



TELANGANA STATE POLLUTION CONTROL BOARD

CONSENT ORDER FOR ESTABLISHMENT

ORDER NO. 210123066126

DATED: 22/06/2021.

SUB: TSPCB-Consent for Establishment-M/s. PULSE PHARMCEUTICALS PVT. LTD , S.F. No. Sy.No.542/2 , Plot No:DS-17, Turkapally 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 atPulse pharmaceuticals pvt. ltd , S.F. No. Sy.No.542/2 , Plot No:DS-17, Turkapally 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
The Managing Director,M/s.PULSE PHARMCEUTICALS PVT. LTD,
MEDCHAL II,Shamirpet,Turkapally,Sy.No.542/2 , Plot No:DS-17,Turkapally,500101,
Pin: 500101

Copy to :

SCHEDULE – A

SCHEDULE - B

MEMBER SECRETARY

To
The Managing Director,M/s.PULSE PHARMCEUTICALS PVT. LTD,
MEDCHAL II,Shamirpet,Turkapally,Sy.No.542/2 , Plot No:DS-17,Turkapally,500101,
Pin: 500101



TELANGANA STATE POLLUTION CONTROL BOARD
ZONAL OFFICE: HYDERABAD

D. Krupanand
Joint Chief Environmental Engineer

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

DESPATCHED
ON 21/06/2021

CONSENT ORDER FOR ESTABLISHMENT – RED CATEGORY

Order No. 1726-RR-II/TSPCB/ZO-HYD/TS-iPASS/CFE/2021-155 **Date: 21.06.2021**

Sub: TSPCB – ZOH – TS-iPASS - CONSENT FOR ESTABLISHMENT (CFE) – **M/s. Pulse Pharmaceuticals Pvt. Ltd., Plot No: DS-17, Sy.No. 542/2, Genome Valley, Turkapally (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 CFE application received through TS-iPASS online portal on 15.05.2021 at TSPCB, RO, Medchal-Malkajgiri District.
2. TSPCB, Regional Office, Medchal-Malkajgiri District verification report dated 10.06.2021 and received by Zonal Office, Hyderabad on 10.06.2021.
3. CFE Committee meeting held on 18.06.2021 at TSPCB, Zonal Office, Hyderabad.

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1. In the reference cited, an application was submitted to the Board seeking Consent for Establishment (CFE) to setup R & D unit as mentioned below, with an investment of **Rs. 1618.3 Lakhs.**

Sl. No.	Product & By product
1.	R&D Facility for Discovery, Product Development, Scale up & Tech-Transfer inform of Conventional & Novel Drug Delivery Systems, APIs and Bio-Pharmaceuticals (No Commercial Production)

2. As per the application, the above activity is to be located at **Plot No: DS-17, Sy.No. 542/2, Genome Valley, Turkapally (V), Shameerpet (M), Medchal – Malkajgiri District.**
3. The above site was inspected by the Asst. Environmental Engineer-III, Regional Office, Medchal-Malkajgiri District, T.S. Pollution Control Board on 03.06.2021 and found that the industry is surrounded by **East:** Admin Building of M/s.IKP Knowledge Square Parks, **West:** Open Land followed by MN Park, **South:** Open Land followed by Lalgadi Malakpet Cheruvu at a distance of 90 meters, **North:** M/s.Laurus Labs Pvt. Ltd.
4. The Board, after careful scrutiny of the application, verification report of Regional Office, Medchal-Malkajgiri District, recommendation by the CFE Committee meeting held on **18.06.2021** at TSPCB, Zonal Office, Hyderabad, hereby issues **CONSENT FOR ESTABLISHMENT** to the industry, under Section 25 of Water (Prevention and Control of Pollution) Act, 1974 and under Section 21 of Air (Prevention and Control of Pollution) Act, 1981 and the rules made there under. This Order is issued to manufacture the products mentioned at para (I) only.

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


JOINT CHIEF ENVIRONMENTAL ENGINEER

Encl: Schedules "A & B".

To
Katragradda Venkata Rambabu, Managing Director
M/s. Pulse Pharmaceuticals Pvt. Ltd.,
Plot No: DS-17, Sy.No. 542/2, Genome Valley,
Turkapally (V), Shameerpet (M),
Medchal – Malkajgiri District.
Email: rameshreddy.rondla@pulsepharma.net
Mobile No: 7702284130

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-Malkajgiri District for information and necessary action.

SCHEDULE – A

1. Separate meters with necessary pipe-line shall be provided for assessing the quantity of water used for each of the purposes mentioned below.
 - a. Industrial cooling.
 - b. Domestic purposes.
 - c. Processing whereby water gets polluted and pollutants are easily bio-degradable.
2. The industry shall provide a minimum stack height (H) to the DG sets as per the following formula.
$$H = h + 0.2 \text{ SQRT (KVA)}$$

KVA = Total generation capacity, h = Height of building where DG Set is installed.
3. 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 measured from a distance of 5mtrs from the DG Set.
4. The industry shall install and commission appropriate control and ventilation system for controlling the air pollution.
5. The industry shall take appropriate measures to ensure that the ground level concentrations shall comply with revised National Ambient Quality Norms notified by MoE&F, GoI on 16.11.2009.
6. 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. The applicant shall maintain good house keeping both within the factory and in the premises. All pipe valves, sewers, and drains shall be leak proof.
7. The solid waste arising in the premises shall be properly collected and disposed off.
8. There shall not be any perceptible odour outside the industry's premises.
9. All the rules and regulations notified by Ministry of Environment and Forests, Govt. of India in respect of noise pollution control measures shall be followed to avoid nuisance to public.
10. The proponent shall take measures to comply with the provisions laid down under Noise pollution (Regulation and Control) Amendment Rules, 2010 dated 11.01.2010 issued by MoE&F, GoI to control the noise to the prescribed levels.
11. The applicant shall obtain Consents for operation regularly from TSPCB, 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, for operation of the industry, before starting trial production. The Consent for Operation will be accorded only after ensuring compliance of all the conditions stipulated in this order.
12. The applicant shall comply with and carryout conditions issued by the Board in this consent order scrupulously. The applicant is liable for legal action as per the provisions of the relevant Acts in case of non-compliance of any conditions of the consent order.
13. 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 review any or all the conditions imposed herein and to make such alternation as deemed fit and stipulate any additional conditions for the purpose of the Act by the Board.
14. The applicant shall exhibit the consent of the Board in the factory premises at a conspicuous place for the information of the inspecting officers of different departments.
15. Telangana State Pollution Control Board reserves the right to review, impose additional condition or conditions, revoke, change or alter the terms and conditions of this Order. Also the Board reserves the right to withdraw the CFE without any prejudice/ notice on receiving any complaints by the Board regarding Environmental Pollution problems caused by the industry.
16. The industry is liable to pay compensation for any environmental damage caused by it, as fixed by the Collector and District Magistrate as civil liability.

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 industry shall comply with Rules & Regulations notified by Ministry of Law and Justice, Govt. of India, regarding the Public Liability Insurance Act, 1991.
19. 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 Telangana State Water rules, 1976 and Air Rules 1982, to such authority (herein after referred to as the Appellate Authority) constituted under Section 28 of the Water (prevention and Control of Pollution) Act, 1974 and Section 31 of the Air (Prevention and Control of Pollution) Act, 1981.

SCHEDULE – B

1. This order is valid for a period of 5 years from the date of issue.
2. The proponent shall report progress on implementation of the project to this office and T.S. Pollution Control Board, Regional Office, Medchal-Malkajgiri District regularly.
3. The industry shall not provide pilot plant activity and shall not go for commercial production without permission of the Board.
4. The source of water is IKP Knowledge Park and the maximum permitted water consumption shall not exceed the following quantities:

S. No.	Purpose	Total Consumption (KLD)
1.	Process	1.5 KLD
2.	Washings	1.5 KLD
3.	Cooling water Makeup	2.0 KLD
4.	Domestic	5.0 KLD
	Total	10.0 KLD

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

S. No.	Wastewater generation	Total Generation (KLD)
1.	Process	1.0 KLD
2.	Washings	1.2 KLD
3.	Cooling Bleed off	1.0 KLD
4.	Domestic	4.0 KLD
	Total	7.2 KLD

Effluent source	Standards to be complied	Mode of final disposal
Process (1.0 KLD)	Inlet standards of CETP as prescribed by the Board.	After pre-treatment, shall be sent to CETP, M/s. JETL, Jeedimetla, Medchal-Malkajgiri District for further treatment & disposal.
Washings (1.2 KLD)		
Cooling Bleed off (1.0 KLD)		
Domestic (4.0 KLD)	pH - 5.5-9.0, Total Suspended Solids - 200.0 mg /l, Oil & Grease - 10.0 mg /l, Biochemical Oxygen Demand (3 days at 27 ⁰ C) - ≤ 10 mg/lit.	After treatment in STP, the treated domestic wastewater is used for greenbelt development within the industry premises.

6. The industry shall have minimum of 7 days storage capacity of effluents on above ground level, with-in the premises.
7. The industry shall obtain membership with M/s. CETP of M/s. JETL, Jeedimetla, Medchal-Malkajgiri District for treatment and disposal of effluents generated by the industry.
8. The industry shall send the effluents from process, washings & cooling bleed off, after pretreatment to CETP i.e., M/s. CETP of M/s. JETL, Jeedimetla, Medchal-Malajgiri District for further treatment and disposal duly meeting the inlet standards stipulated by the Board.

9. The industry shall regularly send the domestic effluents to the Sewage Treatment Plant (STP) for further treatment. After treatment, the treated effluents shall be used for gardening duly meeting the prescribed standards.
10. The industry shall provide digital flow meter with totalizer for assessing the quantity of waste water, water consumption.
11. The industry shall install wet scrubber as Air Pollution Control Equipment (APCE) to suck the fumes emanated during various chemical reactors in the fume cupboards and shall pass them through wet scrubber before letting into the atmosphere through common stack.
12. The industry shall not discharge any waste water to outside the factory premises.
13. The industry shall comply with the following for controlling air pollution:

S. No.	Details of Stack	Stack 1
a)	Attached to	DG Set
b)	Capacity	250 KVA
c)	Fuel	Diesel
d)	Stack height from GL	$H = h + 0.2 (KVA)^{0.5}$ H = height of the stack from GL in mtrs. h = height of the building where DG set is installed, in mtrs.
f)	Details of Air Pollution Control Equipment	Acoustic Enclosure.
g)	Standards to be complied	SPM – 115 mg/Nm ³

14. The Solid wastes generated shall not exceed the following breakup quantities:

S. No.	Name and of the Hazardous / Solid waste	Hazardous / as defined under HWM Rules, 2016	Quantity	Method of Disposal
1	Used and Expired chemicals	28.5 of Sch-I	100 kg/Annum	Shall be sent to M/s.TSDF, Dundigal for safe disposal.
2	Process Residue and Rejected material	28.1 of Sch-I	500 kg/Annum	
3	Organic Residue	28.1 of Sch-I	200 kg/Annum	
4	Mixed Spent Solvents	28.6 of Sch-I	150 Kg/annum	Shall be sent to authorized solvent recovery units.
5	Used Oil	5.1 of Sch-I	300 Ltrs/ annum	Shall be sent to authorized recovery units / reprocessors.
6	Used Lead Batteries	17 of Sch-IV	10 No's / Annum	Shall be sent to Authorized Battery Recyclers.
7	Used PPE	33.1 of Sch-I	5 Kg/annum	Shall be sent to M/s. TSDF, Dundigal for safe disposal.
8	Used Silica	28.1 of Sch-I	50 Kg/annum	
9	ETP Sludge after pre-treatment	35.3 of Sch-I	20 Kg/annum	
10	Used Glassware, Containers & Container Liners	33.1 of Sch-I	950 Kg/annum	After complete detoxification will be Sent to authorized recycling units.
11	Used tissue papers / corrugated waste / Aluminum foil	--	200 Kg/annum	Shall be sent to authorized recovery units / reprocessors.

15. The industry shall not cause any air pollution/odour nuisance to the surrounding environment.
16. The industry shall not dispose the solid waste outside the factory premises.
17. The industry shall develop 33% of the total area as thick green belt all along the boundary of the unit and also in the vacant places with all tall growing trees with wide leaf area.
18. The industry shall comply with all the Rules and Regulations specified in Water (P&C of P) Act, 1974, Air (P&C of P) Act, 1981 and Hazardous and other Wastes (Management, Transboundary Movement) Rules, 2016 and amendments thereof.
19. The industry shall not manufacture any extra products or extra capacities without obtaining CFE/CFO of the Board.
20. The industry shall not take up trial production without obtaining Consent for Operation of the Board.
21. Rain Water Harvesting (RWH) structure (s) shall be established on the plant site so that the ground water is recharged by the storm water.
22. The industry shall comply with Rules & Regulations notified by Ministry of Law and Justice, Govt. of India, regarding the Public Liability Insurance Act, 1991.
23. The following rules and regulations notified by the MoE&F, GoI shall be implemented:
 - a. Solid Waste Management Rules, 2016.
 - b. Construction and Demolition Waste Management Rules, 2016.
 - c. Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 & its amendments.
 - d. Batteries (Management & Handling) Amendment Rules, 2010 & its amendments.
 - e. E-Waste (Management) Rules, 2016.
 - f. Bio-Medical Waste Management Rules, 2016 & its amendments.
 - g. Plastic Waste Management Rules, 2016 & its amendments.
24. The industry shall comply with all the directions issued by the Board from time to time.
25. 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.
26. The Board reserves its right to modify above conditions or stipulate any further conditions and to take action including revoke of this order in the interest of environment protection.
27. 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. Pulse Pharmaceuticals Pvt. Ltd.,
Plot No: DS-17, Sy.No. 542/2, Genome Valley,
Turkapally (V), Shameerpet (M),
Medchal – Malkajgiri District.