being and disturb their activities.
ii.	The Proponent shall obtain NOC from Fire services Department before operation of the plant	The Industry had obtained NOC from Fire service Department with RC No. 17263/KRI/MSB/2021 Dated. 05/10/2023  <b>Copy of Fire NOC is attached as Annexure - I</b>
iii.	The industry shall adopt appropriate pollution control system to achieve Zero Liquid Discharge (ZLD) and ensure that there will be no discharge from the unit.	Industry has Installed the Zero Liquid Discharge (ZLD) unit for effluent treatment purpose and ensuring that there is no discharge from the unit.
iv.	The industry shall segregate effluents into different streams i.e. High TDS and High COD, high COD and Low TDS, Low COD and High TDS, Low COD and Low TDS in case of the industry sending the effluent to CETP.	Industry is segregating effluents into High TDS, High COD and Low TDS and Low COD to treat the Effluents in Installed ZLD unit
v.	The industry shall implement monitoring of waste factors for different streams of effluents and solid waste.	Noted for compliance.

S. No.	CONDITIONS	COMPLIANCE
vi.	The industry shall establish suitable scrubbing system in consultation with the APPCB.	Noted and industry had installed a Graphite dual stage scrubbing system with chilled cooling for process emissions and online pH monitoring system  <b>Photo of the two stage scrubbing system enclosed as OBE-1</b>
vii.	The industry shall provide effective solvent recovery system.	Industry had provided solvent recovery system and also carrying out simple distillation in the reactors integrated with two stage vapour condensing system containing coolers and sub coolers.
viii.	The industry shall provide hazardous waste container (drums) cleaning/washing system (Container detoxification).	Industry had Provided system for detoxification of containers by cleaning/washing. Wash waters collected along with effluent for treatment.  <b>Photo of the detoxification area enclosed as OBE-2</b>
ix.	The industry shall provide flow meter to measure quantity of stream consumed for MEE system.	Industry has installed the flow meters with totalizer in the input of MEE system
x.	The industry shall provide magnetic tamper proof flow meters to measure quantity of different streams of effluents generated and routed through the treatment systems.	Industry had provided magnetic tamper proof flow meters to quantify the effluent generated and routed through the treatment systems.  <b>Photo of the effluent flow meters enclosed as OBE-3</b>
xi.	The industry shall provide stream stripping system to handle volatile matter in the effluents	Industry has installed Pretreatment for effluent where all the volatile matter is handled and COD in the effluent is reduced before feeding in to MEE
xii.	The industry shall send hazardous waste to the authorized cement industries/ TSD/authorized recyclers by properly maintaining the system.	Industry is sending generated Hazardous solid waste to cement industries and to TSD with proper transport through APEMCL website.  <b>Copy of Online generated TSD manifest document attached as Annexure-II</b>

S. No.	CONDITIONS	COMPLIANCE
<b>B) Specific Conditions:</b>		
<b>Air &amp; Noise Environment:</b>		
1.	<p>The emissions from the existing coal fired Boiler of capacity 1 x 4.0 TPH &amp; 1 x 5.0 TPH shall be routed through cyclones separator followed by bag filters with the stack type and height fixed in consultation with the APPCB. Adequate stack height shall be provided for D.G. Sets of capacities 2 x 500 KVA &amp; 1 x 500 KVA as per CPCB norms.</p>	<p>Industry is operating the coal fired boiler of capacity 1 x 4.0 TPH with stack height of 30mts. and provided with multi cone cyclone separator along with Cyclomax to minimize the particulate in the emission not to exceed 115 mg/Nm<sup>3</sup>. And 1 x 3 TPH is being operated along with ZLD plant with stack height of 30mtrs as per APPCB norms.</p> <p>Adequate stack height of 12mtrs has been provided for D.G. Sets of capacity 2 X 500 KVA &amp; 1 X 250 KVA as per CPCB norms.</p> <p><b>Copy of latest stack emission report of Boiler &amp; DG sets attached as Annexure-III</b></p>
2.	<p>The process emissions containing the HBr, HCl, NH<sub>3</sub>, HF, H<sub>2</sub>S and Mercaptans shall be routed through two stage scrubber system. The packing media in the scrubber is 25 mm poly propylene rings. Scrubbed liquid shall be treated and reused or subjected to MEE.</p>	<p>Noted and at present the process emissions are routed through dual stage scrubbers along with cooling system and online pH monitoring system and scrubbed liquid is re used for process.</p> <p><b>Photo of the two-stage scrubbing system enclosed as OBE-1</b></p>
3.	<p>Strict measures shall be taken to control odour with appropriate odour abatement methods. Sub coolers for brine circulation shall be installed to reduce solvent evaporation losses into the atmosphere. All the solvent storage tanks shall be connected to vent condensers with chilled water circulation to minimize the solvent loss. The proponent shall install VOC meter in the plant to monitor.</p>	<p>Noted and the following measures are carried out to control fugitive emissions and odour problem.</p> <p>Sub coolers and secondary condensers with brine cooling system are provided to vapour condensing system and solvent storage tank vents are provided with vent condensers.</p> <p>We have installed online VOC Monitoring system for continuous Monitoring. Also portable VOC meter is available to monitor inside the Production blocks</p>

S. No.	CONDITIONS	COMPLIANCE
		<b>Photos of online VOC monitoring system &amp; Portable VOC are enclosed as OBE-4</b>
4.	The solvents shall be recovered by installing fractional distillation columns. The recovered solvents shall be reused in the process or sold to recyclers authorized by APPCB. The volatile vapours generated during process shall be routed through condensers and the condensate shall be reused in the plant.	Industry had installed solvent recover system and also Industry is doing the simple distillation in the reactors integrated with cooler and sub coolers. Along with vent condensing system. Recovered solvents are reused in the plant.
5.	The area of the greenbelt shall not be less than 33% of the total area of the site. Greenbelt with tall growing trees shall be developed along the boundary of the site	Industry had developed greenbelt inside and outside the plant premises apart from that, Industry had got permission to maintain greenbelt in an open area of 4.12 Acre from Kondapalli Notified Gram Panchayath Industrial Area Service Society Land (APIIC-IALA) in IDA Kondapalli and we have completed&Maintaining greenbelt development in the allotted area.  <b>Photo of the Greenbelt enclosed as OBE-5 &amp; Allotment summary with letters are attached as Annexure-IV</b>
6.	Fugitive emissions from storage tanks shall be avoided by providing air condensers	Provided vent condensers to solvent storage tank to avoid fugitive emissions.
7.	The proponent should provide appropriate PPE to the persons working in the unit and suitable to their work place environment.	Appropriate PPE Helmets, Mask, aprons, goggles & Safety shoes are Provided to all working persons in the unit.
8.	The proponent shall establish adequate number of air monitoring stations, including one online station, in consultation with the APPCB and take appropriate measures to ensure that the GLC shall comply with the NAAQM norms notified by MoEF & CC, Gol on 16.11.2009	Monitoring locations will be set up with the consultation with CPCB.
9.	Measures shall be taken to comply with the provisions made under "Noise pollution (Regulation and control) Amendment Rules 2010 dated 11-01-2010 issued by MoEF.	Noted for compliance.

S. No.	CONDITIONS	COMPLIANCE
<b>Water Environment:</b>		
10.	The total water requirement shall not exceed <b>332.0 KLD</b> . Quantity of water used for Process– 49.0 KLD; Washings – 5.0 KLD; Boiler Makeup – 52.50 KLD; Cooling tower make up – 193.0 KLD; Scrubbing system – 3.0 KLD; Domestic purposes – 4.0 KLD & for Development of greenbelt – 25.50 KLD.	Noted and will ensure the total water consumption within the permitted quantity.
<b>Waste water generation:</b>		
11.	The total waste water generation is 90.23 KLD, Out of that; 51.73 KLD is from Process; 5.0KLD is from washings; 7.50 KLD is from Boiler blow down; 19.50 KLD is from cooling towers bleed off; 3.0 KLD is from Scrubbing System; 3.50 KLD is from Domestic.	Noted and will ensure the total waste water generation within the permitted quantity.
12.	Zero discharge concepts shall be adopted. High COD & Low TDS shall be sent to incinerator, Low COD & Low TDS shall be sent to conventional ETP and the Low COD & High TDS effluents are routed through Stripper with scrubber followed by MEE and rejects of MEE shall be sent to ATFD. The condensate of the MEE shall be sent to RO. The permeate from the RO plant shall be re-used the plant and rejects to MEE. The domestic waste water shall be disposed into the septic tank followed by soak pit.	Noted industry had installed and operating Zero Liquid discharge system. Industry also installed HTDS Effluent Pretreatment followed by MEE and MEE reject to ATFD. MEE condensate is again treated and sends to RO. RO permeate is being reused in the plant
13.	The proponent shall provided separate storm water drains and harvest the rainwater from the rooftops to recharge the ground water.	Industry had provided separate storm water drains and also made arrangements to harvest the rain water from the rooftops to recharge the ground water.  <b>Photo of rainwater harvesting pit enclosed as OBE-6</b>
14.	Regular monitoring of ground water level and quality should be carried out by establishing a network of existing wells in and around project area in consultation with the competent Ground Water Department. Data thus collected should be sent at regular intervals to MoEF & CC, CGWA and CGWB, Southern, Region, Hyderabad.	Noted for compliance

S. No.	CONDITIONS	COMPLIANCE																																			
15.	Suitable conservation measures to augment ground water resources in the area shall be planned and implemented in consultation with GWB. Suitable measures should be taken for rain water harvesting.	Noted, industry had taken all suitable measures for rain water harvesting.																																			
16.	In case of Ground water usage, Permission from the competent authority should be obtained for drawl of ground water, if any, required for this project.	Ground water permission has been obtained.  <b>Copy of ground water permission enclosed as Annexure –V</b>																																			
<b>Hazardous / Solid Wastes:</b>																																					
17.	Hazardous waste generated from the industry such as organic residue, salts, spent solvents waste oils, used oils etc., shall be disposed as per the Hazardous and other Wastes (Management and Tran boundary movement) Rules, 2016 and its amendments thereof.	Noted for compliance.																																			
18.	The Hazardous & Non-Hazardous / Solid waste and disposal:  <table border="1" data-bbox="319 1115 877 2013"> <thead> <tr> <th>S. No</th> <th>Name of the waste</th> <th>Quantity</th> <th>Disposal Method</th> </tr> </thead> <tbody> <tr> <td colspan="4"><b>Hazardous Waste Details:</b></td> </tr> <tr> <td>1</td> <td>Organic solid waste (Process Residue)</td> <td>1130 Kg/Day</td> <td rowspan="4">To Cement Industries</td> </tr> <tr> <td>2</td> <td>Solvent Distillation Residue</td> <td>483 Lts/Day</td> </tr> <tr> <td>3</td> <td>Spent Carbon</td> <td>60 Kg/Day</td> </tr> <tr> <td>4</td> <td>Organic distillate from MEE Stripped</td> <td>440 Kg/Day</td> </tr> <tr> <td>5</td> <td>Inorganic Solid Waste</td> <td>2111 Kg/Day</td> <td rowspan="3">To TSDF</td> </tr> <tr> <td>6</td> <td>ETP Sludge</td> <td>50 Kg/Day</td> </tr> <tr> <td>7</td> <td>MEE salts</td> <td>1829 Kg/day</td> </tr> <tr> <td>8</td> <td>Used Oils</td> <td>300 Lts/Annunum</td> <td>To SPCB Authorized Agencies for Reproce</td> </tr> </tbody> </table>	S. No	Name of the waste	Quantity	Disposal Method	<b>Hazardous Waste Details:</b>				1	Organic solid waste (Process Residue)	1130 Kg/Day	To Cement Industries	2	Solvent Distillation Residue	483 Lts/Day	3	Spent Carbon	60 Kg/Day	4	Organic distillate from MEE Stripped	440 Kg/Day	5	Inorganic Solid Waste	2111 Kg/Day	To TSDF	6	ETP Sludge	50 Kg/Day	7	MEE salts	1829 Kg/day	8	Used Oils	300 Lts/Annunum	To SPCB Authorized Agencies for Reproce	Noted and ensure the hazardous and non-Hazardous solid waste generation within the permitted quantities and follow the disposal methods mentioned to dispose the hazardous waste.
S. No	Name of the waste	Quantity	Disposal Method																																		
<b>Hazardous Waste Details:</b>																																					
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S. No.	CONDITIONS				COMPLIANCE
				ssing /Recycling	
9	Detoxified Containers/Container liners		1500 No's /Month	After Detoxification shall be sent to SPCB authorized agencies .	
10	Used Lead Acid Batteries		4 No's/ Annum	Send back to suppliers for buyback of New Batteries	
<b>Solid waste details:</b>					
11	Ash from boilers		10.5 TPD	To Brick Manufacturers	
19.	The Organic and Inorganic solid wastes, Spent Carbon, process residues shall be sent to the authorized users or recyclers approved by the APPCB.				All the generated solid waste is sent to authorize recyclers approved by APPCB.
20.	The proponent should strictly comply with the E-Waste Management Rules, 2016, and report compliance.				Noted and accepted.
<b>Environment:</b>					
21	The Project Proponent shall ensure that the transportation activity of the unit should not cause any inconvenience to the public and comply with the local norms, if any;				Noted for compliance.
22	The project shall implement the commitments, if any, made in the public hearing;				Noted, Unit is in IDA Kondapally.
<b>Part-C: GENERAL CONDITIONS:</b>					
1.	This order is valid for a period of 7 years.				Noted
2.	No further expansion, increase in production; or change in product mix or technologies/land use shall be made without prior approval of the SEIAA.				Noted and accepted. Prior approval will be taken in case of any change.
3.	The project proponent shall submit the copies of the in environmental Clearance to the Heads of local bodies, Panchayats and Municipal				Complied EC copy submitted to local authorities.

S. No.	CONDITIONS	COMPLIANCE
	Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	
4.	The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and SEIAA, A.P.	We have advertised that our project has been accorded EC form SEIAA, AP in two local news papers widely circulated Date: 1.Telugu-Eenadu dt.16/04/2022 2. English- The Deccan Chronicle dt.10/04/2022.  <b>Copy of advertisement paper cuts enclosed as Annexure -VI</b>
5.	The Prior Environmental Clearance issued to this project along with the Approved Environmental Management Plan (EMP) and the Approved DPR should be uploaded in the project's web site and be made available in the public domain.	Noted for compliance.
6.	The PEC main contents be displayed on permanent boards at the main entry of the premises and at other prominent places.	Noted and PEC main contents displayed at the main gate.
7.	The project proponent shall strictly adhere to its Environmental Policy approved by the SEIAA, and shall be made available in their website.	Agreed to follow
8.	A separate "Environmental Management Unit" (With a laboratory) shall be set up with all monitoring facilities.	We have set up a separate Environmental management laboratory in the unit with all monitoring facilities.
9.	A Separate Bank account need to be started for the budget allocated for the EMP and the amount committed should be deposited before the project obtains CFE/CFO as the case may be. The amounts allocated should not be diverted for any other purpose.	Noted and accepted.
10.	The funds earmarked for environmental protection measures (Capital cost Rs. 210 Lakh & Recurring cost of Rs.27 Lakh/Annum) should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to	Funds made towards EMP will not be diverted. Same will be kept in separate account.

S. No.	CONDITIONS	COMPLIANCE
	the Ministry and its Regional Office located at Vijayawada.	
11.	The proponent before starting the operations shall obtain all other mandatory clearances from respective departments, including the CFE and CFO from the APPCB.	<p>All the clearances from necessary departments have been obtained including CFE &amp; CFO from APPCB.</p> <p>The unit has a valid Renewal CFO vide Consent Order No. 267214/APPCB/VJA/VJA/CTO/HO/2025 Dated. 18.12.2025 which is valid up to 30.09.2026</p> <p><b>Latest CFE &amp; CFO orders attached as Annexure - VII</b></p>
12.	The project proponent shall meticulously follow the Form-1/2 of the application; and approved EMP, for the purpose of all compliances.	Noted for compliance.
13.	Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.	<p>Noted.</p> <p>Monitoring will be done as per condition monitored.</p> <p>Location of monitoring will be set up with the consultation of PCB, covering core zone and buffer zone.</p> <p><b>Latest monitoring reports attached as Annexure-III</b></p>
14.	Data on ambient air quality should be regularly submitted to the Ministry including its regional office located at Bangalore and the State Pollutions Control Board/ Central Pollution Control Board once six months.	<p>Noted for compliance.</p> <p><b>Latest Monitoring reports attached as Annexure-III</b></p>
15.	Personnel working in the industry should be provided with protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.	All personnel working in the Industry are provided with protective mask and additional respiratory devices are provided to the personnel wherever required.
16.	Occupational health check up program for the worker should be undertaken periodically. A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the head of the	<p>Noted and accepted.</p> <p>We have setup a separate environmental management cell with suitable qualified personnel.</p> <p><b>Medical reports attached as Annexure-VIII</b></p>

S. No.	CONDITIONS	COMPLIANCE
	Organization.	
17.	The project proponent shall submit <i>Half-yearly</i> reports on the status of compliance of the stipulated environmental Clearance <i>Condition</i> s including results of monitored data (both in hard copies as well as by e-mail) to the Ministry of Environmental & Forests, its Regional Office, Vijayawada, SEIAA, A.P., Zonal Office of Central Pollution Control Board, Bangalore, and A.P. Pollution Control Board.	Noted for compliance.  <b>Acknowledgement copy of Latest EC Compliance submitted attached as Annexure-IX</b>
18.	The proponent shall upload the status of compliance of the environmental clearance conditions including results of monitored data on their websites and shall update the same periodically.	Noted for compliance.
19.	Officials from the Regional Office of MoEF&CC, Vijayawada / The SEIAA, Andhra Pradesh through the Regional Offices of Andhra Pradesh Pollution Control Board, who would be monitoring the implementation of environmental safeguards, should be given full co-operation, facilities and documents data by the project proponents during their inspection. A complete set of all the documents shall be submitted to the CCF, Regional Office to MoEF&CC, Vijayawada.	We will give full co-operations to show necessary facilities and documents/records will be made available for Visiting Officers form RO, MoEF&CC Vijayawada and RO, APPCB.
20.	SEIAA reserves the right to cancel the EC issued at any time, if EC has been obtained by the proponent through suppression of any information or furnishing false information upon which the project is appraised.	Agreed.
21.	Concealing the factual data in the compliance reports, or failure to comply with a conditions mentioned above may result in withdrawal of the EC and attract action under the provisions of Environment (Protection) Act, 1986.	Agreed.
22.	The SEIAA reserves the right to alter/ modify the above conditions or stipulate any further conditions from time to time, in the interest of environment protection.	Agreed.

S. No.	CONDITIONS	COMPLIANCE
23.	Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.
24.	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	Noted for compliance. <b>PLI Policy copy attached as Annexure-X</b>

## OBE -1: DOUBLE STAGE SCRUBBERS



## OBE -2: DETOXIFICATION AREA



## OBE – 3: EFFLUENT FLOW METERS

### HTDS FLOW METER



### LTDS FLOW METER



## OBE-4: ONLINE VOC METER



# Portable VOC meter



## OBE-5: GREENBELT PHOTOS











**OBE - 6**



## Government of Andhra Pradesh

## A.P. State Disaster Response and Fire Services Department

**Periodical Renewal Fire Certificate**

From:

Director General

State Disaster Response &amp; Fire Services

Andhra Pradesh, Vijayawada.

To:

The General Manager,

District Industries Center, Vijayawada

**File No: 19924/NTR/MSB/2023, Date:05/10/2023****Occupancy NoC RC Number: 17263/KRI/MSB/2021**

Sir,

Sub: Andhra Pradesh State Disaster Response and Fire Services Department - Periodical Fire Certificate to the constructed Multi Storeyed Building of Ms **ORCH LABORATORIES INDIA PRIVATE LIMITED (Revised)**, represented by E Bhaskar Rao, Plot No.51-A,B,C,D,E,F,G&H, IDA Kondapalli, Ibrahimpatnam Mandal - Regarding.

- Ref:
1. G.O.Ms.NO.71 Home (Prisons-A) Department, Dated.01-04-2010 & G.O.Ms.NO.90 Home(Prison & Fire Services), Dt 13-08-2021 & G.O.No 120 Home (Prisons & Fire), Dt 25-10-2021
  2. This Office Delegation of Powers Rc.No.3350/Audit/NOC/2012, Dated.02-05-2023.
  3. This Office NOC for Occupancy Rc No. 17263/KRI/MSB/2021, Dt.12/05/2021
  4. Renewal NOC For Occupancy 17263/KRI/MSB/2021, Dt.05/03/2020
  5. Online Application for Renewal NOC of E Bhaskar Rao, Plot No.51-A,B,C,D,E,F,G&H, IDA Kondapalli, Ibrahimpatnam Mandal - Inspection report called for Regarding.
  6. Online Inspection Report submitted by Officers of this Department on 04-10-2023.

-- x --

The Management of Ms ORCH LABORATORIES INDIA PRIVATE LIMITED (Revised), represented by E Bhaskar Rao, Plot No.51-A,B,C,D,E,F,G&H, IDA Kondapalli, Ibrahimpatnam Mandal has requested to issue Periodical Fire Certificate duly remitting the Fire Precautionary fee for Rs.153687/- vide challan No. 61031465622022, Dated 25/04/2022 at online, online.

**Production Block - III ,Admin Block ,Production Block - II ,Ware House ,Boiler House ,Storage tank shed ,Utility Shed ,Engineering Store ,Production Block - I**

1. This certificate is being issued as per G.O.Ms.No:90,Home(Prisons & Fire),Dt:13-08-2021 & GO.No:120,Home(Prisons & Fire),Dt-25-10-2021
2. The No Objection Certificate for Occupancy was issued vide reference cited (3) and the Management has also obtained Periodical Renewal Fire Certificate for vide reference 4th cited to the constructed Multi Storeyed Building.
3. The Officers of the department have recommended to issue The Periodical Renewal Fire Certificate E Bhaskar Rao Plot No.51-A,B,C,D,E,F,G&H, IDA Kondapalli, Ibrahimpatnam Mandal, subject to the following conditions.

Sl	As Builder	As Occupant	As Security Personnel
1	All the fire protection arrangements shall be maintained in good condition as seen during inspection.	All the escape/exit routes shall not be kept locked/blocked or encroached	All the occupants must know the correct method of operation of the fire fighting system installed.

2	Any loss of life or property due to non-functioning of fire safety measures and other installations shall be the responsibilities of the management.	All occupants shall be trained to operate the fire safety equipments during emergency.	Mock drills should be conducted once in 3 months for initial two years. Thereafter, once in every 6 months.
3	Addition / alteration, if any in the building may be verified by building authority.	Mock drills should be conducted once in 3 months for initial two years. Thereafter, once in every 6 months.	All security personnel shall be trained to operate the fire safety equipments during emergency.
4	This is Only for Fire Safety Point of View.	Raise the alarm if the fire cannot be controlled; Evacuate the area completely at once with nearest safe exit.	Attack the fire using available fire equipment only if you feel capable of controlling. If not, take all steps to isolate the area by closing doors and windows.

4. This Periodical Renewal Fire Certificate is valid from 05/10/2023 to 04/10/2026.

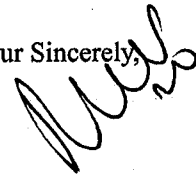
5. The Responsibility/liability of the owner/occupier or both to maintain Fire safety measures in good condition in all times, in accordance with AP Fire safety Act 1999 and Rules, 2006.

6. The Applicant/Management has agreed to comply with proposed revision of fire safety measures, which were sent to government vide Rc No. /MSB/Section/2023 Dt. 11-05-2023 or any other fire safety measures as may be approved by the government from time to time.

The following deficiencies are identified by the officers of the department and needs to be attended to by the management.

40% of the total staff should be trained in basic fire prevention & First Aid fire fighting training course at A.P. Fire Service training institute or Regional Training Centres and must produce the pass certificate with in 6 months

Your Sincerely,



Director General  
State Disaster Response & Fire Services  
Andhra Pradesh, Vijayawada.

Copy to E Bhaskar Rao, M/s. Orch Laboratories India Pvt, Ltd., Plot No.51-A,B,C,D,E,F,G&H, IDA Kondapalli, Ibrahimpatnam Mandal, Krishna District  
M/s. Orch Laboratories India Pvt, Ltd., Plot No.51-A,D,E,F,G&H, IDA Kondapalli, Ibrahimpatnam Mandal, Krishna District

Copy to Chief Office for Record Purpose

Copy to Regional Fire Officer Concerned

Copy to District Fire Officer Concerned

Copy to Assistant District Fire Officer Concerned

**FORM 10**  
[See rule 19 (1)]

**MANIFEST FOR HAZARDOUS AND OTHER WASTE**

1	Sender's Name & Mailing Address (including PhoneNo. and email)	<b>Name :</b> Orch Laboratories India Pvt Ltd, <b>Address:</b> Plot No.51A to J & 56 F, IDA, Kondapalli, Ibrahimpatnam (M), <b>Phone No :</b> 7893268682 <b>Email:</b> hr@orchlabs.com																						
2	Sender's Authorisation No:	APPCB/VJA/VJA/191/HO/CTO/2018																						
3	Manifest Document No:	221654																						
4	Transporter Name & Mailing Address: (including PhoneNo. and email):	<b>Name:</b> MOHAN PRIYA TRANSPORTERS <b>Address:</b> Kapu street, ananthasagaram, Sri pottisriramulu nellore, Andhrapradesh, 524302 <b>Phone No :</b> 9908205004 <b>Email :</b> mohanatransporters@gmail.com																						
5	Type of Vehicle:	Truck																						
6	VehicleRegistration No:	AP16TQ1088																						
7	Receiver's Name& mailingAddress, (including PhoneNo. and Email:	<b>Name :</b> Zuari Cements Ltd. (Plant) (Formerly M/s.Vishnu Cement Ltd) <b>Address:</b> Sitapuram, Dondapadu village, mellacherivu mandal, Suryapet District. <b>Phone No :</b> 9959072751 <b>Email:</b> alla.nagaraju@zcltd.com																						
8	Receiver's Authorisation No:	220823412476																						
9	Waste Description:	a) HW - Utilizable Waste - 28.1 Process Residue and wastes , Organic Solid waste																						
10	Total Quantity No. of Containers:	a) 30 - Tonnes, 1 Container																						
11	Physical Form:	a) Solid																						
12	Special Handling Instructions & Additional Information:	Use PPE, use hand glove, use helmet																						
13	Sender's Certificate:	I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are categorised, packed, marked and labelled, and are in all respects in proper conditions for transport by road according to applicable national government regulations.																						
	Name and stamp:	Signature: Acknowledged from IP: 202.170.205.140					<table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td>D</td><td>D</td><td>M</td><td>M</td><td>Y</td><td>Y</td><td>Y</td><td>Y</td> </tr> <tr> <td>1</td><td>6</td><td>0</td><td>7</td><td>2</td><td>0</td><td>2</td><td>5</td> </tr> </table>		D	D	M	M	Y	Y	Y	Y	1	6	0	7	2	0	2	5
D	D	M	M	Y	Y	Y	Y																	
1	6	0	7	2	0	2	5																	
14	Transporter acknowledgement of receipt of Wastes:																							
	Name and stamp:	Signature: Acknowledged from IP: 223.238.31.208					<table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td>D</td><td>D</td><td>M</td><td>M</td><td>Y</td><td>Y</td><td>Y</td><td>Y</td> </tr> <tr> <td>1</td><td>6</td><td>0</td><td>7</td><td>2</td><td>0</td><td>2</td><td>5</td> </tr> </table>		D	D	M	M	Y	Y	Y	Y	1	6	0	7	2	0	2	5
D	D	M	M	Y	Y	Y	Y																	
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15	Receivers certification for receipt of hazardous and other waste:																							
	Name and stamp:	Signature:					<table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td>D</td><td>D</td><td>M</td><td>M</td><td>Y</td><td>Y</td><td>Y</td><td>Y</td> </tr> </table>		D	D	M	M	Y	Y	Y	Y								
D	D	M	M	Y	Y	Y	Y																	

Status: Awaiting Receiver Acceptance

**FORM 10**  
[See rule 19 (1)]

**MANIFEST FOR HAZARDOUS AND OTHER WASTE**

1	Sender's Name & Mailing Address (including PhoneNo. and email)	<b>Name :</b> Orch Laboratories India Pvt Ltd, <b>Address:</b> Plot No.51A to J & 56 F, IDA, Kondapalli, Ibrahimpatnam (M), <b>Phone No :</b> 7893268682 <b>Email:</b> hr@orchlabs.com																						
2	Sender's Authorisation No:	APPCB/VJA/VJA/191/HO/CTO/2018																						
3	Manifest Document No:	220443																						
4	Transporter Name & Mailing Address: (including PhoneNo. and email):	<b>Name:</b> MOHAN PRIYA TRANSPORTERS <b>Address:</b> Kapu street, ananthasagaram, Sri pottisriramulu nellore, Andhrapradesh, 524302 <b>Phone No :</b> 9908205004 <b>Email :</b> mohanatransporters@gmail.com																						
5	Type of Vehicle:	Truck																						
6	VehicleRegistration No:	AP16TQ1088																						
7	Receiver's Name & mailingAddress, (including PhoneNo. and Email:	<b>Name :</b> Coastal Waste Management Project (Unit-2) <b>Address:</b> Raviguntapalli(V),Rapur(M),SPSR Nellore District <b>Phone No :</b> 9154252951 <b>Email:</b> cwmp.nellore@resustainability.com																						
8	Receiver's Authorisation No:	APPCB/UH-IV/HWM/CFO/CWMP-NLR/2018																						
9	Waste Description:	a) HW - Land Fillable Waste - 37.3 Concentration or evaporation residues , MEE salts																						
10	Total Quantity No. of Containers:	a) 30 - Tonnes, 01 Container																						
11	Physical Form:	a) Solid																						
12	Special Handling Instructions & Additional Information:	Use PPE, use hand glove, use helmet																						
13	Sender's Certificate:	I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are categorised, packed, marked and labelled, and are in all respects in proper conditions for transport by road according to applicable national government regulations.																						
	Name and stamp:	Signature: Acknowledged from IP: 202.170.205.98					<table border="1" style="width: 100%; text-align: center;"> <tr> <td>D</td><td>D</td><td>M</td><td>M</td><td>Y</td><td>Y</td><td>Y</td><td>Y</td> </tr> <tr> <td>1</td><td>1</td><td>0</td><td>7</td><td>2</td><td>0</td><td>2</td><td>5</td> </tr> </table>		D	D	M	M	Y	Y	Y	Y	1	1	0	7	2	0	2	5
D	D	M	M	Y	Y	Y	Y																	
1	1	0	7	2	0	2	5																	
14	Transporter acknowledgement of receipt of Wastes:																							
	Name and stamp:	Signature: Acknowledged from IP: 106.221.180.71					<table border="1" style="width: 100%; text-align: center;"> <tr> <td>D</td><td>D</td><td>M</td><td>M</td><td>Y</td><td>Y</td><td>Y</td><td>Y</td> </tr> <tr> <td>1</td><td>1</td><td>0</td><td>7</td><td>2</td><td>0</td><td>2</td><td>5</td> </tr> </table>		D	D	M	M	Y	Y	Y	Y	1	1	0	7	2	0	2	5
D	D	M	M	Y	Y	Y	Y																	
1	1	0	7	2	0	2	5																	
15	Receivers certification for receipt of hazardous and other waste:																							
	Name and stamp:	Signature: Acknowledged from IP: 47.247.120.234					<table border="1" style="width: 100%; text-align: center;"> <tr> <td>D</td><td>D</td><td>M</td><td>M</td><td>Y</td><td>Y</td><td>Y</td><td>Y</td> </tr> <tr> <td>1</td><td>2</td><td>0</td><td>7</td><td>2</td><td>0</td><td>2</td><td>5</td> </tr> </table>		D	D	M	M	Y	Y	Y	Y	1	2	0	7	2	0	2	5
D	D	M	M	Y	Y	Y	Y																	
1	2	0	7	2	0	2	5																	

**FORM 10**  
[See rule 19 (1)]

**MANIFEST FOR HAZARDOUS AND OTHER WASTE**

1	Sender's Name & Mailing Address (including PhoneNo. and email)	<b>Name :</b> Orch Laboratories India Pvt Ltd, <b>Address:</b> Plot No.51A to J & 56 F, IDA, Kondapalli, Ibrahimpatnam (M), <b>Phone No :</b> 7893268682 <b>Email:</b> hr@orchlabs.com																						
2	Sender's Authorisation No:	APPCB/VJA/VJA/191/HO/CTO/2018																						
3	Manifest Document No:	219419																						
4	Transporter Name & Mailing Address: (including PhoneNo. and email):	<b>Name:</b> MOHAN PRIYA TRANSPORTERS <b>Address:</b> Kapu street, ananthasagaram, Sri pottisriramulu nellore, Andhrapradesh, 524302 <b>Phone No :</b> 9908205004 <b>Email :</b> mohanatransporters@gmail.com																						
5	Type of Vehicle:	Truck																						
6	VehicleRegistration No:	AP26TB7497																						
7	Receiver's Name& mailingAddress, (including PhoneNo. and Email:	<b>Name :</b> Coastal Waste Management Project (Unit-2) <b>Address:</b> Raviguntapalli(V),Rapur(M),SPSR Nellore District <b>Phone No :</b> 9154252951 <b>Email:</b> cwmp.nellore@resustainability.com																						
8	Receiver's Authorisation No:	APPCB/UH-IV/HWM/CFO/CWMP-NLR/2018																						
9	Waste Description:	a) HW - Land Fillable Waste - 28.1 Process Residue and wastes , Inorganic solid waste																						
10	Total Quantity No. of Containers:	a) 22.43 - Tonnes, 1 Container																						
11	Physical Form:	a) Solid																						
12	Special Handling Instructions & Additional Information:	Use PPE, use hand glove, use helmet																						
13	Sender's Certificate:	I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are categorised, packed, marked and labelled, and are in all respects in proper conditions for transport by road according to applicable national government regulations.																						
	Name and stamp:	Signature: Acknowledged from IP: 202.170.205.107					<table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td>D</td><td>D</td><td>M</td><td>M</td><td>Y</td><td>Y</td><td>Y</td><td>Y</td> </tr> <tr> <td>0</td><td>8</td><td>0</td><td>7</td><td>2</td><td>0</td><td>2</td><td>5</td> </tr> </table>		D	D	M	M	Y	Y	Y	Y	0	8	0	7	2	0	2	5
D	D	M	M	Y	Y	Y	Y																	
0	8	0	7	2	0	2	5																	
14	Transporter acknowledgement of receipt of Wastes:																							
	Name and stamp:	Signature: Acknowledged from IP: 223.238.75.198					<table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td>D</td><td>D</td><td>M</td><td>M</td><td>Y</td><td>Y</td><td>Y</td><td>Y</td> </tr> <tr> <td>0</td><td>8</td><td>0</td><td>7</td><td>2</td><td>0</td><td>2</td><td>5</td> </tr> </table>		D	D	M	M	Y	Y	Y	Y	0	8	0	7	2	0	2	5
D	D	M	M	Y	Y	Y	Y																	
0	8	0	7	2	0	2	5																	
15	Receivers certification for receipt of hazardous and other waste:																							
	Name and stamp:	Signature: Acknowledged from IP: 47.247.120.234					<table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td>D</td><td>D</td><td>M</td><td>M</td><td>Y</td><td>Y</td><td>Y</td><td>Y</td> </tr> <tr> <td>0</td><td>9</td><td>0</td><td>7</td><td>2</td><td>0</td><td>2</td><td>5</td> </tr> </table>		D	D	M	M	Y	Y	Y	Y	0	9	0	7	2	0	2	5
D	D	M	M	Y	Y	Y	Y																	
0	9	0	7	2	0	2	5																	



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Certified Laboratory

## Savant Envitech Private Limited

Recognised by CPCB Under EP Act 1986 (MoEFCC)  
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TC-13485

## TEST REPORT

Report No: SEPL/OLIPL/AAQ/2025/0971

ULR No : TC1348525000003262F

Format No: SEPL/GF/LAB-403

## AMBIENT AIR QUALITY MONITORING

Name and Address of the Client:

M/s. Orch Laboratories India (P) Ltd.,  
Plot No. 51-A to J & 56F, IDA Kondapalli (V),  
Ibrahimpattam (M), NTR District-521228  
Andhra PradeshDate of Report : 04.10.2025  
Sampling Date : 24.09.2025  
Sample Received on : 25.09.2025  
Analysis Start Date : 25.09.2025  
Analysis Completion Date: 30.09.2025  
Sub Contract Test : Not GivenSample Collected by : Savant Envitech  
Sample Condition : Received in Self sealed Polythene Covers  
and Sample Bottles  
Sampling Procedure : CPCB Guidelines (NAAQMS/36/2012-13)  
Weather Conditions : Clear  
Sample Registration No's: AAQ/09/2025/0971  
Temperature & Humidity: 30.1°C & 62%

Location:

i) Near Security Main Gate

: AAQ/09/2025/0971

: OLIPL/AAQ/24/06/2025/01

## TEST RESULT

Samples are analysed as received basis

S.No	Parameter	Units	Result	NAAQ Standards	Test Method
1	Sampling Duration	Hours	8.0	-	-
2	Average Flow Rate	m <sup>3</sup> /min	1.17	-	-
3	Particulate Matter (<10µm) or PM <sub>10</sub>	µg/m <sup>3</sup>	67.6	100	IS 5182 (Part 23) : 2006
4	Particulate Matter (<2.5µm) or PM <sub>2.5</sub>	µg/m <sup>3</sup>	28.4	60	CPCB Manual (NAAQMS/36/2012-13)
5	Sulphur Dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	17.8	80	IS 5182 (Part 2/Sec 1) : 2023
6	Nitrogen Dioxide as NO <sub>2</sub>	µg/m <sup>3</sup>	22.7	80	IS 5182 (Part 6) : 2006

Opinion and Interpretation: Nil

Note: i) Report pertained only to the collected sample.

ii) Test Reports shall not be reproduced except in full, without written approval of the laboratory.

iii) Limit as per CPCB notification, New Delhi, 18th November -2009(NAAQS), for Ambient Air Quality.

Instrument Details: Ecotech Instruments-RDS Model: AAS 217-NL, Sl.No:18-I-712; Calibration Valid up to 23.10.2025 and PM<sub>2.5</sub> Sampler Make: Lata Envirotech, Model: APM 154 Mini, Sl.No:195-DTJ-2015; Calibration Valid up to 24.10.2025.Checked by  
H. Srinivasulu  
Sr. Chemist

Authorized Signatory  
N.P. Viswanath  
Head - Lab

\*End of the Report\*

Page 1 of 1



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## TEST REPORT

Report No: SEPL/OLIPL/AAQ/2025/0972  
ULR No : TC1348525000003263F

Format No: SEPL/GF/LAB-403

### AMBIENT AIR QUALITY MONITORING

Name and Address of the Client:

M/s. Orch Laboratories India (P) Ltd.,  
Plot No. 51-A to J & 56F, IDA Kondapalli (V),  
Ibrahimpatnam (M), NTR District-521228  
Andhra Pradesh

Date of Report	: 04.10.2025	Sample Collected by	: Savant Envitech
Sampling Date	: 24.09.2025	Sample Condition	: Received in Self sealed Polythene Covers and Sample Bottles
Sample Received on	: 25.09.2025	Sampling Procedure	: CPCB Guidelines (NAAQMS/36/2012-13)
Analysis Start Date	: 25.09.2025	Weather Conditions	: Clear
Analysis Completion Date	: 30.09.2025	Sample Registration No's	: AAQ/09/2025/0972
Sub Contract Test	: Not Given	Temperature & Humidity	: 30.2°C & 63%

Location:

ii) Near Production Block : AAQ/09/2025/0972 : OLIPL/AAQ/24/09/2025/02

### TEST RESULT

Samples are analysed as received basis

S.No	Parameter	Units	Result	NAAQ Standards	Test Method
1	Sampling Duration	Hours	8.0	-	-
2	Average Flow Rate	m <sup>3</sup> /min	1.14	-	-
3	Particulate Matter (<10µm) or PM <sub>10</sub>	µg/m <sup>3</sup>	66.7	100	IS 5182 (Part 23) : 2006
4	Particulate Matter (<2.5µm) or PM <sub>2.5</sub>	µg/m <sup>3</sup>	28.4	60	CPCB Manual (NAAQMS/36/2012-13)
5	Sulphur Dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	18.6	80	IS 5182 (Part 2/Sec 1) : 2023
6	Nitrogen Dioxide as NO <sub>2</sub>	µg/m <sup>3</sup>	24.2	80	IS 5182 (Part 6) : 2006

Opinion and Interpretation: Nil

Note: i) Report pertained only to the collected sample.

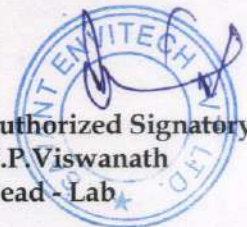
ii) Test Reports shall not be reproduced except in full, without written approval of the laboratory.

iii) Limit as per CPCB notification, New Delhi, 18th November -2009(NAAQS), for Ambient Air Quality.

Instrument Details: Lata Envirotech Instruments-RDS Model: APM 860, SI.No:59-DTI-2013; Calibration Valid up to 23.10.2025 & PM<sub>2.5</sub> Sampler Model: APM 154, SI.No:73-DTH-2013; Calibration Valid up to 22.10.2025.

Checked by  
H. Srinivasulu  
Sr. Chemist

Authorized Signatory  
N.P.Viswanath  
Head - Lab



\*End of the Report\*

Page 1 of 1



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ISO 45001 & 9001  
Certified Laboratory

# Savant Envitech Private Limited

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## TEST REPORT

Report No: SEPL/OLIPL/AAQ/2025/0973  
ULR No : TC1348525000003264F

Format No: SEPL/GF/LAB-403

### AMBIENT AIR QUALITY MONITORING

Name and Address of the Client:

M/s. Orch Laboratories India (P) Ltd.,  
Plot No. 51-A to J & 56F, IDA Kondapalli (V),  
Ibrahimpattanam (M), NTR District-521228  
Andhra Pradesh

Date of Report	: 04.10.2025	Sample Collected by	: Savant Envitech
Sampling Date	: 24.09.2025	Sample Condition	: Received in Self sealed Polythene Covers and Sample Bottles
Sample Received on	: 25.09.2025	Sampling Procedure	: CPCB Guidelines (NAAQMS/36/2012-13)
Analysis Start Date	: 25.09.2025	Weather Conditions	: Clear
Analysis Completion Date	: 30.09.2025	Sample Registration No's	: AAQ/09/2025/0973
Sub Contract Test	: Not Given	Temperature & Humidity	: 30.6°C & 63%

Location:

iii) Near Boiler : AAQ/09/2025/0973 : OLIPL/AAQ/24/09/2025/03

### TEST RESULT

Samples are analysed as received basis

S.No	Parameter	Units	Result	NAAQ Standards	Test Method
1	Sampling Duration	Hours	8.0	-	-
2	Average Flow Rate	m <sup>3</sup> /min	1.15	-	-
3	Particulate Matter (<10µm) or PM <sub>10</sub>	µg/m <sup>3</sup>	69.5	100	IS 5182 (Part 23) : 2006
4	Particulate Matter (<2.5µm) or PM <sub>2.5</sub>	µg/m <sup>3</sup>	29.6	60	CPCB Manual (NAAQMS/36/2012-13)
5	Sulphur Dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	19.2	80	IS 5182 (Part 2/Sec 1) : 2023
6	Nitrogen Dioxide as NO <sub>2</sub>	µg/m <sup>3</sup>	24.8	80	IS 5182 (Part 6) : 2006

Opinion and Interpretation: Nil

Note: i) Report pertained only to the collected sample.

ii) Test Reports shall not be reproduced except in full, without written approval of the laboratory.

iii) Limit as per CPCB notification, New Delhi, 18th November -2009(NAAQS), for Ambient Air Quality.

Instrument Details: RDS: Lata Envirotech Model: APM 860, SI.No:64-DTI-2013; Calibration Valid up to 23.10.2025 & PM<sub>2.5</sub> Sampler Model: APM 154, SI.No:192-DTJ-2015; Calibration Valid up to 22.10.2025.

Checked by  
H. Srinivasulu  
Sr. Chemist

Authorized Signatory  
N.P.Viswanath  
Head - Lab

\*End of the Report\*

Page 1 of 1



# Savant Envitech Private Limited

Recognised by CPCB Under EP Act 1986 (MoEFCC)  
Accredited by ISO / IEC 17025 : 2017 by NABL



TC-13485

**SAVANT**

ISO 45001 & 9001  
Certified Laboratory

## TEST REPORT

Report No: SEPL/OLIPL/N/2025/0358  
ULR No : TC1348525000003267F

Format No : SEPL/GF/LAB-406

### AMBIENT NOISE LEVEL MONITORING

Name and Address of the Client:

M/s. Orch Laboratories India (P) Ltd.,  
Plot No. 51-A to J & 56F, IDA Kondapalli (V),  
Ibrahimpattam (M), NTR District-521228  
Andhra Pradesh

Date of Report : 04.10.2025  
Date of Monitoring : 24.09.2025  
Sample Registration No's : N/09/2025/1595 to N/09/2025/1598  
Sample Drawn by : Savant Envitech  
Sub Contract Test : Not Given

#### Locations:

- |                            |                  |                         |
|----------------------------|------------------|-------------------------|
| 1. Near Security Main Gate | : N/09/2025/1595 | : OLIPL/N/24/09/2025/01 |
| 2. Near Production Block   | : N/09/2025/1596 | : OLIPL/N/24/09/2025/02 |
| 3. Near Boiler             | : N/09/2025/1597 | : OLIPL/N/24/09/2025/03 |
| 4. Near D.G Set Area       | : N/09/2025/1598 | : OLIPL/N/24/09/2025/04 |

### TEST RESULT

S.No	Location	Day Time dB(A) Leq	Night Time dB(A) Leq	CPCB Standards	
				Day dB(A) Leq	Night dB(A) Leq
1	Near Security Main Gate	68.4	64.2	75	70
2	Near Production Block	68.9	65.5	75	70
3	Near Boiler	70.2	66.1	75	70
4	Near D.G Set Area	67.9	64.4	75	70

Opinion and Interpretation: Nil

Method: IS 9989 - 1981 (Reaffirmed 2020)

Note: i) Test Reports shall not be reproduced except in full, without written approval of the laboratory.

#### Instrument Details:

1	Instrument	Sound Level Meter
2	Make	LUTRON
3	Model/ SI.No	SL-4035SD/Q653049
4	Calibrated On	21.05.2025
5	Calibration Due Date	20.05.2026

Checked by  
H. Srinivasulu  
Sr. Chemist

Authorized Signatory  
N.P. Viswanath  
Head - Lab

\*End of the Report\*

Page 1 of 1



# Savant Envitech Private Limited

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TC-13485

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## TEST REPORT

Report No: SEPL/OLIPL/STK/2025/1059

Format No: SEPL/GF/LAB-499

ULR No : TC1348525000003265F

### STACK EMISSION MEASUREMENT

Name and Address of the Client:

M/s. Orch Laboratories India (P) Ltd.,  
Plot No. 51-A to J & 56F, IDA Kondapalli (V),  
Ibrahimpatnam (M), NTR District-521228  
Andhra Pradesh

Date of Report	: 04.10.2025	Sample Collected by	: Savant Envitech
Sampling Date	: 24.09.2025	Sample Condition	: Received in dust tight container and Collection Bottles
Sample Received on	: 25.09.2025	Sampling Procedure	: IS 11255 Methods
Analysis Start Date	: 25.09.2025	Sample Registration No.:	: STK/09/2025/1059
Analysis Completion Date:	30.09.2025	Field ID	: OLIPL/STK/24/09/2025/01
Sub Contract Test	: Not Given		

Sample Particulars : Stack attached to the Coal Fired Boiler 4.0 TPH

### TEST RESULT

S.No	Parameter	Method	Unit	Result	CPCB/APPCB Limits
1	Stack Diameter	--	meter	0.50	--
2	Cross Sectional Area	--	m <sup>2</sup>	0.1963	--
3	Flue Gas Temperature	IS 11255 (Part-3)	°C	147	--
4	Exit Velocity of Flue gases	IS 11255 (Part-3)	m/sec	12.9	--
5	Flow Rate	IS 11255 (Part-3)	Nm <sup>3</sup> /hr	6,111	--
6	Sampling Point Height	--	meter	22.0	--
7	Stack Height	--	meter	30.0	--
8	Particulate Matter	IS 11255 (Part-1)	mg/Nm <sup>3</sup>	67.6	115
9	Sulphur Dioxide as SO <sub>2</sub> @ 6%O <sub>2</sub> dry basis	IS 11255 (Part-2)	mg/Nm <sup>3</sup>	135.8	600
10	Oxides of Nitrogen (NO <sub>x</sub> as NO <sub>2</sub> ) @ 6%O <sub>2</sub> dry basis	IS 11255 (Part-7)	mg/Nm <sup>3</sup>	144.2	300

Opinion and Interpretation: Nil

Note: i) Report pertained only to the collected sample.

ii) Test Reports shall not be reproduced except in full, without written approval of the laboratory.

#### Instrument Details:

1	Instrument	Stack Monitoring Kit
2	Make	Lata Envirotech
3	Model/S.No	APM-160/133-DTB-2020
4	Calibrated On	24.11.2024
5	Calibration Due Date	23.11.2025

Checked by  
H. Srinivasulu  
Sr. Chemist

Authorized Signatory  
N.P. Viswanath  
Head - Lab

\*End of the Report\*



# Savant Envitech Private Limited

Recognised by CPCB Under EP Act 1986 (MoEFCC)  
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## SAVANT

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### TEST REPORT

Report No: SEPL/OLIPL/STK/2025/1060  
ULR No : TC1348525000003266F

Format No: SEPL/GF/LAB-499

### STACK EMISSION MEASUREMENT

Name and Address of the Client:

M/s. Orch Laboratories India (P) Ltd.,  
Plot No. 51-A to J & 56F, IDA Kondapalli (V),  
Ibrahimpattam (M), NTR District-521228  
Andhra Pradesh

Date of Report	: 04.10.2025	Sample Collected by	: Savant Envitech
Sampling Date	: 24.09.2025	Sample Condition	: Received in dust tight container and Collection Bottles
Sample Received on	: 25.09.2025	Sampling Procedure	: IS 11255 Methods
Analysis Start Date	: 25.09.2025	Sample Registration No.:	: STK/09/2025/1060
Analysis Completion Date:	30.09.2025	Field ID	: OLIPL/STK/24/09/2025/02
Sub Contract Test	: Not Given		

Sample Particulars : Stack attached to the Coal Fired Boiler 3.0 TPH

### TEST RESULT

S.No	Parameter	Method	Unit	Result	CPCB /APPCB Limits
1	Stack Diameter	--	meter	0.60	--
2	Cross Sectional Area	--	m <sup>2</sup>	0.2826	--
3	Flue Gas Temperature	IS 11255 (Part-3)	°C	144	--
4	Exit Velocity of Flue gases	IS 11255 (Part-3)	m/sec	13.0	--
5	Flow Rate	IS 11255 (Part-3)	Nm <sup>3</sup> /hr	8,900	--
6	Sampling Point Height	--	meter	11.0	--
7	Stack Height	--	meter	30.0	--
8	Particulate Matter	IS 11255 (Part-1)	mg/Nm <sup>3</sup>	66.2	115
9	Sulphur Dioxide as SO <sub>2</sub> @6%O <sub>2</sub> dry basis	IS 11255 (Part-2)	mg/Nm <sup>3</sup>	129.3	600
10	Oxides of Nitrogen (NO <sub>x</sub> as NO <sub>2</sub> ) @ 6%O <sub>2</sub> dry basis	IS 11255 (Part-7)	mg/Nm <sup>3</sup>	138.7	300

Opinion and Interpretation: Nil

Note: i) Report pertained only to the collected sample.

ii) Test Reports shall not be reproduced except in full, without written approval of the laboratory.

### Instrument Details:

1	Instrument	Stack Monitoring Kit
2	Make	Lata Envirotech
3	Model/S.No	APM-160/133-DTB-2020
4	Calibrated On	24.11.2024
5	Calibration Due Date	23.11.2025

Checked by  
H. Srinivasulu  
Sr. Chemist

Authorized Signatory  
N.P. Viswanath  
Head - Lab

\*End of the Report\*



# Savant Envitech Private Limited

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Certified Laboratory

## TEST REPORT

Report No: SEPL/OLIPL/STK/2025/1061

Format No: SEPL/GF/LAB-499

### STACK EMISSION MEASUREMENT

Name and Address of the Client:

M/s. Orch Laboratories India (P) Ltd.,  
Plot No. 51-A to J & 56F, IDA Kondapalli (V),  
Ibrahimpatnam (M), NTR District-521228  
Andhra Pradesh

Date of Report : 04.10.2025

Sample Collected by : Savant Envitech

Sampling Date : 24.09.2025

Sample Condition : Received in dust tight container,

Sample Received on : 25.09.2025

Tedlar bag and Collection Bottles

Analysis Start Date : 25.09.2025

Sampling Procedure : IS 11255 Methods

Analysis Completion Date: 01.10.2025

Sample Registration No.: STK/09/2025/1061

Sub Contract Test : Not Given

Field ID : OLIPL/STK/24/09/2025/03

Sample Particulars : Stack attached to the DG Set 500 KVA-I

#### TEST RESULT

S.No	Parameter	Method	Unit	Result	Standards
1	Stack Diameter	--	Meter	0.30	--
2	Cross Sectional Area	--	m <sup>2</sup>	0.0707	--
3	Flue Gas Temperature	IS 11255 (Part-3)	°C	124	--
4	Exit Velocity of Flue gases	IS 11255 (Part-3)	m/sec	12.7	--
5	Flow Rate	IS 11255 (Part-3)	Nm <sup>3</sup> /hr	2,299	--
6	Sampling Point Height	--	Meter	15.0	--
7	Stack Height	--	Meter	30.0	--
8	Particulate Matter	IS 11255 (Part-1)	g/kW-hr	0.124	0.2
9	Sulphur Dioxide as SO <sub>2</sub>	IS 11255 (Part-2)	mg/Nm <sup>3</sup>	25.5	--
10	Oxides of Nitrogen (NO <sub>x</sub> as NO <sub>2</sub> )	IS 11255 (Part-7)	g/kW-hr	0.502	4.0
11	Hydrocarbons	Gas Chromatograph	g/kW-hr	0.115	
12	Carbon Monoxide (CO)	Flue Gas Analyzer	g/kW-hr	0.943	3.5

The above standards are from GSR 771 (E) dated on 11.12.2013

Opinion and Interpretation: Nil

Note: i) Report pertained only to the collected sample.

ii) Test Reports shall not be reproduced except in full, without written approval of the laboratory.

#### Instrument Details:

1	Instrument	Stack Monitoring Kit
2	Make	Lata Envirotech
3	Model/S.No	APM-160/133-DTB-2020
4	Calibrated On	24.11.2024
5	Calibration Due Date	23.11.2025

Checked by  
H. Srinivasulu  
Sr. Chemist

Authorized Signatory  
N.P. Viswanath  
Head - Lab

\*End of the Report\*



# Savant Envitech Private Limited

Recognised by CPCB Under EP Act 1986 (MoEFCC)

**SAVANT**

ISO 45001 & 9001  
Certified Laboratory

## TEST REPORT

Report No: SEPL/OLIPL/STK/2025/1062

Format No: SEPL/GF/LAB-499

### STACK EMISSION MEASUREMENT

Name and Address of the Client:

M/s. Orch Laboratories India (P) Ltd.,  
Plot No. 51-A to J & 56F, IDA Kondapalli (V),  
Ibrahimpattam (M), NTR District-521228  
Andhra Pradesh

Date of Report : 04.10.2025 Sample Collected by : Savant Envitech  
Sampling Date : 24.09.2025 Sample Condition : Received in dust tight container,  
Sample Received on : 25.09.2025 Tedlar bag and Collection Bottles  
Analysis Start Date : 25.09.2025 Sampling Procedure : IS 11255 Methods  
Analysis Completion Date: 01.10.2025 Sample Registration No.: STK/09/2025/1062  
Sub Contract Test : Not Given Field ID : OLIPL/STK/24/09/2025/04

Sample Particulars : Stack attached to the DG Set 500 KVA-II

### TEST RESULT

S.No	Parameter	Method	Unit	Result	Standards
1	Stack Diameter	--	Meter	0.30	--
2	Cross Sectional Area	--	m <sup>2</sup>	0.0707	--
3	Flue Gas Temperature	IS 11255 (Part-3)	°C	122	--
4	Exit Velocity of Flue gases	IS 11255 (Part-3)	m/sec	12.3	--
5	Flow Rate	IS 11255 (Part-3)	Nm <sup>3</sup> /hr	2,234	--
6	Sampling Point Height	--	Meter	15.0	--
7	Stack Height	--	Meter	30.0	--
8	Particulate Matter	IS 11255 (Part-1)	g/kW-hr	0.116	0.2
9	Sulphur Dioxide as SO <sub>2</sub>	IS 11255 (Part-2)	mg/Nm <sup>3</sup>	26.2	--
10	Oxides of Nitrogen (NO <sub>x</sub> as NO <sub>2</sub> )	IS 11255 (Part-7)	g/kW-hr	0.461	4.0
11	Hydrocarbons	Gas Chromatograph	g/kW-hr	0.117	
12	Carbon Monoxide (CO)	Flue Gas Analyzer	g/kW-hr	0.938	3.5

The above standards are from GSR 771 (E) dated on 11.12.2013

Opinion and Interpretation: Nil

Note: i) Report pertained only to the collected sample.

ii) Test Reports shall not be reproduced except in full, without written approval of the laboratory.

### Instrument Details:

1	Instrument	Stack Monitoring Kit
2	Make	Lata Envirotech
3	Model/S.No	APM-160/41-DTF-2013
4	Calibrated On	24.11.2024
5	Calibration Due Date	23.11.2025

Checked by  
H. Srinivasulu  
Sr. Chemist

Authorized Signatory  
N.P.Viswanath  
Head - Lab

\*End of the Report\*



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Recognised by CPCB Under EP Act 1986 (MoEFCC)

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Certified Laboratory

## TEST REPORT

Report No: SEPL/OLIPL/STK/2025/1063

Format No: SEPL/GF/LAB-499

### STACK EMISSION MEASUREMENT

Name and Address of the Client:

M/s. Orch Laboratories India (P) Ltd.,  
Plot No. 51-A to J & 56F, IDA Kondapalli (V),  
Ibrahimpattanam (M), NTR District-521228  
Andhra Pradesh

Date of Report : 04.10.2025 Sample Collected by : Savant Envitech  
Sampling Date : 24.09.2025 Sample Condition : Received in dust tight container,  
Sample Received on : 25.09.2025 Tedlar bag and Collection Bottles  
Analysis Start Date : 25.09.2025 Sampling Procedure : IS 11255 Methods  
Analysis Completion Date: 01.10.2025 Sample Registration No.: STK/09/2025/1063  
Sub Contract Test : Not Given Field ID : OLIPL/STK/24/09/2025/05

Sample Particulars : Stack attached to the DG Set 250 KVA

#### TEST RESULT

S.No	Parameter	Method	Unit	Result	Standards
1	Stack Diameter	--	Meter	0.30	--
2	Cross Sectional Area	--	m <sup>2</sup>	0.0707	--
3	Flue Gas Temperature	IS 11255 (Part-3)	°C	117	--
4	Exit Velocity of Flue gases	IS 11255 (Part-3)	m/sec	12.1	--
5	Flow Rate	IS 11255 (Part-3)	Nm <sup>3</sup> /hr	2,226	--
6	Sampling Point Height	--	Meter	15.0	--
7	Stack Height	--	Meter	30.0	--
8	Particulate Matter	IS 11255 (Part-1)	g/kW-hr	0.135	0.2
9	Sulphur Dioxide as SO <sub>2</sub>	IS 11255 (Part-2)	mg/Nm <sup>3</sup>	25.5	--
10	Oxides of Nitrogen (NO <sub>x</sub> as NO <sub>2</sub> )	IS 11255 (Part-7)	g/kW-hr	0.908	4.0
11	Hydrocarbons	Gas Chromatograph	g/kW-hr	0.178	
12	Carbon Monoxide (CO)	Flue Gas Analyzer	g/kW-hr	1.024	3.5

The above standards are from GSR 771 (E) dated on 11.12.2013

Opinion and Interpretation: Nil

Note: i) Report pertained only to the collected sample.

ii) Test Reports shall not be reproduced except in full, without written approval of the laboratory.

#### Instrument Details:

1	Instrument	Stack Monitoring Kit
2	Make	Lata Envirotech
3	Model/S.No	APM-160/41-DTF-2013
4	Calibrated On	24.11.2024
5	Calibration Due Date	23.11.2025

Checked by  
H. Srinivasulu  
Sr. Chemist

Authorized Signatory  
N.P. Viswanath  
Head - Lab

\*End of the Report\*



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## TEST REPORT

Report No: SEPL/OLIPL/STK/2025/1064

Format No: SEPL/GF/LAB-499

### STACK EMISSION MEASUREMENT

Name and Address of the Client:

M/s. Orch Laboratories India (P) Ltd.,  
Plot No. 51-A to J & 56F, IDA Kondapalli (V),  
Ibrahimpattam (M), NTR District-521228  
Andhra Pradesh

Date of Report : 04.10.2025

Sample Collected by : Savant Envitech

Sampling Date : 24.09.2025

Sample Condition : Received in Collection Bottles

Sample Received on : 25.09.2025

Sampling Procedure : IS 11255 Methods

Analysis Start Date : 25.09.2025

Sample Registration No.: STK/09/2025/1064

Analysis Completion Date: 30.09.2025

Field ID : OLIPL/SCRB/24/09/2025/01

Sub Contract Test : Not Given

Sample Particulars : Stack attached to the Scrubber (Acid)

### TEST RESULT

S.No	Parameter	Method	Unit	Result	APPCB Norms
1	Stack Diameter	--	Meter	0.3	--
2	Cross Sectional Area	--	m <sup>2</sup>	0.0707	--
3	Flue Gas Temperature	IS 11255 (Part-3)	°C	37	--
4	Exit Velocity of Flue gases	IS 11255 (Part-3)	m/sec	5.5	--
5	Flow Rate	IS 11255 (Part-3)	Nm <sup>3</sup> /hr	1,281	--
6	Sulphuric Acid Mist	USEPA- Method 8	mg/Nm <sup>3</sup>	10.6	50.0
7	HCl	USEPA 26A	mg/Nm <sup>3</sup>	7.7	35.0
8	Ammonia	IS 11255 (Part-6)	mg/Nm <sup>3</sup>	<5.0	30.0
9	Chlorine	USEPA 26A	mg/Nm <sup>3</sup>	<5.0	15.0

Opinion and Interpretation: Nil

Note: i) Report pertained only to the collected sample.

ii) Test Reports shall not be reproduced except in full, without written approval of the laboratory.

### Instrument Details:

1	Instrument	Stack Monitoring Kit
2	Make	Lata Envirotech
3	Model/S.No	APM-160/133-DTB-2020
4	Calibrated On	24.11.2024
5	Calibration Due Date	23.11.2025

Checked by  
H. Srinivasulu  
Sr. Chemist

Authorized Signatory  
N.P. Viswanath  
Head - Lab

\*End of the Report\*

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## TEST REPORT

Report No: SEPL/OLIPL/STK/2025/1065

Format No: SEPL/GF/LAB-499

### STACK EMISSION MEASUREMENT

Name and Address of the Client:

M/s. Orch Laboratories India (P) Ltd.,  
Plot No. 51-A to J & 56F, IDA Kondapalli (V),  
Ibrahimpattam (M), NTR District-521228  
Andhra Pradesh

Date of Report : 04.10.2025

Sample Collected by : Savant Envitech

Sampling Date : 24.09.2025

Sample Condition : Received in Collection Bottles

Sample Received on : 25.09.2025

Sampling Procedure : IS 11255 Methods

Analysis Start Date : 25.09.2025

Sample Registration No.: STK/09/2025/1065

Analysis Completion Date: 30.09.2025

Sub Contract Test : Not Given

Field ID : OLIPL/SCRB/24/09/2025/02

Sample Particulars : Stack attached to the Scrubber (Base)

#### TEST RESULT

S.No	Parameter	Method	Unit	Result	APPCB Norms
1	Stack Diameter	--	Meter	0.3	--
2	Cross Sectional Area	--	m <sup>2</sup>	0.0707	--
3	Flue Gas Temperature	IS 11255 (Part-3)	°C	38	--
4	Exit Velocity of Flue gases	IS 11255 (Part-3)	m/sec	5.4	--
5	Flow Rate	IS 11255 (Part-3)	Nm <sup>3</sup> /hr	1,238	--
6	Sulphuric Acid Mist	USEPA -Method 8	mg/Nm <sup>3</sup>	9.1	50.0
7	HCl	USEPA 26A	mg/Nm <sup>3</sup>	<5.0	35.0
8	Ammonia	IS 11255 (Part-6)	mg/Nm <sup>3</sup>	6.8	30.0
9	Chlorine	USEPA 26A	mg/Nm <sup>3</sup>	<5.0	15.0

Opinion and Interpretation: Nil

Note: i) Report pertained only to the collected sample.

ii) Test Reports shall not be reproduced except in full, without written approval of the laboratory.

#### Instrument Details:

1	Instrument	Stack Monitoring Kit
2	Make	Lata Envirotech
3	Model/S.No	APM-160/41-DTF-2013
4	Calibrated On	24.11.2024
5	Calibration Due Date	23.11.2025

Checked by  
H. Srinivasulu  
Sr. Chemist

Authorized Signatory  
N.P. Viswanath  
Head - Lab

\*End of the Report\*



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TEST REPORT

Report No: SEPL/OLIPL/VOC/2025/0069

Format No: SEPL/GF/LAB-469

## VOC MONITORING

Name and Address of the Client:

M/s. Orch Laboratories India (P) Ltd.,  
Plot No. 51-A to J & 56F, IDA Kondapalli (V),  
Ibrahimpattam (M), NTR District-521228  
Andhra Pradesh

Date of Report : 04.10.2025

Date of Monitoring : 24.09.2025

Sample Registration No's : VOC/09/2025/0132 to VOC/09/2025/0134

Sample Drawn by : Savant Envitech

Sub Contract Test : Not Given

### Locations:

- |                            |                    |                           |
|----------------------------|--------------------|---------------------------|
| 1) Near Security Main Gate | : VOC/09/2025/0132 | : OLIPL/VOC/24/09/2025/01 |
| 2) Near Production Block   | : VOC/09/2025/0133 | : OLIPL/VOC/24/09/2025/02 |
| 3) Near Boiler             | : VOC/09/2025/0134 | : OLIPL/VOC/24/09/2025/03 |

### TEST RESULT

S.No	Location	Parameter	Method	Result (ppm)
1	Near Security Main Gate	Total VOC	Photo Ionization Detector	<1.0
2	Near Production Block	Total VOC	Photo Ionization Detector	2.0
3	Near Boiler	Total VOC	Photo Ionization Detector	<1.0

Opinion and Interpretation: Nil

Note: i) Test Reports shall not be reproduced except in full, without written approval of the laboratory.

### Instrument Details:

1	Instrument	VOC Analyzer
2	Make	Honeywell
3	Model/Sl.No	Multi RAE Lite/M01C024707
4	Calibrated On	01.04.2025
5	Calibration Due Date	30.09.2025

Checked by  
H. Srinivasulu  
Sr. Chemist

Authorized Signatory  
N.P. Viswanath  
Head - Lab



\*End of the Report\*

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# Savant Envitech Private Limited

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**SAVANT**

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Certified Laboratory

## TEST REPORT



TC-13485

Report No: SEPL/OLIPL/W/2025/1336/A  
ULR No : TC1348525000003268F

Format No: SEPL/GF/LAB-404

## WATER ANALYSIS

Name and Address of the Client:

M/s. Orch Laboratories India (P) Ltd.,  
Plot No. 51-A to J & 56F, IDA Kondapalli (V),  
Ibrahimpattanam (M), NTR District-521228  
Andhra Pradesh

Date of Report	: 04.10.2025	Sample Collected by	: Savant Envitech
Sampling Date	: 24.09.2025	Sample Condition	: Received in Plastic Can
Sample Received on	: 25.09.2025	Sampling Procedure	: SEPL/STP/Sampling/C/Lab-203
Analysis Start Date	: 25.09.2025	Sample Registration No's	: W/09/2025/0454
Analysis Completion Date	: 03.10.2025	Sample Description	: Borewell Water
Sub Contract Test	: Not Given	Sample Quantity	: 2 Lts.,

1. W/09/2025/0454: Borewell Water

## TEST RESULT

Sample is analyzed "as received basis"

S.No	Parameter	Method	Unit	Result
1	pH @25.1°C	APHA : 4500 H <sup>+</sup> B	--	6.76
2	Color	APHA : 2120 B	CU	<5.0
3	Electrical Conductivity @25°C	APHA : 2510 B	µS/Cm	3525
4	Total Dissolved Solids @180°C	APHA : 2540 C	mg/L	2207
5	Total Alkalinity as CaCO <sub>3</sub>	APHA : 2320 B	mg/L	670.0
6	Total Hardness as CaCO <sub>3</sub>	APHA : 2340 C	mg/L	1125.0
7	Calcium as Ca	APHA : 3500 Ca B	mg/L	110.22
8	Magnesium as Mg	APHA : 3500 Mg B	mg/L	206.55
9	Sulphates as SO <sub>4</sub> <sup>-2</sup>	APHA : 4500 SO <sub>4</sub> <sup>-2</sup> E	mg/L	274.0
10	Chloride as Cl <sup>-</sup>	APHA : 4500 Cl <sup>-</sup> B	mg/L	619.81

Opinion and interpretation: Nil

Method Follows: APHA 24<sup>th</sup> Edition; 2023

Note: 1. Reports pertained only to the collected sample.

2. Test reports shall not be reproduced except in full, without written approval of the laboratory.

Checked by  
H. Srinivasulu  
Sr. Chemist

Authorized Signatory  
N.P. Viswanath  
Head - Lab



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# Savant Envitech Private Limited

Recognised by CPCB Under EP Act 1986 (MoEFCC)  
Accredited by ISO / IEC 17025 : 2017 by NABL



## TEST REPORT

Report No: SEPL/OLIPL/W/2025/1336/A  
ULR No : TC1348525000003268F

Format No: SEPL/GF/LAB-404

### TEST RESULT

S.No	Parameter	Method	Unit	Result
11	Fluorides as F <sup>-</sup>	APHA : 4500 F <sup>-</sup> D	mg/L	1.18
12	Nitrate Nitrogen as NO <sub>3</sub>	APHA : 4500 NO <sub>3</sub> <sup>-</sup> B	mg/L	16.35
13	Sodium as Na	APHA : 3500 Na B	mg/L	312.0
14	Potassium as K	APHA : 3500 K B	mg/L	2.35
15	Phosphorus as P	APHA : 4500 P C	mg/L	<0.5
16	Aluminum as Al	APHA : 3500 Al B	mg/L	<0.01
17	Boron as B	APHA : 4500 B B	mg/L	<0.1
18	Iron as Fe	APHA : 3500 Fe B	mg/L	<0.1
19	Copper as Cu	APHA : 3111 B	mg/L	<0.05
20	Total Chromium as Cr	APHA : 3111 B	mg/L	<0.05
21	Zinc as Zn	APHA : 3111 B	mg/L	<0.2
22	Nickel as Ni	APHA : 3111 B	mg/L	<0.02
23	Residual Chlorine	APHA : 4500 Cl B	mg/L	<1.0

Opinion and interpretation: Nil

Method Follows: APHA 24<sup>th</sup> Edition; 2023

Note: 1. Reports pertained only to the collected sample.

2. Test reports shall not be reproduced except in full, without written approval of the laboratory.

Checked by  
H. Srinivasulu  
Sr. Chemist

Authorized Signatory  
N.P. Viswanath  
Head - Lab

\*End of the Report\*



# Savant Envitech Private Limited

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Certified Laboratory

## TEST REPORT

Report No: SEPL/OLIPL/W/2025/1336/B

Format No: SEPL/GF/LAB-404

### WATER ANALYSIS

Name and Address of the Client:

M/s. Orch Laboratories India (P) Ltd.,  
Plot No. 51-A to J & 56F, IDA Kondapalli (V),  
Ibrahimpattanam (M), NTR District-521228  
Andhra Pradesh

Date of Report : 04.10.2025  
Sampling Date : 24.09.2025  
Sample Received on : 25.09.2025  
Analysis Start Date : 25.09.2025  
Analysis Completion Date : 03.10.2025  
Sub Contract Test : Not Given

Sample Collected by : Savant Envitech  
Sample Condition : Received in Plastic Can  
Sampling Procedure : SEPL/STP/Sampling/C/Lab-203  
Sample Registration No's: W/09/2025/0454  
Sample Description : Borewell Water  
Sample Quantity : 2 Lts.,

1. W/09/2025/0454: Borewell Water

### TEST RESULT

Sample is analyzed "as received basis"

S.No	Parameter	Method	Unit	Result
1	Odour	IS : 3025 (Part-5)	--	Agreeable
2	Lead as Pb	APHA : 3111 B	mg/L	<0.01
3	Manganese as Mn	APHA : 3500 Mn B	mg/L	<0.05
4	Cadmium as Cd	APHA : 3111 B	mg/L	<0.003

Opinion and interpretation: Nil

Method Follows: APHA 24<sup>th</sup> Edition; 2023

Note: 1. Reports pertained only to the collected sample.

2. Test reports shall not be reproduced except in full, without written approval of the laboratory.

3. Continual Parameters for Test Report No: SEPL/OLIPL/W/2025/1336/A

Checked by  
H. Srinivasulu  
Sr. Chemist

Authorized Signatory  
N.P. Viswanath  
Head - Lab

\*End of the Report\*



**SAVANT**

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# Savant Envitech Private Limited

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Accredited by ISO / IEC 17025 : 2017 by NABL



**TEST REPORT**

TC-13485

Report No: SEPL/OLIPL/WW/2025/1337  
ULR No : TC1348525000003269F

Format No : SEPL/GF/LAB-404

## WASTE WATER ANALYSIS

Name and Address of the Client:

M/s. Orch Laboratories India (P) Ltd.,  
Plot No. 51-A to J & 56F, IDA Kondapalli (V),  
Ibrahimpattanam (M), NTR District-521228  
Andhra Pradesh

Date of Report : 04.10.2025 Sample Collected by : Savant Envitech  
Sampling Date : 24.09.2025 Sample Condition : Received in Plastic Can & Glass bottle  
Sample Received on : 25.09.2025 Sampling Procedure : SEPL/STP/Sampling/C/Lab-203  
Analysis Start Date : 25.09.2025 Sample Registration No's: WW/09/2025/0864  
Analysis Completion Date : 03.10.2025 Sample Description : HTDS Effluent  
Sub Contract Test : Not Given Sample Quantity : 2 Lts.,

1. WW/09/2025/0864: HTDS Effluent

### TEST RESULT

Sample is analyzed "as received basis"

S.No	Parameter	Method	Unit	Result
1	pH @25.3°C	APHA : 4500 H <sup>+</sup> B	--	6.58
2	Total Dissolved Solids @180°C	APHA : 2540 C	mg/L	72,170
3	Chemical Oxygen Demand	APHA : 5220 B	mg/L	58,800
4	Biochemical Oxygen Demand (3day's at 27°C)	IS 3025 (Part 44) : 2023	mg/L	24,000
5	Oil and Grease	APHA : 5520 B	mg/L	17.2
6	Ammonical Nitrogen (Ammonia) as N	APHA : 4500 NH <sub>3</sub> B, C	mg/L	368.2

Opinion and interpretation: Nil

Method Follows: APHA 24<sup>th</sup> Edition; 2023

Note: 1. Reports pertained only to the collected sample.

2. Test reports shall not be reproduced except in full, without written approval of the laboratory.

Checked by  
H. Srinivasulu  
Sr. Chemist

Authorized Signatory  
N.P. Viswanath  
Head - Lab

**\*End of the Report\***

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# Savant Envitech Private Limited

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**SAVANT**

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**TEST REPORT**

Report No: SEPL/OLIPL/WW/2025/1338  
ULR No : TC1348525000003270F

Format No : SEPL/GF/LAB-404

TC-13485

## WASTE WATER ANALYSIS

Name and Address of the Client:

M/s. Orch Laboratories India (P) Ltd.,  
Plot No. 51-A to J & 56F, IDA Kondapalli (V),  
Ibrahimpatnam (M), NTR District-521228  
Andhra Pradesh

Date of Report	: 04.10.2025	Sample Collected by	: Savant Envitech
Sampling Date	: 24.09.2025	Sample Condition	: Received in Plastic Can & Glass Bottle
Sample Received on	: 25.09.2025	Sampling Procedure	: SEPL/STP/Sampling/C/Lab-203
Analysis Start Date	: 25.09.2025	Sample Registration No's	: WW/09/2025/0865
Analysis Completion Date	: 03.10.2025	Sample Description	: LTDS Effluent
Sub Contract Test	: Not Given	Sample Quantity	: 2 Lts.,

1. WW/09/2025/0865: LTDS Effluent

### TEST RESULT

Sample is analyzed "as received basis"

S.No	Parameter	Method	Unit	Result	Standard Limits- APPCB
1	pH @25.4°C	APHA : 4500 H <sup>+</sup> B	--	8.22	5.5 - 9.0
2	Total Suspended Solids @103-105°C	APHA : 2540 D	mg/L	68	-
3	Total Dissolved Solids @180°C	APHA : 2540 C	mg/L	2,230	5000
4	Chemical Oxygen Demand	APHA : 5220 B	mg/L	3,760	5000
5	Biochemical Oxygen Demand (3day's at 27°C)	IS 3025 (Part 44) : 2023	mg/L	1,261	-
6	Oil and Grease	APHA : 5520 B	mg/L	7.4	-
7	Ammonical Nitrogen (Ammonia) as N	APHA : 4500 NH <sub>3</sub> B, C	mg/L	16.8	50.0

Opinion and interpretation: Nil

Method Follows: APHA 24<sup>th</sup> Edition; 2023

Note: 1. Reports pertained only to the collected sample.

2. Test reports shall not be reproduced except in full, without written approval of the laboratory.

Checked by  
H. Srinivasulu  
Sr. Chemist

Authorized Signatory  
N.P. Viswanath  
Head - Lab

**\*End of the Report\***

Page 1 of 1



**ORCH**  
LABORATORIES INDIA PVT. LTD.

# 4th Floor, Gokul's Plaza, Opp. Karur Vysya Bank,  
Nizampet, Hyderabad - 500 090, Telangana, India.  
Ph No : 040 2389 9403

CIN No.: U24232TG2011PTC075299

ORCH LABORATORIES INDIA PRIVATE LIMITED  
IDA, KONDAPALLI

**Green belt development summary**

	Area in Sq.Mts	Location
APIIC-IALA letter dated 30/06/2015	4487	Adjacent to CETP
APIIC-IALA letter dated 31/05/2018	1050	
<b>Total</b>	<b>5537</b>	
APIIC-IALA letter dated 12/07/2021	2708.4	Adjacent to proposed warehouse plot
APIIC-IALA letter dated 12/07/2021	8800	Approximately 500Mts distance from our factory
<b>Total green belt area in Sq.Mtrs</b>	<b>17045.4</b>	
<b>Total green belt area in acres</b>	<b>4.21 Acres</b>	
<b>Total factory extent</b>	<b>1.91 Acres</b>	
As per MoEF&CC norms we have to develop 33% green belt of total factory extent i.e., 33% on 1.91 acres	<b>0.63 acres</b>	

But we were already in development of total **4.21 acres of green belt area** against **0.63 acres** which was approximately **7 times more** than the actual norms applicable to our factory extent.

For ORCH LABORATORIES INDIA (P). LTD.

  
Authorized Signatory.



Factory: Plot No. 51A,B,C,D,E,F,G&H, IDA Kondapally, Ibrahimpatnam (M),  
Krishna (Dist). 521228, A.P., India. Ph: 0866-2971112



**KONDAPALLI NOTIFIED GRAM PANCHAYATH INDUSTRIAL AREA SERVICE SOCIETY, (Regd.No.128/98) E-Mail: [kngplass@gmail.com](mailto:kngplass@gmail.com)**

**APIIC-IALA, JDP, KONDAPALLI - 521 228**

Chairman  
M.V.Ramalingeswara Rao  
9889086755

Vice Chairman & E O  
C. Nagarjuna Rao  
9948392432

Secretary  
B. Rama Subba Rao  
9290486092

Jt. Secretary  
M.Nagaswara Rao  
9848370002

Treasurer  
B. Krishna Reddy  
9866154074

To  
M/s. Orch Laboratories India Pvt Ltd.,  
Plot Nos: 51A&D  
Industrial Development Park,  
Kondapalli - 521 228.

Dt: 31-05-2018

Sub: Permission for maintenance of Green belt in open area - Reg.  
Ref: Your Letter Dated: 19-05-2018.

☺☺☺☺  
We are pleased to permit you for maintenance of Greenery in open Area with an area of approximately 1050 Sq. Mtrs bounded by

- East : NORTH SIDE OPEN SPACE GREEN BELT BESIDE CETP (15MTS)
- West : RAILWAY TRACK OPEN SPACE (15MTS)
- North : OPEN SPACE (70MTS)
- South : OLD GREEN BELT MAINTAINED BY YOU(70MTS)

With the following Terms and Conditions.

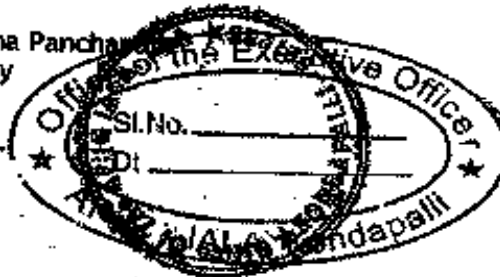
1. You should plant approximately 350 Nos Trees like Ganuga, Neredu, Neem, Erra Turai & Patcha Turai etc.,
2. You have to develop the land within one month.
3. You should fence the total area with barbed wire.
4. You have no right on the land except maintenance of greenery.
5. You should not construct any temporary or permanent structures.
6. The Permission can be withdrawn at any point of time if required with a short notice.
7. You should display the name board as follows in the permitted Site.

**NAME BOARD**

Property belongs to APIIC - IALA  
Greenbelt Maintained by  
M/s. Orch Laboratories India Pvt. Ltd.in association with APIIC - IALA.

Yours faithfully,  
For Kondapalli Notified Grama Panchayat  
Industrial Service Society

*M. V. Ramalingeswara Rao*  
M. V. Ramalingeswara Rao  
Chairman





**KONDAPALLI NOTIFIED GRAMA PANCHAYATH INDUSTRIAL AREA SERVICE SOCIETY**

**(Regd.No.128/98)**

**APIIC-IALA, IDP, KONDAPALLI - 521 228**

Email: [kngklass@gmail.com](mailto:kngklass@gmail.com)

Chairman  
M.V.RamaIngeswaraRao  
9989086755

Executive Officer  
A. SambashaRao  
9948082310

Secretary  
B.Krishna Reddy  
9866154074

Jt. Secretary  
Ch. VenkateswaraRao  
92475575429

Treasurer  
K. Vijaya Babu  
7702606655

Date: 12-07-2021.

To  
The Managing Director,  
M/s. Orch Laboratories India Pvt Ltd.,  
Industrial Development Park,  
Kondapalli-521228.

Sub: Permission for the maintenance of Green Belt in open space area - Regarding  
**8&8&8**

We are pleased to permit you for maintenance of Greenery in open space area with an area of approximately 2708.4 Square mtrs (.56) bounded by **(61 x 44.4 Mtrs)**.

EAST: PLOT NO.56 F E D  
WEST: 12 MTRS WIDE ROAD  
NORTH: PLOT NO.56-B  
SOUTH: 18 MTRS ROAD

With the following terms and conditions

1. You should plant approximately 301 nos trees like Ganugh, Neredu, Neem, YerraTural, Patchatural, Dubai Trees etc.,
2. You have to develop the land within one month
3. You should fence the total area with barbed wire
4. You have no right on the land except maintenance of Greenery.
5. You should not construct any temporary or permanent structures
6. The permission can be withdrawn at any point of time if required with a short notice.
7. You should display the name board as follows in the permitted site.

**NAME BOARD**

PROPERTY BELONGS TO APIIC - IALA  
GREEN BELT MAINTAINED BY  
ORCH LABORATORIES INDIA PVT LTD.,

For Kondapalli Notified Grampanchayat  
Industrial Area Service Society

*M.V.RamaIngeswaraRao*  
(M.V.RamaIngeswaraRao)  
Chairman.



o/c



**KONDAPALLI NOTIFIED GRAMA PANCHAYATH INDUSTRIAL AREA SERVICE SOCIETY**

**(Regd.No.128/98)**

**APIIC-IALA, IDP, KONDAPALLI - 521 228**

Email: [kngpiass@gmail.com](mailto:kngpiass@gmail.com)

Chairman  
M.V.RamalingeswaraRao  
9889066755

Executive Officer  
A. SambasivaRao  
9948082310

Secretary  
B.Krishna Reddy  
9866154074

Jt. Secretary  
Ch. VenakteswaraRao  
92475575429

Treasurer  
K. Vijaya Babu  
7702606655

Date: 12-07-2021.

To  
The Managing Director,  
M/s. Orch Laboratories India Pvt Ltd.,  
Industrial Development Park,  
Kondapalli-521228.

Sub: Permission for the maintenance of Green Belt in open space area - Regarding.

**§§§§§**

We are placed to permit you for maintenance of Greenery in open space area with an area of approximately 8800 Square mtrs (2.17) bounded by.

EAST: NIFTY LABS PVT LTD.,  
WEST: INCHEM LABORATORIES GREEN BELT  
NORTH: THOMANDRU VAGU  
SOUTH: 18 MTRS ROAD

With the following terms and conditions.

1. You should plant approximately 977 nos trees like Ganuga, Neradu, Neem, Yerraturai, Patchaturai, Dubai Trees etc.,
2. You have to develop the land with in one month
3. You should fence the total area with barbed wire
4. You have no right on the land except maintenance of Greenery.
5. You should not construct any temporary or permanent structures
6. The permission can be withdrawn at any point of time if required with a short notice.
7. You should display the name board as follows in the permitted site.

**NAME BOARD**

PROPERTY BELONGS TO APIIC - IALA  
GREEN BELT MAINTAINED BY  
ORCH LABORATORIES INDIA PVT LTD.,

For Kondapalli Notified Grama Panchayath  
Industrial Area Service Society.

*M.V. Ramalingeswara Rao*  
(M.V. Ramalingeswara Rao)  
Chairman.





**KONDAPALLI NOTIFIED GRAM PANCHAYATH INDUSTRIAL AREA SERVICE SOCIETY, (Regd. No. 128/98) E-Mail: knepiass@gmail.com**

**APHC-IALA, IDP, KONDAPALLI - 521 228**

Chairman  
M. V. Anandalingam Rao  
9848370022

Vice Chairman & E.O.  
C. Nagendra Rao  
9848372632

Secretary  
A. Rama Subba Rao  
9280488092

Jt. Secretary  
M. Nagaswara Rao  
9848370022

Treasurer  
S. Krishna Reddy  
9856294074

To  
M/s. Orch Laboratories India Pvt. Ltd.,  
Plot Nos: 51A&D  
Industrial Development Park,  
Kondapalli - 521 228.

Date: 30-06-2015

Sub: Permission for maintenance of Green belt in open area - Reg.  
Ref: Your Letter Dated: 27-05-2015.

\*\*\*\*\*

We are pleased to permit you for maintenance of Greenery in open Area with an area of approximately 4887 Sq. Mtrs bounded by

East : CETP(62MTS) BKPL GREEN BELT (18MTS)  
West : RAILWAY TRACK OPEN SPACE (100MTS)  
North : OPEN SPACE (41MTS)  
South : RAILWAY SUBSTATION(41x21.5)

With the following Terms and Conditions.

1. You should plant approximately 500 Nos Trees like Ganuga, Neredu, Neem, Erra Tural & Pochai Tural etc.,
2. You have to develop the land within one month.
3. You should fence the total area with barbed wire.
4. You have no right on the land except maintenance of greenery.
5. The Permission can be withdrawn at any point of time if required with a short notice.
6. You should display the name board as follows in the permitted Site.

**NAME BOARD**

Property belongs to APHC - IALA  
Greenbelt Maintained by  
M/s. Orch Laboratories India Pvt. Ltd. in association with APHC - IALA.

Your faithfully,  
For Kondapalli Notified Grama Panchayath  
Industrial Service Society  
  
M. Anandalingam Rao  
Chairman

Encl: Site plan

GOVERNMENT OF ANDHRA PRADESH  
GROUND WATER AND WATER AUDIT DEPARTMENT

From:  
Sri A.Varaprasada Rao,  
M.Sc. M.Sc., [Tech],  
Director [FAC],  
Ground Water and Water Audit Department,  
Vysya Bhavan, Namboori vari Veedhi,  
Hanumanpet, Near Railway Station,  
Besides Government Hospital,  
Vijayawada-520 003.  
E-Mail:director\_apsgwd@rediffmail.com.

To:  
The Managing Director,  
M/s Orch Laboratories India  
Pvt, Ltd.,  
G.Konduru Village,  
G.Konduru Mandl,  
Krishna District.

**Letter No:3154 /Hg-II/2018**

**Dated:18.02.2021**

**Sir,**

Sub:- Andhra Pradesh Ground Water and Water Audit Department –Single Desk Policy  
- M/s Orch Laboratories India Pvt.Ltd, G. Konduru Village, G Konduru Mandal,  
Krishna District – Approval report Communicating - Regarding.

Ref:- 1.Online application ID:CAE2003533, dated:28.01.2021  
2.Lr.No.347/Hg/SW/2020-21, Dated:17.02.2021 of Deputy Director, Ground  
Water and Water Audit Department, Krishna District.  
3.This office Memo.No.3154/Hg-II/2018, dated:17.02.2021.  
4.Lr.No.347/Hg/SW/2020-21, dated:18.02.2021 of Deputy Director, Ground  
Water and Water Audit Department, Krishna District.

**@@@**

Your attention is invited to the above subject and references cited.

The Report submitted by the Deputy Director, Ground Water and Water Audit  
Department, Krishna district vide reference 2<sup>nd</sup> cited is hereby approved.

The firm is permitted to pumpout of 100 KLD Ground water from existing Two (2)  
Borewells with 8 to 10 hour pumping per day duly following the terms and conditions  
mentioned in the report.

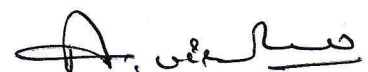
**Encl:Report**

**Yours faithfully,  
Sd/-A.Varaprasada Rao  
DIRECTOR.**

Copy submitted to Commissioner PR &RD, and Administrator, APWALTA Vijayawada,  
for information

Copy to Deputy Director, Ground Water and Water Audit Department, Krishna for information  
and communicate the same with approved report to concerned G.Konduru Mandal WALTA  
Authority (Tahsildar)

///true copy///



For DIRECTOR

H





**ANDHRA PRADESH POLLUTION CONTROL BOARD**  
D. No. 33-26-14 D/2, Near Sunrise Hospital, Pushpa Hotel Centre,  
Chalamalavari Street, Kasturibaipet, Vijayawada - 520 010  
Website: www.pcb.ap.gov.in

**CONSENT ORDER FOR ESTABLISHMENT**

**Order No.363/APPCB/CFE/RO-VJA/HO/2015**

**03/08/2022**

Sub:APPCB – CFE - **M/s. Orch Laboratories India (P) Ltd., Plot No. 51-A to J & 56-F, IDA, Kondapalli (V), Ibrahimpatnam(M), Krishna District** - Consent for Establishment (CFE) Expansion of the Board under Sec.25 of Water (P & C of P) Act, 1974 and Under Sec.21 of Air (P & C of P) Act, 1981 - Issued - Reg.

- Ref: 1. Industry's CFE(exp) application received through Single Desk Portal on 20.05.2022.  
2. R.O's inspection report dt.08.06.2022.  
3. T.O. Ir. dt.17.06.2022.  
4. CFE Committee meeting held on 28.06.2022.  
5. Industry's Ir. dt.01.07.2022.

1. **M/s. Orch Laboratories India (P) Ltd.**, vide reference 1st cited, submitted an application to the Board seeking Consent for Establishment (CFE) Expansion to produce the following products with installed capacities as mentioned below, with an additional investment of Rs.9.0 Crores.

S. No.	Name of the products	Qty as per CFO order dt.14.08.2020 (Kg/day)	Qty as per EC dt.14.04.2022 (MT/month)	Qty as per CFE (Exp) application	
				(Kg/mont h)	(Kg/day )
<b>Group-A</b>					
1.	(1-Benzyl-4-Tert-Butoxycarbonylamino-2-Hydroxy-5 Phenyl-Pentyl)-Carbamic Acid Thiazol-5-Ylmethyl Ester (Ritonavir Intermediate)	266.67	8.0	8000	266.67
2.	(S)-2-(3-(2-Isopropylthiazol-4-Yl)Methyl)-3- Methylurei do)-3-Methylbutanoic Acid (Ritonavir Intermediate)	150.00	4.50	4500	150.00
3.	6-Chloro-2-Hexanone	100.00	3.0	3000	100.00
4.	Abacavir Sulphate	100.00	3.0	3000	100.00
5.	Carbonic Acid,4-Nitrophenyl-5-Thiazolyl Methyl Ester	133.33	4.0	4000	133.33
6.	Lamivudine	883.33	26.50	26500	883.33
7.	Ritonavir	400.00	12.0	12000	400.00

8.	Favipiravir	--	10.0	10000	333.33
	<b>Total</b>	<b>2833.33*</b>	<b>71.0</b>	<b>71000.00</b>	<b>2366.67</b>

**Group-B**

1.	FCE(2R,5S)-5-(4-Amino-5-fluoro-2-oxo-2H-pyrimidin-1-yl)-[1,3]-oxathiolane-2-carboxylic acid,2S-Isoprpyl-5R-Methyl-1R- Cyclohexyl ester	2833.33	89.0	89000.00	2966.67
2.	CHE-3 (5-(4-Amino-2-oxo-2HPyrimidinyl-[1,3]-oxathiolane -2-carboxylic acid-2-isopropyl-5-methyl cyclo hexyl ester)	2833.33	89.0	89000.00	2966.67
	<b>Total</b>	<b>2833.33*</b>	<b>89.0</b>	<b>89000.00</b>	<b>2966.67</b>

**Group-C**

1.	L-Menthyl Glyoxylate	--	40.0	40000.00	1333.33
	<b>Total</b>	--	40.0	40000.00	1333.33
	<b>(Group-B + Group-C)</b>	--	129.0	129000.00	4300.00
	<b>Total (Group-A or [Group-B + Group-C]) at any point of time</b>	--	129.0	129000.00	4300.00

**By-Products**

S. No.	Name of the products	Name of the By-Product	Qty as per EC order dt.14.04.2022 (Kg/day)	Qty as per CFE (Exp) application (Kg/day)
1	Favipiravir	Phosphoric acid	326.70	326.70
		Potassium chloride	427.30	427.30
2	Lamivudine	L-Menthol	614.40	614.40
		Hydrochloric acid-(10%)	1463.0	1463.0
3	(2R, 5S)-5-(4-Amino-5-Fluoro-2-Oxo-2H-Pyrimidin -1-yl)-[1, 3]Oxathiolane-2-Carboxylic Acid, 2S-Isopropyl-5RMethyl-1R-Cyclohexyl Ester (FCE)	Hydrochloric acid-(10%)	2764.90	2764.90
4	5-(4-Amino-2-oxo-2H-Pyrimidinyl-[1, 3] Oxathiolane-2-carboxylic acid-2-Isopropyl-5-methyl cyclo hexyl Ester (CHE-3)	Hydrochloric acid-(10%)	2965.20	2965.20

2. As per the application, the above activity is to be located at **Plot No. 51-A to J & 56-F, IDA, Kondapalli (V), Ibrahimpatnam(M), Krishna District** in an area of 2.09 Acres

3. The above site was inspected by the Environmental Engineer, Regional Office, Vijayawada, A.P Pollution Control Board on 28.05.2022 and observed that the site is surrounded by

**North** : Vacant industrial plots and Industries  
**South** : IDA Internal Road.  
**East** : IDA Internal Road.  
**West** : Vacant industrial plots and Industries

4. The Board, after careful scrutiny of the application, verification report of Regional Officer and recommendations of the CFE Committee, hereby issues **CONSENT FOR ESTABLISHMENT FOR EXPANSION** to the project under Section 25 of Water (Prevention & Control of Pollution) Act 1974 and Section 21 of Air (Prevention & Control of Pollution) Act, 1981 and the rules made there under. **This order is issued to manufacture the products as mentioned at para (1) only.**

5. This Consent order issued is subject to the conditions mentioned in the Annexure.

6. This order is issued from pollution control point of view only. Zoning and other regulations are not considered.

7. **This order is valid for a period of 7 years from the date of issue.**

Encl: Annexure

**VIJAY KUMAR GSRKR IAS, MEMBER  
SECY(GSRKRVK), O/o MEMBER  
SECRETARY-APPCB**

**MEMBER SECRETARY**

**To**

**M/s. Orch Laboratories India (P) Ltd., (Exp)  
Plot No. 51-A to J & 56-F, IDA,  
Kondapalli (V), Ibrahimpatnam(M),  
Krishna District  
Email: ebrao@orchlabs.com**

Copy to: 1. The JCEE, Z.O: Vijayawada for information and necessary action.  
2. The EE, R.O: Vijayawada for information and necessary action.

**ANNEXURE**

1. The proponent shall obtain Consent for Operation (CFO) from APPCB, as required Under Sec.25/26 of the Water (P&C of P) Act, 1974 and under sec. 21/22 of the Air (P&C of P) Act, 1981, before commencement of the trial runs.
2. The applicant shall provide separate energy meters for Effluent Treatment Plant (ETP) and Air pollution Control equipments to record energy consumed. An alternative electric power source sufficient to operate all pollution control systems shall be provided.
3. The industry shall construct separate storm water drains. No effluents shall be discharged in to the storm water drains.

**Water:**

4. The source of water is IDA, Water supply and Borewell and the maximum permitted water consumption is as following:

S. No.	Purpose	Qty as per EC dt.14.04.2022 (KLD)	Qty after CFE Expansion (KLD)
1.	Process	49.00	49.00
2.	Washings	5.00	5.00
3.	Boiler make up	52.50	52.50
4.	Cooling towers make up	193.00	193.00
5.	Scrubbing system	3.00	3.00
6.	Domestic	4.00	4.00
7.	Gardening	25.50	25.50
	<b>Total :</b>	<b>332.00 KLD</b>	<b>332.00 KLD</b>

Separate meters with necessary pipe-line shall be provided for assessing the quantity of water used for each of the purposes mentioned above.

5. The maximum waste water generation shall not exceed the following:

S. No.	Source	Qty as per EC dt.14.04.2022 (KLD)	Qty after CFE Expansion (KLD)		
			HTDS	LTDS	Total
1.	Process	51.73	47.95	3.78	51.73
2.	Washings	5.00	0.00	5.00	5.00
3.	Boiler Blow down	7.50	0.00	7.50	7.50
4.	Cooling towers Bleed off	19.50	0.00	19.50	19.50
5.	Scrubbing system	3.00	3.00	0.00	3.00
6.	Domestic	3.50	0.00	3.50	3.50
	<b>Total :</b>	<b>90.23</b>	<b>50.95</b>	<b>39.28</b>	<b>90.23</b>

**Treatment & disposal:**

Source	Treatment	Mode of final disposal
HTDS	Pretreatment (Neutralization)	To CETP, Kondapalli for further treatment
LTDS	Pretreatment (Neutralization)	To CETP, Kondapalli for further treatment and disposal

Domestic waste water	---	The overflow of the Septic tank shall be sent to the CETP for further treatment.
----------------------	-----	--

(Or)

S. No.	Effluent Description	Treatment	Disposal
1	HTDS - Process washings & Scrubber effluent etc.	Stripper (90KLD), Multiple Effect Evaporator (MEE) (90 KLD), Agitated Thin Film Dryer (ATFD) (25KLD), Biological treatment for condensate (100 KLD) and RO system (100 KLD).	<ul style="list-style-type: none"> <li>• Shall be stripped off for organics recovery.</li> <li>• Stripper condensate to distillate for separation of organic compounds followed by disposal to cement plants for co-processing &amp; distilled effluents shall be recycled.</li> <li>• Stripped effluents to forced evaporation in MEE followed by ATFD.</li> <li>• Condensate from MEE &amp; ATFD shall be recycled after treatment in ETP along with other LTDS effluents.</li> <li>• ATFD salts to TSDF.</li> </ul>
2	LTDS - Boiler Blow down, Cooling Tower blow down	Biological treatment, consists of Bar screen chamber, Oil & Grease Trap, Equalization tank, Neutralization tank, aeration tank, clarifier, Holding tank, pressure sand filter, activated carbon filter, RO-1& 2 etc.	<ul style="list-style-type: none"> <li>• The low TDS effluents and condensate from MEE and ATFD shall be treated in ETP.</li> <li>• The treated effluent from the ETP shall be further treated in RO plant.</li> <li>• The RO permeate shall be reused and RO rejects shall be sent to MEE.</li> </ul>
3	Domestic effluent	-	The overflow of the septic tank shall be sent to the ETP for further treatment.

6. The ZLD system consisting of stripper, MEE, ATFD system with condenser and Biological ETP, RO plant shall be installed and commissioned. All the units of the ZLD system shall be impervious to prevent ground water pollution. The units of ZLD system shall be constructed above the ground level.

Effluents shall not be discharged on land or into any water bodies or aquifers under any circumstances.

7. The industry shall provide digital flow meters with totalisers at the inlet and outlet of Stripper, MEE, ETP and RO.
8. The industry shall install online real time monitoring system along with web camera facilities as per the directions of CPCB. The industry shall connect them to APPCB / CPCB websites as per CPCB directions.

(OR)

The industry shall install online effluent quality monitoring system at the outlet of ETP for measurement of pH, BOD, COD, TSS, Cr and As. The industry shall connect the online system to APPCB / CPCB websites and shall ensure that it should be properly maintained and operated with tamper proof mechanism having facilities for online calibration as per CPCB directions.

9. Floor washing shall be admitted into the effluent collection system only and shall not be allowed to find their way in storm drains or open areas. All pipe valves, sewers, drains shall be leak proof.
10. The LTDS and HTDS effluents shall be stored in above ground level collection tanks separately.
11. The industry shall provide tank in tank system for effluent collection at production blocks. Free board shall be maintained in the tanks to prevent spillages.
12. The industry shall construct rain water runoff tank for collection and storage of first flush storm water. The industry shall maintain dry condition outside drains in un-rainy season.

**Air:**

13. The 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	Stack 1	Stack 2 (new)	Stacks 3,4	Stack 5 (new)
a)	Attached to	Coal fired boiler	Coal fired boiler	D.G. Sets	D.G. Set
b)	Capacity	1 x 4.0 TPH	1 x 5.0 TPH	2 x 500 KVA	1 x 500 KVA
c)	Fuel	Coal	Coal	HSD	HSD
d)	Stack height	30 m	30 m	Min 4.5m each above roof	Min 4.5m above roof
e)	Control Equipment:	Cyclone separator followed by Bag filters	Cyclone separator followed by Bag filters	Acoustic enclosures and silencers	Acoustic enclosure and silencer

14. 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.
15. The industry shall provide the monitoring system to all the stacks / vents in the plant. Regular monitoring shall be carried out and report shall be submitted to the Regional officer.
16. The industry shall provide multi-stage scrubbers to the process vents to control the process emissions. The industry shall provide online pH measuring facility with auto recording system to the scrubbers provided to treat the process emissions.
17. The industry shall provide VOC monitoring system with auto recording facility.
18. The industry shall implement adequate measures to control all fugitive emissions from the plant.

19. The proponent shall ensure compliance of the National Ambient Air quality standards notified by MoEF, GoI vide notification No. GSR. 826 (E), dated. 16.11.2009 during construction and regular operational phase of the project at the periphery.

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 night time.

20. The proponent shall not use or generate odour causing substances or Mercaptans and cause odour nuisance in the surroundings.

21. The industry shall send the used / spent solvents to the recyclers (or) process them at their own solvent recovery facility within the premises.

22. The evaporation losses in solvents shall be controlled by taking the following measures:

- i. Chilled brine circulation shall be carried out to effectively reduce the solvent losses into the atmosphere.
- ii. Transfer of solvents shall be done by using pumps instead of manual handling.
- iii. Closed centrifuges shall be used to reduce solvent losses.
- iv. All the solvent storage tanks shall be connected with vent condensers to prevent solvent vapours.
- v. The reactor vents shall be connected with primary & secondary condensers to prevent escaping of solvent vapour emissions into atmosphere.

**Solid Waste:**

23. The industry shall comply with the following for disposal of Solid wastes:

S. No.	Name of the Hazardous Waste	Quantity		Disposal Method
		Existing	Expansion	
1.	Organic solid waste (Process Residue)	311 Kg/day	1130 Kg/day	To the authorized Cement industries for co-processing (or) TSDF, Parawada for incineration
2.	Solvent Distillation Residue	434.00 Kg/day	483 Ltrs/day	
3.	Spent carbon	57.00Kg/day	60 Kg/day	
4.	Organic distillate from MEE Stripper	--	440 Kg/day	
5.	Inorganic Solid Waste	1144.00 Kg/day	2111 Kg/day	To TSDF, Parawada for secured land filling.
6.	ETP Sludge	50 Kg/day	50 Kg/day	
7.	MEE Salts	--	1829 Kg/day	
8.	Used Oils	300 LPA	300 LPA	Used as lubricant within the premises / to authorized Re-processors / Recyclers / to the Cement industries for co-processing.

9.	Detoxified Containers/ Container liners	500 Nos. / month	1500 Nos./month	To authorized agencies, after complete detoxification for re-use/ recycle.
10.	Used Lead Acid Batteries	2 Nos. / annum	4 Nos./annum	To dealers on buy back system
11.	Boiler ash	3500 Kg/day	10.5 TPD	To brick manufacturers.

24. The proponent shall place the chemical drums and / or any drums in a shed provided with concrete platform only. The Platform shall be provided with sufficient dyke wall and effluent collection system. The industry shall provide containers detoxification facility. Container & Container liners shall be detoxified at the specified covered platform with dyke walls and the wash wastewater shall be routed to low TDS collection tank.

25. The following rules and regulations notified by the MoEF&CC, GoI shall be implemented.

- a) Regulation of Persistent Organic Pollutants Rules, 2018.
- b) Hazardous waste and other wastes (Management and Transboundary Movement) Rules, 2016.
- c) Plastic Waste Management Rules, 2016.
- d) Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989
- e) Fly Ash Notification, 2016.
- f) Batteries (Management & Handling) Rules, 2010.
- g) E-Waste (Management) Rules, 2016.
- h) Construction and Demolition waste Management Rules, 2016.
- i) Solid Waste Management Rules, 2016.

**Other Conditions:**

26. **The industry shall not transport the increased effluents due to the proposed expansion to Ramky Pharmacy. The effluents shall be either treated in their own ZLD unit or in the CETP at Kondapalli, as committed during the CFE Committee meeting held on 28.06.2022.**

27. The industry shall comply with all the conditions stipulated in the EC dt.14.04.2022 issued by SEIAA, AP.

28. "The industry shall comply with the industry specific standards with respect to emissions tank farm vents stipulated by the MoEF & CC, GoI, New Delhi vide Notification GSR541(E), dt.06.08.2021."

<b>S. No.</b>	<b>Details of process emissions</b>	<b>Emission Control system</b>	<b>Emission Standard</b>
1.	HCl	Multi stage water scrubbers and alkali scrubbers in series.	35 mg/Nm <sup>3</sup>
2.	NH <sub>3</sub>		30 mg/Nm <sup>3</sup>
3.	Chlorine		15 mg/Nm <sup>3</sup>
4.	Benzene		5 mg/Nm <sup>3</sup>
5.	Toluene		100 mg/Nm <sup>3</sup>
6.	Acetonitrile		1000

			mg/Nm <sup>3</sup>
7.	Dichloromethane		200 mg/Nm <sup>3</sup>
8.	Xylene		100 mg/Nm <sup>3</sup>
9.	Acetone		2000 mg/Nm <sup>3</sup>

29. The industry shall display online data outside the main factory gate on quantity and nature of hazardous chemicals being used in the plant, water & air emissions and solid waste generated within the factory premises, as per Hon'ble Supreme Court order.
30. The industry shall prepare a safety report and carry out an independent safety audit report of the respective industrial activities including chemical storages / isolated storages by an expert not associated with such industrial activity as required under Rule 10 of MSIHC Rules, 1989 and get it approved by the Factories Dept., and submit the compliance along with copy of the safety report, safety audit report and safety certificate at concerned Regional Office, APPCB.
31. The industry shall submit a copy of the NOC issued by the Andhra Pradesh State Disaster Response and Fire Service Dept., (APSDRFSD) at concerned Regional Office, APPCB.
32. The industry shall submit risk assessment report covering worst scenario clearly describing impact within the industry premises and outside the industry premises and emergency response system.
33. The industry shall obtain PESO clearance & policy under PLI Act before applying for CFO of the Board.
34. The industry shall inventorize the storage quantities of hazardous chemicals (raw materials), products, as per the hazard nature of reactivity / toxicity / flammability / explosive stored/handling in the premises as defined in the Management of Storage, Import of Hazardous Chemicals (MSIHC) Rules, 1989 and the details shall be furnished to the Factories Department and to the Regional Office, APPCB on monthly basis duly certifying the same.
35. The industry shall identify major accident hazard chemicals & list out the hazardous chemicals endangered to human health & environment and the details shall be furnished to the Factories Department and to the Regional Office, APPCB time to time duly certifying the same by the industry. Further the industry shall extend training to the working personnels while handling hazardous chemicals for prevention of accidents and necessary antidotes to ensure the safety, as per the MSIHC Rules, 1989.
36. The industry shall carryout calibration of safety equipments and leak detection systems at regular intervals and shall certify the same with the Factories Department. That certified copy shall be submitted to the APPCB, Regional Office. The industry shall install fluorescent Wind Vane at the highest point in the industry premises.

37. The industry shall comply with the Technical suggestions at Chapter No. 7.3 & 7.4 for Hazardous Chemical handling industries by High Power Committee (HPC) of Govt. of Andhra Pradesh. The HPC report is available at [www.ap.gov.in](http://www.ap.gov.in).
38. The industry shall utilize DG power for captive consumption only & power shall not be supplied to grid and shall follow the amendments issued by MoEF & CC/CPCB from time to time on DG sets in respect of conditions & standards.
39. Thick green belt shall be maintained all along the boundary & vacant spaces with tall growing trees with good canopy and it shall not be less than 33% of the total area.
40. The industry shall submit compliance to the conditions stipulated in the CFE orders to the concerned Regional Officer of APPCB every six months and shall upload the same at APPCB website viz., [https://pcb.ap.gov.in/UI/Submission\\_Compliance\\_of\\_EC\\_CFE\\_CFO\\_Direction.aspx](https://pcb.ap.gov.in/UI/Submission_Compliance_of_EC_CFE_CFO_Direction.aspx)
41. The industry shall submit the information regarding usage of Ozone Depleting Substance once in six months to the Regional Office and Zonal Office of the Board.
42. Concealing the factual data or submission of false information / fabricated data and failure to comply with any of the conditions mentioned in this order attracts action under the provisions of relevant pollution control Acts.
43. Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserves its right and power Under Sec. 27(2) of Water (Prevention and Control of Pollution) Act, 1974 and Under Sec.21(4) of Air (Prevention and Control of Pollution) Act, 1981 to revoke the order, to review any or all the conditions imposed herein and to make such modifications as deemed fit and stipulate any additional conditions.
44. 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 Andhra Pradesh 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.

**VIJAY KUMAR GSRKR IAS,  
MEMBER SECY(GSRKRVK), O/o MEMBER  
SECRETARY-APPCB**

**MEMBER SECRETARY**

**To**  
**M/s. Orch Laboratories India (P) Ltd., (Exp)**  
**Plot No. 51-A to J & 56-F, IDA,**  
**Kondapalli (V), Ibrahimpatnam(M),**  
**Krishna District**  
**Email: ebrao@orchlabs.com**





**ANDHRA PRADESH POLLUTION CONTROL BOARD**  
**Paryavaran Bhavan, APIIC Colony Road,**  
**Gurunanak Colony, Autonagar, Vijayawada-**  
**520007**



Website: <https://pcb.ap.gov.in/>

## RENEWAL OF CONSENT TO OPERATE & AUTHORIZATION ORDER

**Consent Order No: 267214/APPCB/VJA/VJA/CTO/HO/2025 18-12-2025**

CONSENT is hereby granted for Operation under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorisation under Rule 6 of the Hazardous and Other Wastes (Management & Transboundary Movement) Rules 2016 and the rules and orders made there under (hereinafter referred to as 'the Acts', 'the Rules') to:

**M/s. Orch Laboratories India (P) Ltd,**  
**Plot No. 51-A to J & 56-F, IDA, Kondapalli (V),**  
**Ibrahimpatnam (M), NTR District**  
**Email: ebrao@orchlabs.com**

(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. Out lets for discharge of effluents:

Outlet No.	Outlet Description	Max Daily Discharge	Point of Disposal
1	High TDS effluents: Process-47.95 + Scrubbing system-3.00	50.95 KLD	The industry shall ensure ZLD system. <ul style="list-style-type: none"> <li>• Shall be treated in MEE followed by ATFD.</li> <li>• Condensate to Biological ETP.</li> <li>• MEE salts shall be disposed to TSDF.</li> </ul>
2	Low TDS effluents: Process-3.78 + Washings-5.00 + Boiler blow down - 7.50 + Cooling towers bleed off - 19.50.	35.78 KLD	<ul style="list-style-type: none"> <li>• Shall be treated in Biological ETP</li> <li>• RO Permeate is reused for cooling tower / boiler feed.</li> <li>• RO rejects to MEE followed by ATFD.</li> </ul>
3	Domestic	3.50 KLD	The overflow of the septic tank shall be sent to the ETP

**ii) Emissions from chimneys:**

Chimney No.	Description of Chimney
1.	Attached to 1 x 4 TPH Coal Fired Boiler
2.	Attached to 1 x 5 TPH Coal Fired Boiler
3.	Attached to 3 x 500 KVA DGsets
4.	Process emissions

**ii) HAZARDOUS WASTE AUTHORISATION (FORM – II) [See Rule 6 (2)]:**

M/s. Orch Laboratories India (P) Ltd, Plot No. 51-A to J & 56-F, IDA, Kondapalli (V), Ibrahimpatnam (M), NTR District is hereby granted an authorization to operate a facility for collection, reception, storage, treatment, transport and disposal of Hazardous Wastes namely:

**Hazardous Wastes With Disposal Option**

Sl. No.	Name of the Hazardous Waste	Stream	Quantity	Method of disposal
1.	Organic Solid Waste (Process Residue)	28.1 of Schedule-I	1130 Kgs/day	Shall be routed through M/s. APEMC to authorized cement industries for co processing (as utilizable waste) / to TSDF for incineration (as Incinerable waste).  (or) Routed through M/s. APEMC to TSDF for Secured land filling. (as Landfillable waste).
2.	Solvent Distillation Residue	28.6 of Schedule-I	483 Lts/day	
3.	Spent carbon	28.3 of Schedule-I	60 Kgs/day	
4.	Organic distillate from MEE Stripper	28.1 of Schedule-I	440 Kgs/day	
5.	Inorganic Solid waste	34.3 of Schedule-I	2111 Kgs/day	
6.	MEE salts	37.3 of Schedule-I	1829 Kgs/day	
7.	ETP Sludge	35.3 of Schedule-I	50 Kgs/day	

**Hazardous Wastes With Recycling Option:**

Sl.	Name of the solid	Stream	Quantity	Disposal
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No.	waste			
1.	Used Oils	5.1 of Schedule - I	300 LPA	Used as lubricant within the premises / to authorized Re-processors / Recyclers / to the Cement industries for co-processing.
2	Detoxified Container and Container Liners & HDPE Carboys	33.1 Schedule-I	1500 Nos/month	Shall be routed through M/s. APEMC to authorized agencies, after complete detoxification for re-use/ recycle.
3	Used lead acid batteries	--	4 Nos./ Annum	To dealers on buy back system.

This consent order is valid to manufacture the following Products:

Sl. No.	Name of the Products	As per CTO application (Kgs/day)
<b>Group-A</b>		
1.	(1-Benzyl-4-Tert-Butoxycarbonylamino-2-Hydroxy-5 Phenyl- Pentyl)-Carbamic Acid Thiazol-5-Ylmethyl Ester (Ritonavir Intermediate)	266.67
2.	(S)-2-(3-(2-Isopropylthiazol-4-Yl)Methyl)-3-Methyl ureido)-3-Methylbutanoic Acid (Ritonavir Intermediate)	150.00
3.	6-Chloro-2-Hexanone	100.00
4.	Abacavir Sulphate	100.00
5.	Carbonic Acid,4-Nitrophenyl-5-Thiazolyl Methyl Ester	133.33
6.	Lamivudine	883.33
7.	Ritonavir	400.00
8.	Favipiravir	333.33
	<b>Total</b>	<b>2366.66</b>
<b>Group-B</b>		
1.	FCE(2R,5S)-5-(4-Amino-5-fluoro-2-oxo-2H- pyrimidin-1-yl)- [1,3]-oxathiolane-2-carboxylic acid,2S-Isoprpyl-5R-Methyl- 1R Cyclohexyl ester	2966.67
2.	CHE-3 (5-(4-Amino-2-oxo-2HPyrimidinyl-[1,3]-oxathiolane-2-carboxylic acid-2-isopropyl-5-methyl cyclo hexyl ester)	2966.67
	Total	2966.67
<b>Group-C</b>		

1.	L-Menthyl Glyoxylate	1333.33
	Total	
	<b>(Group-B + Group-C)</b>	<b>4300.00</b>
	<b>Total (Group-A or [Group-B + Group-C]) at any point of time.</b>	<b>4300.00</b>

### By-Products

Sl. No.	Name of the products	Name of the By-Product	Capacity (Kgs/day)	As per CTO application (Kgs/day)
1.	Favipiravir	Phosphoric acid	326.70	326.70
		Potassium chloride	427.30	427.30
2.	Lamivudine	L-Menthol	614.40	614.40
		Hydrochloric acid- (10%)	1463.0	1463.0
3.	(2R, 5S)-5-(4-Amino-5-Fluoro-2-Oxo- 2H-Pyrimidin -1-yl)-[1, 3] Oxathiolane- 2-Carboxylic Acid, 2S-Isopropyl - 5RMethyl-1R-Cyclohexyl Ester (FCE)	Hydrochloric acid- (10%)	2764.90	2764.90
4.	5-(4-Amino-2-oxo-2H-Pyrimidinyl - [ 1 , 3] Oxathiolane-2-carboxylic acid-2- Isopropyl-5-methyl cyclo hexyl Ester (CHE-3)	Hydrochloric acid- (10%)	2965.20	2965.20

The industry shall submit disposal (sale) details of the above by-products every month to the concerned Regional Office & Zonal Office. In case the by-products cannot be sold in the market due to any reasons, the by-products shall be treated as waste and disposed as per the norms, but shall not be used within the premises without consent of the Board.

**The issue of CTO & HWA (Renewal) to the industry was placed in the Consent Management (CTO) committee meeting held on 08.12.2025. The Committee has agreed to issue CTO & HWA (Renewal) with the following conditions:**

1. The industry shall apply for CTE & CTO for increase in the hazardous waste generation after obtaining EC amendment.

2. The industry shall dispose 10% HCl as by-product only.
3. The industry shall convert remaining 7 single stage scrubbers to multistage within a month.
4. The industry shall regularly submit the annual returns of hazardous waste.
5. This order is subject to the provisions of 'the Acts' and the Rules' and orders made there under and further subject to the terms and conditions incorporated in the schedule A, B & C enclosed to this order.

This combined order of Consent & Hazardous Waste Authorisation shall be valid for a period ending with the **30.09.2026**.

**S**  
**SRISARAVANAN, I.F.S**  
MEMBER SECRETARY

**To**  
**M/s. Orch Laboratories India (P) Ltd,**  
**Plot No. 51-A to J & 56-F, IDA, Kondapalli (V),**  
**Ibrahimpattanam (M), NTR District**  
**Email: ebrao@orchlabs.com**

Copy to:

1. The JCEE, Zonal Office, Vijayawada for information.
2. The EE, Regional Office, Vijayawada for information and necessary action.

#### **SCHEDULE - A**

1. Any up-set condition in any industrial plant / activity of the industry, which result in, increased effluent / emission discharge and/ or violation of standards stipulated in this order shall be informed to this Board, under intimation to the Collector and District Magistrate and take immediate action to bring down the discharge / emission below the limits.
2. The industry should carryout analysis of waste water discharges or emissions through chimneys for the parameters mentioned in this order on quarterly basis and submit to the Board.
3. Notwithstanding anything contained in this consent order, the Board hereby reserves the right and powers to review / revoke any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Acts by the Board.
4. The industry shall ensure that there shall not be any change in the process technology, source & composition of raw materials and scope of working

without prior approval from the Board.

5. The applicant shall submit Environment statement in Form V before 30th September every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.
6. The applicant should make applications through Online for renewal of Consent (under Water and 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 and detailed compliance of CFO conditions for obtaining Consent & HW Authorization of the Board.
7. The industry should immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes employed, quantity of trade effluents & quantity of emissions. Any change in the management shall be informed to the Board. The person authorized should not let out the premises / lend / sell / transfer their industrial premises without obtaining prior permission of the State Pollution Control Board.
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 Andhra Pradesh Water Rules, 1976 and Air Rules 1982, to 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.
9. The industry shall be liable to pay Environmental Compensation / Other Environmental Taxes, if any environmental damage caused to the surroundings, as fixed by the Collector & District Magistrate or any other competent authority as per the Rules in vogue.
10. The industry may explore the possibility of tapping the solar energy for their energy requirements.
11. The industry should educate the workers and nearby public of possible accidents and remedial measures.

### **SCHEDULE - B**

**The item was placed in the Consent Management Committee meeting held on 08.12.2025. The industry shall comply with the following conditions:**

1. The industry shall apply for CTE & CTO for increase in the hazardous waste generation after obtaining EC amendment.
2. The industry shall dispose 10% HCl as by-product only.
3. The industry shall convert remaining 7 single stage scrubbers to multistage within a month.

4. The industry shall regularly submit the annual returns of hazardous waste.

#### **WATER POLLUTION:**

5. The source of water is Borewel. The following is the permitted water consumption:

<b>S. No.</b>	<b>Purpose</b>	<b>Quantity (KLD)</b>
1.	Process	49.00
2.	Washings	5.00
3.	Boiler make up	52.50
4.	Cooling towers make up	193.00
5.	Scrubbing system	3.00
6.	Domestic	4.00
7.	Gardening	25.50
	<b>Total:</b>	<b>332.00</b>

6. The industry shall maintain separate electromagnetic flow meters for assessing the water consumption used for Process, Reactor & Floor Washings, Scrubber, Boiler Blow down, Cooling Tower Blow down RO/DM Plant and Domestic purposes and maintain records for the same.
7. The industry shall segregate effluents into HTDS & LTDS streams at source & adopt requisite treatment to maintain zero liquid discharge (ZLD).
8. The industry shall maintain the magnetic flow meters with totalizes and web camera at the inlet and outlet of Stripper, MEE, Biological ETP and connect to APPCB website as per CPCB protocol for ZLD system.
9. The industry shall maintain HDPE tanks / tank in tank in the effluent collection tank (both locations at block and common collection point). Free space shall be maintained around the HDPE tanks / Tank in Tank to observe leakages if any.
10. The industry shall maintain separate energy meters for Effluent Treatment Plant (ETP) to record energy consumed.
11. The LTDS and HTDS effluents shall be stored in above ground collection tanks separately.
12. Effluents shall not be discharged onland or any water bodies or aquifers under any circumstances. Floor washings shall be admitted into effluent collection system only and shall not be allowed to find their way into storm water drains or open areas.
13. The industry shall provide containers detoxification facility. Container & Container liners shall be detoxified at the specified covered platform with dyke walls and the wash wastewater shall be routed to low TDS collection

tank.

14. Rain water shall not be allowed to mix with either trade or domestic effluents. Industry shall maintain storm water drains, properly.
15. The industry shall maintain rainwater runoff tank with pump for collection and storage of first flush contaminated storm water and the same shall be sent to CETP for further treatment. The industry shall maintain dry condition in outside drains during non-rainy season.
16. Floor washing shall be admitted into the effluent collection system only and shall not be allowed to find their way in storm drains or open areas. All pipe valves, sewers, drains shall be leak proof.

#### AIR POLLUTION:

17. The emission shall not contain constituents in excess of the prescribed limits mentioned below:

Chimney No.	Process emissions	Emission Standards (mg/Nm <sup>3</sup> )
1 & 2	Particulate Matter	115 mg/Nm <sup>3</sup>
4	HCl	35
	NH <sub>3</sub>	30
	Sulphuric acid mist	50
	Chlorine	15
Tank farm vents	HCl	35
	NH <sub>3</sub>	30
	Chlorine	15
	Benzene	5
	Toluene	100
	Acetonitrile	1000
	Dichloromethane	200
	Xylene	100
Acetone	2000	

18. The industry shall comply with ambient air quality standards of PM<sub>10</sub> (Particulate Matter size less than 10mm) - 100 mg/ m<sup>3</sup>; PM<sub>2.5</sub> (Particulate Matter size less than 2.5 mm) - 60 mg/ m<sup>3</sup>; SO<sub>2</sub> - 80 mg/ m<sup>3</sup>; NO<sub>x</sub> - 80 mg/m<sup>3</sup>, outside the factory premises at the periphery of the industry.

Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009.

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

Night time (10 PM to 6 AM) - 70 dB (A)

19. The industry shall comply with emission limits for DG sets of capacity upto

- 800 KW as per the Notification G.S.R. 804(E), dated 03.11.2022 under the Environment (Protection) Act Rules. In case of DG sets of capacity 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.
20. The industry shall provide a sampling port with removable dummy of not less than 15 cm diameter 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.
  21. The proponent shall ensure compliance of the National Ambient Air quality standards notified by MoEF, GoI vide notification No. GSR. 826 (E), dated. 16.11.2009 during construction and regular operational phase of the project at the periphery.
  22. The industry shall provide separate energy meters to the air pollution control equipment and maintain the records properly.
  23. The industry shall operate the multi stage scrubbers for scrubbing of process emissions at all emission sources. The industry shall maintain online pH meters to the scrubbers
  24. The industry shall provide vent condensers to the solvent storage tanks and the vapors shall be scrubbed with suitable media.
  25. The evaporation losses in solvents shall be controlled by taking the following measures:
    - i. Chilled brine circulation to effectively reduce the solvent losses into the atmosphere.
    - ii. Transfer of solvents by using pumps and closed conveyance instead of manual handling.
    - iii. Closed centrifuges are used due to which solvent losses are reduced drastically.
    - iv. The reactor vents connected with primary & secondary condensers to catch the solvent vapours.
    - v. All the solvent storage tanks are connected with vent condensers to prevent solvent vapours.
  26. The industry shall not use odour causing substances such as Mercaptan or cause odour nuisance in the surroundings.
  27. The industry shall maintain VOC monitoring system with auto recording facility and transmit the data to APPCB website continuously.

**GENERAL:**

28. The industry should not increase the capacity beyond the permitted capacity mentioned in this order, without obtaining CTE & CTO of the Board. The industry shall not manufacture new products and not exceed the individual products mentioned in this order.
29. The effluent discharged and emissions shall comply with the tolerance limits mentioned in MoEF notification dated 09.07.2009 prescribed for Pharmaceutical (Manufacturing and Formulation) industry and G.S.R. 541(E) dt. 06.08.2021 for Bulk Drug and Formulation (Pharmaceutical).
30. The industry shall not dispose any non-hazardous waste outside the industry premises. The industry shall dispose solid waste (NON HAZARDOUS ) as follows:

S.No.	Name of the Waste	Quantity	Disposal Option
1.	Boiler ash	10.5 TPD	Shall be sent to brick manufacturers

31. The industry shall maintain shed along with concrete platform provided for the chemical drums and / or any drums. The Platform shall maintain sufficient dyke wall and effluent collection system.
32. The industry shall maintain the following records and the same shall be made available to the inspecting officers of the Board:
- Daily production details.
  - Quantity of Effluents generated, treated, recycled/reused and disposed to CETP.
  - Log Books for pollution control systems.
  - Characteristics of effluents and emissions.
  - Hazardous/non hazardous solid waste generated and disposed.
  - Inspection book.
  - Manifest copies of effluents / hazardous waste.
33. The industry shall maintain records on source of intermediates for each product-wise along with invoice copies of the intermediates outsourced.
34. All the internal roads shall be of cement concrete / bitumen to reduce fugitive dust due to the movement vehicles.
35. The industry shall comply with the Standard Operating Procedure (SoP) and Checklist of Minimal Requisite Facilities for Utilization of Spent Solvent for

- Recovery of Solvent specified for Solvent Recovery Units issued by CPCB from time to time. The total cumulative losses of solvents shall not be more than 5% of the solvent on annual basis from storage inventory.
36. The following rules and regulations (as amended and upgraded from time to time) notified by the MoEF&CC, GoI shall be implemented.
- a. Regulation of Persistent Organic Pollutants Rules, 2018.
  - b. Hazardous waste and other wastes (Management and Transboundary Movement) Rules, 2016.
  - c. Plastic Waste Management Rules, 2022.
  - d. Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989
  - e. Fly Ash Notification, 2016.
  - f. Battery Waste Management Rules, 2022.
  - g. E-Waste (Management) Rules, 2022.
  - h. Construction and Demolition waste Management Rules, 2016.
  - i. Solid Waste Management Rules, 2016.
  - j. The Public Liability Insurance Act, 1991 and its amendments thereof.
  - k. Bio Medical Waste Management Rules, 2016
37. The industry shall comply with SoPs issued by CPCB time to time for all the wastes.
38. The industry shall comply with the Regulation of Persistent Organic Pollutants Rules, 2018 notified by the MoEF&CC Notification vide G.S.R. 207 (E) dated 30.05.2018. As per the notification, the following 7 chemicals are prohibited to manufacturer, trade, use, import and export:
- i. Chlordecone,
  - ii. Hexabromobiphenyl,
  - iii. Hexabromodiphenyl ether and heptabromodiphenyl ether (commercial octa-BDE),
  - iv. Tetrabromodiphenyl ether and pentabromodiphenyl ether (commercial penta-BDE),
  - v. Pentachlorobenzene,
  - vi. Hexabromocyclododecane and
  - vii. Hexachlorobutadine
39. The industry shall submit the information regarding usage of Ozone Depleting Substance once in six months to the Board.
40. The industry shall maintain green belt in all the vacant places. In future, excess green belt over and above 33 % of total area can be utilized for industrial activity as per requirement of industry.
41. The industry shall install digital display boards at publicly visible places at the main gate indicating the products manufactured Vs permitted quantities,

Treated effluent concentrations Vs discharge standards, Stack emission & AAQ concentrations Vs standards, hazardous waste generation, disposed, stock Vs permitted quantities and validity of CTO; and exhibit the CTO order at a prominent place in the factory premises, as per Hon'ble Supreme Court order.

42. The industry shall submit the Environmental Statement in Form – V.
43. The industry shall comply with conditions stipulated in EC, CTE orders and Taskforce directions issued by the Board from time to time.
44. Any other directions / circulars / notices issued by CPCB, MoEF&CC and APPCB shall be followed from time to time.
45. The conditions stipulated are without prejudice to the rights and contentions of this Board in any Hon'ble Court of Law.
46. The industry shall operate with valid NOC issued by the Andhra Pradesh State Disaster Response and Fire Service Dept., (APSDRFSD) and submit a copy at concerned Regional Office, APPCB.
47. The industry shall operate with valid PESO permission.
48. The industry shall maintain valid PLI policy which includes Environmental Relief Fund (ERF) and submit copy to concerned RO, on yearly base.
49. The industry shall prepare a safety report and carry out an independent safety audit report of the respective industrial activities including chemical storages / isolated storages by an expert not associated with such industrial activity as required under Rule 10 of MSIHC Rules, 1989 and get it approved by the Factories Dept., and submit the compliance along with copy of the safety report, safety audit report and safety certificate at concerned Regional Office, APPCB.
50. The industry shall extend training to the working personnel for the prevention of accidents and necessary antidotes to ensure safety, as per the MSIHC Rules, 1989.
51. The industry shall carryout calibration of safety equipment and leak detection systems at regular intervals and shall certify the same with the Factories Department. That certified copy shall be submitted to the APPCB, Regional Office.
52. The industry shall install fluorescent Wind Vane at the highest point in the industry premises.
53. The industry shall submit Risk analysis and risk assessment covering worst scenario clearly describing impact within the industry premises and outside the industry premises and emergency response system.
54. The industry shall submit the copy of the safety audit report and On-Site / Off Site Emergency Plans as applicable after being certified by the Factories Department to the APPCB, Regional Office from time to time, if the storage

- quantity of hazardous chemicals is equal to or, in excess of the threshold quantities specified in schedule 2 & 3 of MSIHC Rules, 1989.
55. The industry shall submit Half yearly compliance reports to all the stipulated conditions in Environmental Clearance (EC), Consent to Establishment (CTE) and Consent to Operation (CTO) through website i.e., <https://pcb.ap.gov.in> by 1st of January and 1st July of every year. The first half yearly compliance reports shall be furnished by the industry and second half yearly compliance reports shall be the audited through MoEF&CC recognized and National Accreditation Board for Laboratory Testing (NABL) accredited third party.
  56. The industry shall inventorize the storage quantities of hazardous chemicals (raw materials), products, as per the hazard nature of reactivity/toxicity/flammability/ explosive materials stored/handling in the premises as defined in the MSIHC Rules, 1989 and the details shall be furnished to the Factories Department and to the Regional Office, APPCB on monthly basis duly certifying the same.
  57. The industry shall identify major accident hazard chemicals & list out the hazardous chemicals endangered to human health & environment and the details shall be furnished to the Factories Department and to the Regional Office, APPCB time to time duly certifying the same by the industry. Further the industry shall extend training to the working personnel's while handling hazardous chemicals for prevention of accidents and necessary antidotes to ensure the safety, as per the MSIHC Rules, 1989 and Amendments thereof.
  58. The industry shall inventorize the hazardous wastes and its quantities stored within the industry premises as per the Hazardous and Other Wastes(Management and Transboundary Movement) Rules, 2016 (HOWM Rules, 2016)and shall furnish the details to Regional Office, APPCB on monthly basis duly certifying the same by the industry.
  59. The industry shall comply with the technical suggestions at Chapter No. 7.3 & 7.4 for Hazardous Chemical handling industries by High Power Committee (HPC) of Govt. of Andhra Pradesh.
  60. Concealing the factual data or submission of false information / fabricated data and failure to comply with any of the conditions mentioned in this order attracts action under the provisions of relevant pollution control Acts.
  61. The Board reserves its right to modify above conditions or stipulate any additional conditions including revocation of this order in the interest of environment protection.

### **SCHEDULE – C**

***[See rule 6(2)]***

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

1. The authorized person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorization or its renewal shall be produced for inspection at the request of an officer authorized by the State Pollution Control Board.
3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the Hazardous and other wastes except what is permitted through this authorization.
4. Any un authorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.
5. The person authorized shall implement Emergency Response Procedure (ERP) for which this authorization is being granted considering all site-specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time.
6. The person authorized shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty".
7. It is the duty of the authorized person to take prior permission of the State Pollution Control Board to close down the facility.
8. An application for the renewal of an authorization shall be made as laid down under these Rules.
9. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
10. The authorized person shall submit annual returns in Form- 4 as per Rule 6(5) of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016 and amendments thereof to APPCB by 30th day of June of every year for the preceding period April to March. Hazardous Wastes quantities in Form- 4 shall be submitted in terms of Metric Tonnes/annum.
11. The authorized person shall not store hazardous waste for more than 90 days as per the Hazardous & Other Wastes (Management and Transboundary Movement) Rules, 2016.
12. The authorized person shall store Used /Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal to the manufacturers / dealers on buy back basis.
13. The authorized person shall maintain 7 copy manifest system for transportation of waste generated and a copy shall be submitted to

concerned Regional Office of APPCB. The driver who transports Hazardous Waste should be well acquainted about the procedure to be followed in case of an emergency during transit. The transporter should carry a Transport Emergency (TREM) Card.

14. The authorized person shall maintain proper records for Hazardous & other wastes stated in Authorization 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 6 (5) of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016 and amendments thereof by June 30th for the period ensuring 31st March of the year.

S SRISARAVANAN, I.F.S  
MEMBER SECRETARY

**To**  
**M/s. Orch Laboratories India (P) Ltd,**  
**Plot No. 51-A to J & 56-F, IDA, Kondapalli (V),**  
**Ibrahimpattanam (M), NTR District**  
**Email: [ebrao@orchlabs.com](mailto:ebrao@orchlabs.com)**



# LMRHOSPITAL 90/2015

Dr. Sagam Dinesh Reddy

M.D, D.F.M (Family Medicine), AFIH (INDUSTRIAL HEALTH)  
Regd No ; APMC/FMR/88933



4-41 Narasimha Swamy Temple Street...  
G. Konduru (Post Office) - 151101  
Krishna ( Dist ) - 517225  
0866-2802243, 9703112449  
dineshsagam143@gmail.com

Name Of The Employee : N. Naga Durga Prasad

Age/ Sex : 23 years / Male

BP
100/60 MMHG

Height	Weight	BMI	Remarks
176 cm	92 kg	29.7	Over weight

Vision

Eye	Right Eye	Left Eye
With Out Glasses	6/6	6/6
With Glasses	—	—
Colour Vision	Normal	Normal

Hearing

Right Ear	Left Ear
Normal	Normal

SKIN

: no dry & skin allergies

Fitness for Duty : Fit/Unfit

Concomitant Diseases

: no h/o Concomitant diseases

*[Handwritten Signature]*  
16/02/2020

Signature Of Medical Officer

# L.M.R. HOSPITAL

4-41 B Narasimha Swamy Temple Street, G. Konduru  
PH : + 91 9701765547

## LABORATORY REPORT

Patient Name : N. Naga Durga Prasad

Patient ID : 260216-001

Gender & Age : Male / 23 Years

Report Date : 16-Feb-2026

Referred By : DR. S. DINESH REDDY M.D., D.F.M., AFIH

Bill Date : 16-Feb-2026

### COMPLETE BLOOD COUNT

Hemoglobin	:	16.2	Gms	12.0 - 14.5 Gms
Total RBC Count		5.96	Millions/cmm	4.5 - 5.5 Millions/cmm
Total WBC Count	:	9800	Cells/cmm	4,000 - 10,000 Cells/cmm
Haematocrit	:	53.2	%	40 - 60 %
Mean Cell Hemoglobin	:	28.2	pg	25 - 30 pg
Platelet Count	:	2.63	Lakhs/cmm	1.5 - 4.5 Lakhs/cmm

### DIFFERENTIAL COUNT

Neutrophils	:	71	40 % - 60 %
Lymphocytes	:	20	20 % - 40 %
Eosinophils	:	05	02 % - 08 %
Monocytes	:	04	01 % - 02 %

Blood Group & Rh Type :: " B " POSITIVE ( + ve )

### URINE Exam

Albumin	Nil	Billrubin	Nil
Sugar	Nil	Urobilinogen	Negative
Ph	7.5	Specific Gravity	1.015
Ketone Bodies	Nil		

Your (**Half Yearly Compliance Report**) has been **Submitted** with following details

<b>Proposal No</b>	SIA/AP/IND2/234823/2021
<b>Compliance ID</b>	132342379
<b>Compliance Number(For Tracking)</b>	EC/M/COMPLIANCE/132342379/2025
<b>Reporting Year</b>	2025
<b>Reporting Period</b>	01 Jun(01 Oct - 31 Mar)
<b>Submission Date</b>	25-07-2025
<b>RO/SRO Name</b>	V Geroge Jenner
<b>RO/SRO Email</b>	tr025@ifs.nic.in
<b>State</b>	ANDHRA PRADESH
<b>RO/SRO Office Address</b>	Integrated Regional Offices, Vijayawada

**Note:-** SMS and E-Mail has been sent to V Geroge Jenner, ANDHRA PRADESH with Notification to Project Proponent.



Date: 17/09/2025

**ORCH LABORATORIES INDIA PVT LTD**  
**PLOT NO.51A TO J & 56F, IDA KONDAPALLY**  
**IBRAHIMPATNAM MANDAL, NTR DISTRICT**  
**IBRAHIMPATNAM - 521228**  
**KRISHNA**  
**ANDHRA PRADESH**  
**INDIA**  
**37AABCO5002E1ZY(GSTIN Number)**

**Policy No : 0304014480**

**Renewal : 00**

**Endorsement : 00**

Dear Sir / Madam,

We thank you for choosing **Tata AIG General Insurance Company Ltd.** as your preferred insurer. Your Policy No. Is 0304014480 00 00.

We are glad that you have chosen our product **PUBLIC LIABILITY ACT** and given us an opportunity to be your risk carrier for this Product.

'Casualty Line' caters to most of the Enterprises / Industries in India, whether Large, Medium or Small. As one of the India's most established insurance companies, we understand these unique needs of coverage. At Tata AIG we care for you and would strive to offer convenience coupled with a range of products that cater continuously to your ever increasing needs.

Enclosed please find your policy docket based on the information furnished by you in the Proposal.

We look forward to a long and mutually beneficial relationship and providing you wider range of benefits in the years to come.

Yours Sincerely,

For Tata AIG General Insurance Company Limited

**PUBLIC LIABILITY ACT POLICY  
POLICY SCHEDULE**

Agent/Broker Name -HOWDEN INSURANCE BROKERS INDIA PVT LTD

Agent/Broker License Code - 263:Agent/Broker :Contact No - (022)24983423 (mobile or landline)

**Attaching to and forming part of Policy No.** 0304014480 00 00  
**Name of Insured Owner:** ORCH LABORATORIES INDIA PVT LTD  
**Business:** Manufacturing bulk drugs and its intermediated

**Address:** PLOT NO.51A TO J & 56F, IDA KONDAPALLY  
IBRAHIMPATNAM MANDAL, NTR DISTRICT  
IBRAHIMPATNAM - 521228  
KRISHNA  
ANDHRA PRADESH  
INDIA  
37AABCO5002E1ZY(GSTIN Number)  
Place of supply -ANDHRA PRADESH  
State code -37

**Territorial limits:** Anywhere in India

**Policy Period: From:** 26/08/2025 12:00 AM/ PM  
**To Midnight of:** 25/08/2026 12:00 AM/ PM

Indemnity limit:Rs 145,000,000.00(AOA Limit) in respect of any one accident and not exceeding Rs 145,000,000.00(AOY Limit) in the aggregate during the policy period.

Service Tax Registration No:  
Premium ₹ 20,000.00  
IGST @18 % ₹ 3,600.00

**Contribution to the  
Environment Relief Fund:₹ 20,000.00**

**Date of Proposal and declaration:26/08/2025**

In witness whereof the undersigned being duly authorized by the company and on behalf of the company has hereto set his hand at HYDERABAD on 17/09/2025

The stamp duty of 0.5 paid in cash or demand draft or by pay order,vide Receipt/Challan no: LOA/ENF1/CSD/70/2025/2494 dated the 26/06/2025

**For Tata AIG General Insurance Company Limited**

Date :17/09/2025  
Place :HYDERABAD

**Policy Servicing Office**  
**Tata AIG General Insurance Company Limited**  
5TH AND 6TH FLOOR, IMPERIAL TOWERS,, H.NO 7-1-6-617/A, GHMC NO - 615,616,,HYDERABAD,TELANGANA,HYDERABAD-500016  
Tel No:91-44-66864900

## RECEIPT

Receipt No. : 102001114937556

Receipt Date : 25/08/2025

Policy No : 0304014480 00 00

Received with thanks from ORCH LABORATORIES INDIA PVT LTD a sum of ₹ **43,600.00** ( Rupees Forty Three Thousand Six Hundred And Paise Zero Only)

Sr. No.	Policy Number	Total Premium (₹)	Utilized from the receipt for policy (₹)	Balance (₹)
1	0304014480 00 00	43,600.00	43,600.00	0.00

**Note:**

1. This is a computer generated receipt and does not require a signature.
2. Upon issuance of this Receipt, all previously issued temporary receipts, if any, related to this Policy shall be considered null and void.
3. Amounts received by cheque shall be subject to realisation.
4. Any amount received in excess of the Premium is being/shall be refunded by the Company.

**GSTIN : 36AABCT3518Q1ZX - TELANGANA Service Accounting Code : 997139**

Revenue (consolidated) Stamp Duty duly paid vide challan No.LOA/ENF1/CSD/83/2024/5365 date 30/11/2024 for applicable cases.

Insurance is the subject matter of the solicitation. For more details on risk factors, terms and conditions, please read sales brochure carefully before concluding a sale.  
TATA AIG General Insurance Company Ltd. Regd. Office: 15th floor, Tower A, Peninsula Business Park,Ganpatrao Kadam Marg, Off Senapati Bapat Marg, Lower Parel, Mumbai- 400 013.

IRDA Registration No.108, CIN No : U85110MH2000PLC128425,PAN : AABCT3518Q  
Website: www.tataaig.com 24\*7 Customer Support Number 022 6489 8282 E-mail: customersupport@tataaig.com

**LIABILITY INSURANCE POLICY  
(UNDER PUBLIC LIABILITY INSURANCE ACT 1991)**

**1. OPERATIVE CLAUSE**

Whereas the Insured Owner named in the schedule hereto and carrying on business described in the said schedule has applied to the Tata AIG General Insurance Company Limited (hereinafter called the Company) for the indemnity hereinafter contained and has made a written proposal and declaration which shall be the basis of this contract and is deemed to be incorporated herein and has paid the premium and statutory contribution towards the Environment Relief Fund as per the provisions of the Public Liability Insurance Act and the rules framed thereunder.

NOW THIS POLICY WITNESSETH that subject to the terms, exceptions and conditions contained herein or endorsed hereon, the company will indemnify the insured owner against the statutory liability arising out of accidents occurring during the currency of the policy due to handling hazardous substances as provided for in the said Act and the Rules framed thereunder.

**2. DEFINITIONS:**

- a) "ACT" unless otherwise specifically mentioned shall mean the Public Liability Insurance Act 1991 as amended from time to time;
- b) "Accident" means an accident involving a fortuitous, sudden or unintentional occurrence while handling any hazardous substance resulting in continuous, intermittent or repeated exposure to death of, or injury to any person or damage to any property but does not include an accident by reason only of war or radioactivity;
- c) "Handling" in relation to any hazardous substance means the manufacture, processing, treatment, package, storage, transportation by vehicle, use, collection, destruction, conversion, offering for sale, transfer or the like of such hazardous substance;
- d) "Hazardous Substance" means any substance or preparation which is defined as hazardous substance under the Environment (Protection) Act, 1986, and exceeding such quantity as may be specified, by notification, by the Central Government;
- e) "Owner" means a person who owns, or has control over handling any hazardous substance at the time of accident and includes:
- i) in the case of a firm any of its partners;
  - ii) in the case of an association, any of its members, and
  - iii) in the case of a company, any of its directors, managers, secretaries or other officers who is/are directly in charge of, and is/are responsible to the company for the conduct of the business of the company;
- f) "Turnover" shall mean
- i) Manufacturing units-Annual Gross Sales of all goods including all levies and taxes
  - ii) Godowns/ warehouse owners-Total Annual rental receipts.
  - iii) Transport Operators-Total Annual freight receipts.
  - iv) Others-Total Annual gross receipts.

**3. EXCLUSIONS:**

- (1) arising out of wilful or intentional non-compliance of any Statutory provisions.
- (2) in respect of fines, penalties, punitive and/or exemplary damages.
- (3) arising under any other legislation except in so far as provided for in Section 8 Sub Section (1) and (2) of the Act.
- (4) in respect of damage to property owned, leased or hired or under hire purchase or on loan to the Insured or otherwise in the Insured Owner's control, care or custody.
- (5) directly or indirectly occasioned by, happening through or in consequence of war, invasion, act of foreign enemy, hostilities (whether war be declared or not), civil war, rebellion, revolution, insurrection or military or usurped power;
- (6) directly or indirectly caused by or contributed to by.
  - (a) ionising radiation or contamination by radioactivity from any nuclear fuel or from any nuclear waste from the combustion of nuclear fuel
  - (b) the radioactive, toxic, explosive or other hazardous properties of any explosive nuclear assembly or nuclear component thereof.

**4. CONDITIONS:**

The Insured owner shall give written notice to the Company as soon as reasonably practicable of any claim made against the Insured Owner or of any specific event or (1) circumstance that may give rise to a claim. The Insured Owner shall immediately give to the Company copies of notice of applications forwarded by the Collector and all

Insurance is the subject matter of the solicitation. For more details on risk factors, terms and conditions, please read sales brochure carefully before concluding a sale.

such additional information and or assistance that the company may require.

- (2) No admission, offer, promise or payments shall be made or given by or on behalf of the Insured owner under this policy without the written consent of the Company.
  - (3) The Company shall not be liable for any claim for relief made after five years from the date of occurrence of the accident.
  - (4) The Insured Owner shall keep record of annual turnover, and at the time of renewal of insurance declare such turnover and all other details as may be required by the Company. The Company shall at all reasonable times have full rights to call for and examine such records.
  - (5) If at the time of happening of any accident resulting in a claim under this policy there be any other insurance covering the same liability, then the Company shall not be liable to pay or contribute more than its ratable proportion of such liability.
  - (6) This policy may be cancelled by the Insured Owner by giving 30 days notice in writing to the company in which event the Company will retain premium at short period scale subject to there not having occurred an accident during the policy period which may give rise to a claims(s), failing which no refund of premium shall be allowable.
  - (7) This Policy may also be cancelled by the Insurer by giving 30 days notice in writing to the Insured Owner in which event the Company shall be liable to repay on demand a ratable proportion of the premium for the unexpired term from the date of cancellation.
- If the Company shall disclaim liability to the Insured Owner for any claim hereunder and such claim shall not within 12 calendar months from the date of such disclaimer
- (8) have been made the subject matter of a suit in a competent court of law, then the claim for the practical purposes shall be deemed to have been abandoned and shall not thereafter be recoverable hereunder or be made the subject matter of any suit.
- The Company shall not be liable to make any payment in respect of any claim if such claim shall be in any manner fraudulent or supported, by any person on behalf of the Insured Owner and/or if the insurance has been continued in consequence of any material misstatement or non-disclosure of any material information by or on behalf of the Insured Owner. In such a case if the Company pays any amount to the claimant due to any statutory provision such amount shall be recoverable from the Insured Owner.
- (9)
  - (10) The Policy and the Schedule shall be read together as one contract and any word or expression to which a specific meaning has been assigned in the Act and the Rules framed thereunder or in this Policy shall bear such specific meaning.
  - (11) Any dispute regarding interpretation of the terms, conditions and exclusions of this Policy shall be determined in accordance with the law and practice of a court of competent jurisdiction within India.

## GRIEVANCE REDRESSAL POLICY

### Grievance Lodgment Stage

The Company is committed to extend the best possible services to its customers. However, if you are not satisfied with our services and wish to lodge a complaint, please feel free to contact us through below channels:

**Call us** 24\*7 Customer Support Number 022 6489 8282

**Email us** at customersupport@tataaig.com

**Write to us at** : Customer Support, Tata AIG General Insurance Company Limited  
A-501 Building No.4 IT Infinity Park, Dindoshi, Malad (E), Mumbai - 400097

**Visit the Servicing Branch** mentioned in the policy document

### Nodal Officer

Please visit our website at [www.tataaig.com](http://www.tataaig.com) to know the contact details of the Nodal Officer for your servicing branch.

After investigating the grievance internally and subsequent closure, we will send our response within a period of 10 days from the date of receipt of the complaint by the Company or its office in Mumbai. In case the resolution is likely to take longer time, we will inform you of the same through an interim reply.

### Escalation Level 1

For lack of a response or if the resolution still does not meet your expectations, you can write to [manager.customersupport@tataaig.com](mailto:manager.customersupport@tataaig.com). After investigating the matter internally and subsequent closure, we will send our response within a period of 8 days from the date of receipt of your complaint.

### Escalation Level 2

For lack of a response or if the resolution still does not meet your expectations, you can write to the Head-Customer Services at [head.customerservices@tataaig.com](mailto:head.customerservices@tataaig.com). After examining the matter, we will send you our response within a period of 7 days from the date of receipt of your complaint. Within 30 days of lodging a complaint with us, if you do not get a satisfactory response from us and you wish to pursue other avenues for redressal of grievances, you may approach Insurance Ombudsman appointed by IRDA under the Insurance Ombudsman Scheme. Given below are details of the Insurance Ombudsman located at various centers.

**List of Insurance Ombudsman Offices**

Office of the Ombudsman	Address & Contact details	Jurisdiction of Office Union Territory, District
AHMEDABAD	Office of the Insurance Ombudsman, Jeevan Prakash Building, 6th Floor, Tilak Marg, Relief Road, Ahmedabad - 380 001. Tel.: 079 - 25501201/02/05/06 Email: <a href="mailto:bimalokpal.ahmedabad@ecoi.co.in">bimalokpal.ahmedabad@ecoi.co.in</a>	Gujarat, Dadra & Nagar Haveli, Daman and Diu.
BENGALURU	Office of the Insurance Ombudsman, Jeevan Soudha Building, PID No. 57-27-N-19 Ground Floor, 19/19, 24th Main Road, JP Nagar, Ist Phase, Bengaluru - 560 078. Tel.: 080 - 26652048 / 26652049 Email: <a href="mailto:bimalokpal.bengaluru@ecoi.co.in">bimalokpal.bengaluru@ecoi.co.in</a>	Karnataka
BHOPAL	Office of the Insurance Ombudsman, Janak Vihar Complex, 2nd Floor, 6, Malviya Nagar, Opp. Airtel Office, Near New Market, Bhopal - 462 003. Tel.: 0755 - 2769201 / 2769202 Fax: 0755 - 2769203 Email: <a href="mailto:bimalokpal.bhopal@ecoi.co.in">bimalokpal.bhopal@ecoi.co.in</a>	Madhya Pradesh Chattisgarh
BHUBANESHWAR	Office of the Insurance Ombudsman, 62, Forest park, Bhubneshwar - 751 009. Tel.: 0674 - 2596461 / 2596455 Fax: 0674 - 2596429 Email: <a href="mailto:bimalokpal.bhubaneswar@ecoi.co.in">bimalokpal.bhubaneswar@ecoi.co.in</a>	Orissa
CHANDIGARH	Office of the Insurance Ombudsman, S.C.O. No. 101, 102 & 103, 2nd Floor, Batra Building, Sector 17 - D, Chandigarh - 160 017. Tel.: 0172 - 2706196 / 2706468 Fax: 0172 - 2708274 Email : <a href="mailto:bimalokpal.chandigarh@ecoi.co.in">bimalokpal.chandigarh@ecoi.co.in</a>	Punjab, Haryana, Himachal Pradesh, Jammu & Kashmir, Chandigarh
CHENNAI	Office of the Insurance Ombudsman, Fatima Akhtar Court, 4th Floor, 453, Anna Salai, Teynampet, CHENNAI - 600 018. Tel.: 044 - 24333668 / 24335284 Fax: 044 - 24333664 Email : <a href="mailto:bimalokpal.chennai@ecoi.co.in">bimalokpal.chennai@ecoi.co.in</a>	Tamil Nadu, Pondicherry Town and Karaikal (which are part of Pondicherry).
DELHI	Office of the Insurance Ombudsman, 2/2 A, Universal Insurance Building, Asaf Ali Road, New Delhi - 110 002. Tel.: 011 - 23239633 / 23237532 Fax: 011 - 23230858 Email: <a href="mailto:bimalokpal.delhi@ecoi.co.in">bimalokpal.delhi@ecoi.co.in</a>	Delhi
GUWAHATI	Office of the Insurance Ombudsman, Jeevan Nivesh, 5th Floor, Nr. Panbazar over bridge, S.S. Road, Guwahati - 781001(ASSAM). Tel.: 0361 - 2132204 / 2132205 Fax: 0361 - 2732937 Email : <a href="mailto:bimalokpal.guwahati@ecoi.co.in">bimalokpal.guwahati@ecoi.co.in</a>	Assam, Meghalaya, Manipur, Mizoram, Arunachal Pradesh, Nagaland and Tripura
HYDERABAD	Office of the Insurance Ombudsman, 6-2-46, 1st floor, "Moin Court", Lane Opp. Saleem Function Palace, A. C. Guards, Lakdi-Ka-Pool, Hyderabad - 500 004. Tel.: 040 - 65504123 / 23312122 Fax: 040 - 23376599 Email : <a href="mailto:bimalokpal.hyderabad@ecoi.co.in">bimalokpal.hyderabad@ecoi.co.in</a>	Andhra Pradesh, Telangana, Yanam and part of Territory of Pondicherry.
JAIPUR	Office of the Insurance Ombudsman, Jeevan Nidhi - II Bldg., Gr. Floor, Bhawani Singh Marg, Jaipur-302 005. Tel.: 0141 - 2740363 Email: <a href="mailto:Bimalokpal.jaipur@ecoi.co.in">Bimalokpal.jaipur@ecoi.co.in</a>	Rajasthan
ERNAKULAM	Office of the Insurance Ombudsman, 2nd Floor, Pulinat Bldg., Opp. Cochin Shipyard, M. G. Road, Ernakulam - 682 015. Tel.: 0484 - 2358759 / 2359338 Fax: 0484 - 2359336 Email : <a href="mailto:bimalokpal.ernakulam@ecoi.co.in">bimalokpal.ernakulam@ecoi.co.in</a>	Kerala, Lakshadweep, Mahe-a part of Pondicherry
KOLKATA	Office of the Insurance Ombudsman, Hindustan Bldg. Annexe, 4th Floor, 4, C.R. Avenue, KOLKATA-700 072. Tel.: 033 - 22124339 / 22124340 Fax : 033 - 22124341 Email: <a href="mailto:bimalokpal.kolkata@ecoi.co.in">bimalokpal.kolkata@ecoi.co.in</a>	West Bengal, Sikkim, Andaman & Nicobar Islands
LUCKNOW	Office of the Insurance Ombudsman, 6th Floor, Jeevan Bhawan, Phase-II, Nawal Kishore Road, Hazratganj, Lucknow - 226 001. Tel.: 0522 - 2231330 / 2231331 Fax: 0522 - 2231310 Email : <a href="mailto:bimalokpal.lucknow@ecoi.co.in">bimalokpal.lucknow@ecoi.co.in</a>	Districts of Uttar Pradesh : Laitpur, Jhasi, Mahoba, Hamirpur, Banda, Chitrakoot, Allahabad, Mirzapur, Sonbhadra, Fatehpur, Pratapgarh, Jaunpur, Varanasi, Gazipur, Jalaun, Kanpur, Lucknow, Unnao, Sitapur, Lakhimpur, Bahraich, Barabanki, Raebareli, Sravasti, Gonda, Faizabad, Amethi, Kaushambi, Balrampur, Basti, Ambedkarnagar, Sultanpur, Maharajgang, Santkabirnagar, Azamgarh, Kushinagar, Gorkhpur, Deoria, Mau, Ghazipur, Chandauli, Ballia, Sidharathnagar

MUMBAI	Office of the Insurance Ombudsman, 3rd Floor, Jeevan Seva Annexe, S. V. Road, Santacruz (W), Mumbai - 400 054. Tel.: 022 - 26106552 / 26106960 Fax: 022 - 26106052 Email : bimalokpal.mumbai@ecoi.co.in	Goa, Mumbai Metropolitan Region excluding Navi Mumbai & Thane
NOIDA	Office of the Insurance Ombudsman, Bhagwan Sahai Palace, 4th Floor, Main Road, Naya Bans, Sector 15, Distt: Gautam Buddh Nagar, U.P-201301. Tel.: 0120-2514250 / 2514252 / 2514253 Email : bimalokpal.noida@ecoi.co.in	State of Uttaranchal and the following Districts of Uttar Pradesh : Agra, Aligarh, Bagpat, Bareilly, Bijnor, Budaun, Bulandshehar, Etah, Kanooj, Mainpuri, Mathura, Meerut, Moradabad, Muzaffarnagar, Oraiyya, Pilibhit, Etawah, Farrukhabad, Firozbad, Gautambodhanagar, Ghazaibad, Hardoi, Shahjahanpur, Hapur, Shamli, Rampur, Kashganj, Sambhal, Amroha, Hathras, Kanshiramnagar, Saharanpur
PATNA	Office of the Insurance Ombudsman, 1st Floor, Kalpana Arcade Building, Bazar Samiti Road, Bahadurpur, Patna 800 006. Tel.: 0612-2680952 Email: bimalokpal.patna@ecoi.co.in	Bihar, Jharkhand
PUNE	Bhagwan Sahai Palace , 4th Floor, Main Road, Naya Bans, Sector 15, G.B. Nagar, Noida. NOIDA – 201301 Tel: 0120-2514250/51/53 Email: bimalokpal.noida@gbic.co.in	Maharashtra, Area of Navi Mumbai and Thane excluding Mumbai Metropolitan Region