



TELANGANA STATE POLLUTION CONTROL BOARD

CONSENT ORDER FOR ESTABLISHMENT

ORDER NO. 230124694975

DATED: 04/09/2023.

SUB: TSPCB-Consent for Establishment-M/s. SYNGENE SCIENTIFIC SOLUTIONS LIMITED , S.F. No. , Kolthur village, Shamirpet Taluk and Medchal ii District - Consent for Establishment 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. In the reference cited, an application was submitted to the Board seeking Consent for Establishment (CFE) of the Board to establish, with a project cost of Rs. to manufacture following products/activity.

S.No.	Product	Capacity	Unit
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2. As per the application, proposed products are to be manufactured/activity to be carried out atSyngene scientific solutions limited , S.F. No. , Kolthur village, Shamirpet Taluk and Medchal ii District

3. The above site was inspected by & Asst. Environmental Engineer, Regional office,T.S Pollution Control Board and observed tha the site is surrounded by

NORTH	
SOUTH	
EAST	
WEST	

- 4.
5. This Consent Order now issued is subject to the conditions mentioned in Schedule 'A' and Schedule 'B'.
6. This order is issued from pollution control point of view only. Zoning and other regulations are not considered.

MEMBER SECRETARY

To
Site head,M/s.SYNGENE SCIENTIFIC SOLUTIONS LIMITED,
MEDCHAL II Shamirpet Kolthur,
Pin: 500078

Copy to :

SCHEDULE 1½ A

SCHEDULE - B

MEMBER SECRETARY

To
Site head,M/s.SYNGENE SCIENTIFIC SOLUTIONS LIMITED,
MEDCHAL II Shamirpet Kolthur,
Pin: 500078



TELANGANA STATE POLLUTION CONTROL BOARD
ZONAL OFFICE: HYDERABAD

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

CONSENT ORDER FOR ESTABLISHMENT – RED CATEGORY

Order No. 1749-RR-II/TSPCB/ZO-HYD/TS-iPASS/CFE/2022 - 370 Date:04.09.2023

Sub: TSPCB – ZOH – TS-iPASS - CONSENT FOR ESTABLISHMENT (CFE) for expansion – M/s. Syngene Scientific Solutions Limited, Building No. 2727, 4545, GV Research Centers Pvt. Ltd., Plot No. 3, Sy. No. 542/P, Phase-II, Genome Valley, Kolthur (V), Shameerpet (M), Medchal-Malkajgiri District - Consent for Establishment of the Board under Sec.25 of Water (Prevention and Control of Pollution) Act, 1974 and under Sec.21 of Air (Prevention and Control of Pollution) Act, 1981 – Issued – **Reg.**

- Ref:**
1. Industry's CFO Order No. 1749-RR-II/TSPCB/ZOH/TS-iPASS/CFO/2022-825, dt:22.02.2022, valid up to 31.01.2027.
 2. Industry's CFE for expansion application received through TS-iPASS online portal on 08.08.2023 at TSPCB, Regional Office, Medchal.
 3. TSPCB, Regional Office, Medchal verification report dated 29.08.2023 and received by Zonal Office, Hyderabad on 29.08.2023.
 4. CFE Committee meeting held on 02.09.2023 at TSPCB, Zonal Office, Hyderabad.

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1. In the reference 2nd cited, an application was submitted to the Board seeking Consent for Establishment (CFE) for expansion of activities as mentioned below, with an investment of **Rs.392.0 Crores (total after expansion)**.

Name of the Products and By-products			
S. No	Existing activity (as per CFO order dt.22.02.2023)	Proposed Expansion	Total (After Expansion)
1.	Research Laboratory including research services in the area of building blocks, process chemistry, R & D services (Discover Chemistry and Chemical Development) and Development of Fine Organic Compounds.) (Not for commercial Purpose). (Built-up area-10,000 sq. ft.)	Research Laboratory including research services in the area of building blocks, process chemistry, R & D services (Discover Chemistry and Chemical Development) and Development of Fine Organic Compounds.) (Not for commercial Purpose). (Additional Built-up area- 1,04,000 Sq. ft.)	Research Laboratory including research services in the area of building blocks, process chemistry, R & D services (Discover Chemistry and Chemical Development) and Development of Fine Organic Compounds.) (Not for commercial Purpose). (Total Built-up area- 1,14,000 Sq. ft.)

2. As per the application, the above expansion activity is to be located in the existing premises with additional builup area at **Building No. 2727, 4545, GV Research Centers Pvt. Ltd., Plot No. 3, Sy. No. 542/P, Phase-II, Genome Valley, Kolthur (V), Shameerpet (M), Medchal-Malkajgiri District.**
3. The above site was inspected by the Asst. Environmental Engineer-II, Regional Officer, Medchal, T.S. Pollution Control Board on 18.08.2023 and found that the industry is surrounded by **East:** Main Road; **West:** Proposed M/s. GV Research Centers Pvt. Ltd., 4500 building followed by M/s. Biological E Limited; **South:** Empty open land; & **North:** Existing M/s. Syngene International Ltd., at 2727.

4. The Board, after careful scrutiny of the application, verification report of Regional Office, Medchal, recommendation by the CFE Committee meeting held on **02.09.2023** at TSPCB, Zonal Office, Hyderabad, hereby issues CONSENT FOR ESTABLISHMENT (CFE) for expansion to the industry, under Section 25 of Water (Prevention and Control of Pollution) Act, 1974 and under Section 21 of Air (Prevention and Control of Pollution) Act, 1981 and the rules made there under. This Order is issued to manufacture the products mentioned at para (I) only.
5. This Consent Order now issued is subject to the conditions mentioned in Schedule 'A' and Schedule 'B'.
6. This order is issued from pollution control point of view only. Zoning and other regulations are not considered.

 
JOINT CHIEF ENVIRONMENTAL ENGINEER

Encl: Schedules "A & B".

To
M/s. Syngene Scientific Solutions Limited,
Building No. 2727, 4545, GV Research Centers Pvt. Ltd.,
Plot No. 3, Sy. No. 542/P, Phase-II, Genome Valley,
Kolthur (V), Shameerpet (M),
Medchal-Malkajgiri District.
Email Id: sarat.sarvasiddhi@syngeneintl.com

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

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

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

SCHEDULE – A

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

SCHEDULE – B

1. The industry shall not provide pilot plant activity and shall not go for commercial production without permission of the Board.
2. The source of water is Water supply will be provided by M/s. GV Research Centers Pvt. Ltd., and the maximum permitted water consumption shall not exceed the following quantities:

S. No.	Purpose	Existing (as per CFO order dt.22.02.2023)	Proposed Expansion	Total Consumption (After Expansion)
1.	Process & Washings	16.0 KLD	11.0 KLD	27.0 KLD
2.	Scrubbers	2.5 KLD	2.5 KLD	5.0 KLD
3.	Domestic	30.0 KLD	13.0 KLD	43.0 KLD
	Total	30.0 KLD	26.5 KLD	75.0 KLD

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

S. No.	Wastewater generation	Existing (as per CFO order dt.22.02.2023)	Proposed Expansion	Total generation (After Expansion)
1.	Process & Washings	16.0 KLD	11.0 KLD	27.0 KLD
2.	Scrubber effluents	2.5 KLD	2.5 KLD	5.0 KLD
3.	Domestic	24.0 KLD	10.0 KLD	34.0 KLD
	Total	42.5 KLD	23.5 KLD	66.0 KLD

Effluent source	Quantity (After Expansion)	Standards to be complied	Mode of final disposal
Process & Scrubber effluents	27.0 KLD 5.0 KLD	Inlet parameters of CETP prescribed by the Board.	Shall be sent to Pre-treatment facility provided by M/s. GV Research Centers Pvt. Ltd for pre-treatment. After pre-treatment, shall be lifted to CETP, JETL for further treatment and disposal.
Domestic	34.0 KLD	pH - 5.5-9.00, Total Suspended Solids - 200.00 mg/l, Oil and Grease - 10.00 mg/l, Biochemical Oxygen Demand (3 days at 27 ⁰ C) - 30.00 mg/l.	Shall be sent to STP provided by M/s. GV Research Centers Pvt. Ltd. After treatment, these treated water shall be used for on land application within the premises.

- The industry shall regularly send the process & washings and scrubbers effluents to common pretreatment facility of M/s. GV Research Centers Pvt. Ltd. After pretreatment, shall be lifted to CETP, JETL, Jeedimetla by duly complying with the inlet standards of the CETP prescribed by the Board.
- The industry shall provide minimum 7 days storage capacity of effluent on the above ground level with in premises.
- The industry shall send the domestic effluents to Common Sewage Treatment Plant of M/s. GV Research Centers Pvt. Ltd. After pretreatment, the treated water shall be utilized for onland for gardening within the premises duly complying the standards stipulated by the Board.
- The industry shall provide digital flow meters with totalizer for assessing the qualities of waste water disposed into common effluents collection tank of M/s. GV Research Centers Pvt. Ltd & shall maintain the register.
- The Solid wastes generated shall not exceed the following breakup quantities:

Sl. No	Name of the Hazardous / Solid waste	Existing Quantity	Proposed Expansion Quantity	Total Quantity (After Expansion)	Hazardous / as defined under HWM Rules, 2016	Method of Disposal
1	Spent Solvent	60 TPM	10 TPM	70 TPM	28.6 of Sch-I	Shall be sent to authorized recovery units / AFRF facilities for pre-processing / re-cyclers through M/s. GV Research Centers Pvt. Ltd.
2	Spent Catalyst	0.1 TPM	0.1 TPM	0.2 TPM	28.2 of Sch-I	
3	Thermacoal waste	0.5 TPM	0.5 TPM	1.0 TPM	--	Shall be disposed to TSDF, Dundigal / AFRF facilities for pre-processing/ co-processing through M/s. GV Research Centers Pvt. Ltd.
4	Used & Expired Chemicals	2 TPM	1 TPM	3 TPM	28.5 of Sch-I	
5	Used PPE	0.5 TPM	0.5 TPM	1.0 TPM	33.1 of Sch-I	
6	Used Silica	1 TPM	1 TPM	2 TPM	--	
7	Used glassware, containers & container liners	4 TPM	4 TPM	8 TPM	33.1 of Sch-I	After complete detoxification will be sent to authorized recycling unit through M/s. GV Research Centers Pvt. Ltd.

8	Organic Residue	3.0 TPM	--	3.0 TPM	28.1 of Sch-I	Shall be disposed to TSDF, Dundigal / AFRF facilities for pre-processing / co-processing through M/s. GV Research Centers Pvt. Ltd.
9	Waste Oil	1 KL/ Annum	--	1 KL/ Annum	5.1 of Sch-I	Shall be sent to authorized recycling units/reprocessors through M/s. GV Research Centers Pvt Ltd.
10	Used Lead Acid Batteries	6 nos/ Annum	24 nos/ Annum	30 nos/ Annum	28.5 of Sch-I	Shall be sent to authorized battery recyclers through M/s. GV Research Centers Pvt. Ltd.
11	Process residue & rejected material	1 TPM	--	1 TPM	28.1 of Sch-I	Shall be disposed to TSDF, Dundigal / AFRF facilities for pre-processing / co-processing through M/s. GV Research Centers Pvt. Ltd.
12	Used tissue papers/ corrugated waste/Aluminum foil	1 TPM	1 TPM	2 TPM	--	Shall be disposed to MSW facility / co-processing through M/s. GV Research Centers Pvt. Ltd.,
13	Municipal Solid Waste	45 TPA	45 TPA	90 TPA	--	Shall be disposed to MSW Facility through M/s. GV Research Centers Pvt. Ltd.
14	E-Waste	100 Kg/ annum	100 Kg/ annum	200 Kg/ annum	--	Shall be sent to authorized E Waste recyclers through M/s. GV Research Centers Pvt. Ltd.
15	Biomedical Waste	15 Kg/month from OHC	--	15 Kg/month from OHC	--	Shall be sent to authorized Bio-Medical Waste Treatment Facility through M/s. GV Research Centers Pvt. Ltd.

9. The industry shall collect the Hazardous waste properly & lift these wastes as per disposal option mentioned above.
10. The industry shall suck the fumes emanated during the various chemical reactions in the fume hoods and pass them through a wet scrubber before letting into atmosphere through common stack.
11. The industry shall not discharge any waste water to outside the factory premises.
12. The industry shall not cause any air pollution/odour nuisance to the surrounding environment.
13. The industry shall not dispose the solid waste outside the factory premises.
14. The industry shall develop thick green belt all along the boundary of the unit and also in the vacant places with all tall growing trees with wide leaf area.
15. The industry shall not manufacture any extra products or extra capacities without obtaining CFE/CFO of the Board.

16. The industry shall not take up trial production without obtaining Consent for Operation of the Board.
17. Rain Water Harvesting (RWH) structure (s) shall be established on the plant site so that the ground water is recharged by the storm water.
18. The following rules and regulations notified by the MoE&F, GoI shall be implemented:
 - a) Solid Waste Management Rules, 2016.
 - b) Construction and Demolition Waste Management Rules, 2016.
 - c) Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 & its amendments.
 - d) Battery Waste Management Rules, 2022.
 - e) E-Waste Management Rules, 2022.
 - f) Bio-Medical Waste Management Rules, 2016 & its amendments.
 - g) Plastic Waste Management Rules, 2016 & its amendments.
19. The industry shall comply with Rules & Regulations notified by Ministry of Law and Justice, Govt. of India, regarding the Public Liability Insurance Act, 1991.
20. The industry shall comply with all the directions issued by the Board from time to time.
21. This Order is issued to the industry without prejudice to the action taken by the Task Force of the Board.

 **JOINT CHIEF ENVIRONMENTAL ENGINEER**



To
M/s. Syngene Scientific Solutions Limited,
Building No. 2727, 4545, GV Research Centers Pvt. Ltd.,
Plot No. 3, Sy. No. 542/P, Phase-II, Genome Valley,
Kolthur (V), Shameerpet (M),
Medchal-Malkajgiri District.