



Date: 15.05.2026

To

The Regional Officer,

Integrated Regional Office,
Ministry of Environment and Forest and Climate Change
Kendriya Sadan, 4th Floor, E&F Wings,
17th Main Road, Koramangala II Block,
Bangalore – 560 034

Sub: Submission of half-yearly Environmental Clearance condition wise compliance for the period October, 2025 to March, 2026 for the Bulk Drugs & Drug Intermediates manufacturing unit by **M/s. Virupaksha Organics Ltd.** located at Plot No.: 100 (P2), Sy. No.: 223, Humnabad Industrial Area, Gadvanthi Village, Humnabad Taluk, Bidar District, Karnataka State _ Reg

Ref: EC Order No.: SEIAA: 43: IND: 2010 Dated: 03.10.2013

Status: The unit is not in Operation.

Respected Sir,

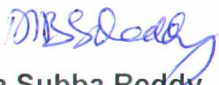
With reference to the above, we are here with submitting the half-yearly compliance report in respect of the stipulated prior Environmental Clearance terms and conditions for M/s. Virupaksha Organics Ltd. located at Plot No.: 100 (P2), Sy. No.: 223, Humnabad Industrial Area, Gadvanthi Village, Humnabad Taluk, Bidar District, Karnataka State for the period October, 2025 to March, 2026.

We are enclosing here with the supporting documents for your reference.

Thanking you,

Yours faithfully,

for **M/s. Virupaksha Organics Limited**


Mr. M. Bala Subba Reddy

(Authorised Signatory)



No. SEIAA: 43: IND: 2010

**STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY,
KARNATAKA STATE**

(Constituted by Ministry of Environment & Forests, Government of India)

Department of Ecology and Environment
Room No.709, 7th Floor, IV-Gate,
M.S. Building, Bangalore-560 001,
Date: 3rd October 2013.

To

M/s. Virupaksha Organics Ltd.,
Plot No. F-7, IDA, Gandhinagar,
Hydreabad -500 037,
Andhra Pradesh.

Phone No: +91-40-23075816,

Fax No: +91-40-23720738

Email: info@virupaksha.com

Sir,

Sub: Manufacture of bulk drugs and intermediates of total capacity 76 TPM at Plot No. 100 (P2), Sy. No. 223, Gadvanthi Village, Humnabad Industrial Area, Bidar District of M/s. Virupaksha Organics Ltd., - Issue of Environmental Clearance- reg.

This has reference to your applications No. VOL/EC/01/2010 dated. 03.11.2010 addressed to SEIAA, Karnataka and subsequent letters addressed to SEIAA/SEAC, Karnataka seeking prior environmental clearance for the above project under the EIA Notification, 2006. The proposal has been appraised as per prescribed procedure in the light of the provisions under the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., the Application in Form 1, Risk Assessment Report, material balance of each proposed drug, project report for manufacture of proposed drugs and the additional clarifications furnished in response to the observations of the SEAC, Karnataka. The proposal is for manufacturing the following bulk drugs and intermediates:

Sl. No	Bulk Drugs & Intermediates	Production capacity (TPM)
1	Atenolol	10
2	Citalopram Hydrobromide	3
3	Es-citalopram Oxalate	3
4	Fexofenadine HCl	7.5
5	Fluconazole	8
6	Fluconazole tech	5
7	Fulrbiprofen	0.67
8	Sertraline HCl	0.5

10	Sumatriptan Succinate	0.2
11	Tramadol HCl	15
12	2-methyl-2-phenyl propane-1-ol	5
13	Methyl-4-4(4 Hydroxy diphenyl methyl)-piperidiny-1-oxobutyl,2-2-dimethyl phenyl acetic acid (Fexofinadine Base)	4
14	α , α - dimethyl -4-(4-(4-(Hydroxy diphenyl (Methyl)-Piperidiny-1-Hydroxy butyl phenyl acetic acid (Fexofinadine Base).	4
15	2, 4 difluoro-2-(1H)-1,2,4-triazol-1-yl-acetophenone(DFTA)	5
16	1-[2-(2,4-Difluorophenyl)-2,3-epoxy propyl]-1H-1,2,4-triazole methane sulfonate(Epoxy)	5
Total		76

It is, inter-alia, noted that M/s. Virupaksha Organics Ltd., have proposed for manufacture of bulk drug and intermediates of total capacity 76 TPM. The total land area is 3.95 acres, out of which 1.4635 acre is built up area, 0.4 acres is for road and 2.09 acres is for green belt area. Total water consumption is 131.75 KLD will be met from borewell, out of which 4 KLD is for domestic purpose, 23.75 KLD is for process, 6 KLD is for washings, 10 KLD is for boiler, 2 KLD is for R&D, 7 KLD is for scrubber, 72 KLD is for cooling tower and 7 KLD is for green belt. Power requirement is 450 KVA. DG sets of 1 X 225 KVA will be installed for emergency power back-up. It is proposed to install 3 TPH of coal fired boiler. The total cost of the project is ₹ 476.5 Lakhs.

The wastewater generation will be 56.83 KLD of which 3 KLD will be the domestic sewage and 53.83 KLD will be the industrial effluent. The effluent will be treated in ETP followed by MEE (Multiple Effective Evaporator). The total quantity of solid & hazardous wastes generated area 1.5 TPD ash from boiler will be sold to brick manufactures, 0.57 TPD solvent residue will be sent to TDSF/cement units, 1.5 TPD evaporation salts will be sent to TDSF, 0.61 TPD process residue will be sent to cement units, 74 KG/day carbon will be for incineration in boiler, 14 Kg/day inorganic residue will be sent to TDSF/cements units, 20 Kg/day ETP sludge will be sent to TDSF, 30 Kg/day municipal waste will be disposed to municipal solid waste/vermin compost bed, 750 Nois/year Detoxified containers will be sold to authorized vendors, 120 Ltrs/year waste oil and 1 Nos of used batteries will be sent to authorized recyclers.

The project proposal has been considered by SEAC and ToRs were issued on 19.07.2011 for conducting Environment Impact Assessment Study. The project is located within the notified industrial area and hence does not require public consultation. The EIA has been conducted by M/s. Team Labs and consultants, B-115 & 509, Annapurna Block, Aditya Enclave, Ameerpet, Hyderabad - 500 038 who is NABET, QCI accredited.

Based on the information submitted by you, presentation made by you and your consultants M/s. Team Labs and consultants, B-115 & 509, Annapurna Block, Aditya Enclave, Ameerpet, Hyderabad - 500 038 who is NABET, QCI accredited. The State Level Expert Appraisal Committee (SEAC) examined the proposal in the meeting held on 17th - 18th June 2011, 20th - 21st July 2012, 18th - 19th January 2013, 20th, 21st & 23rd September 2013 and

has recommended for issue of Environmental Clearance to manufacture above said products except the following products:

Sl. No.	Bulk Drugs & Intermediates	Production capacity (TMP)
1	Citalopram Hydrobromide	3
2	Es-citalopram Oxalate	3
3	Fulrbipirofen	0.67
4	Sumatriptan Succinate	0.2
Total		6.87

The SEIAA Karnataka has considered the project in its meeting held on 30th September 2013 and after due consideration of the relevant documents submitted by the project proponent and additional clarifications furnished in response to its observations and the appraisal and recommendation of the SEAC, have accorded environmental clearance to manufacture the above said products except the following products as per the provisions of Environmental Impact Assessment Notification-2006 and its subsequent amendments, subject to strict compliance of the terms and conditions:-

Sl. No.	Bulk Drugs & Intermediates	Production capacity (TMP)
1	Citalopram Hydrobromide	3
2	Es-citalopram Oxalate	3
3	Fulrbipirofen	0.67
4	Sumatriptan Succinate	0.2
Total		6.87

Part A- SPECIFIC CONDITIONS

1. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended time to time shall be followed by the unit.
2. The industrial effluent generation shall not exceed 53.83 KLD and it shall be treated in ETP. The domestic sewage shall be disposed through septic tank/soak pit.
3. No ground water shall be used without prior permission from the Central Ground Water Authority/Karnataka Ground Water Authority.
4. The process emissions from the boiler shall be dispersed through stack of adequate height as per CPCB /Karnataka State Pollution Control Board standards. The gaseous emissions from the DG set shall be dispersed through stack height as per CPCB standards shall be provided. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.
5. Ambient air quality data shall be collected as per NAAQES standards notified by the Ministry vide G.S.R. No. 826(E) dated 16th September, 2009. The levels of PM₁₀, SO₂, NO_x, VOC and HCl shall be monitored in the ambient air and emissions from the stacks and displayed at a convenient location near the main gate of the company and at important public places. The company shall upload the results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the

Regional office of MoEF, Bangalore, SEIAA, Karnataka, the respective Zonal office of CPCB and the Karnataka State Pollution Control Board.

6. The company shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MoEF, Bangalore, SEIAA, Karnataka, the respective Zonal office of CPCB and the Karnataka State Pollution Control Board. The levels of SPM, RSPM, SO₂, NO_x and VOC (ambient levels) and emissions from the stacks shall be monitored and displayed at a convenient location near the main gate of the company and at important public places.
7. The Company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2008 for management of hazardous wastes and prior permission from KSPCB shall be obtained for disposal of solid / hazardous waste in the TSDF. The concerned company shall undertake measures for fire fighting facilities in case of emergency.
8. In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling & conveyance of chemicals/materials, multi cyclone separator and water sprinkling system. Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control dust emissions. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored. The emissions shall conform to the limits stipulated by the KSPCB.
9. Hazardous chemicals shall be stored in tanks in tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm. Solvent transfer shall be by pumps.
10. The company shall undertake following Waste Minimization measures :-
 - a. Metering and control of quantities of active ingredients to minimize waste.
 - b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
 - c. Use of automated filling to minimize spillage.
 - d. Use of Close Feed system into batch reactors.
 - e. Venting equipment through vapour recovery system.
 - f. Use of high pressure hoses for equipment clearing to reduce wastewater generation.
11. For control of fugitive emission following steps shall be followed:
 - a. Closed handling system shall be provided for chemicals.
 - b. Reflux condenser shall provided over reactor.
 - c. System of leak detection and repair of pump/pipeline based on preventive maintenance.
 - d. The acids shall be taken from storage tanks to reactors through closed pipeline. Storage tanks shall be vented through trap receiver and condenser operated on chilled water.
 - e. Cathodic protection shall be provided to the underground solvent storage tanks.
12. Solvent management shall be as follows:
 - a. Solvent used in the process shall be completely recovered and reused.
 - b. Reactor shall be connected to chilled brine condenser system.

- c. Reactor and solvent handling pump shall have mechanical seals to prevent leakages.
 - d. The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery
 - e. Solvents shall be stored in a separate space specified with all safety measures.
 - f. Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.
 - g. Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.
 - h. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored. The emissions shall conform to the limits imposed by KSPCB.
13. No effluent shall be discharged outside the factory premises and "Zero" discharge concept shall be adopted.
14. Multi-cyclone followed by bag filter shall be provided to the boilers to control particulate emissions within 100 mg/Nm³. The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/APPCB guidelines.
15. Two stage chilled water/caustic scrubber shall be provided to process vents to control HCl. Two stage scrubbers with caustic lye media solution shall be provided to process vents to control SO₂. The scrubbing media shall be sent to effluent treatment plant (ETP) for treatment. Efficiency of scrubber shall be monitored regularly and maintained properly. At no time, the emission levels shall go beyond the prescribed standards.
16. As proposed, process organic residue and spent carbon shall be sent to cement industries. ETP sludge, process (inorganic) & evaporation salt shall be disposed off to the TSDF. The ash from boiler shall be sold to brick manufacturers.
17. Boiler ash shall be stored separately as per CPCB guidelines so that it shall not adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing along with the storm water. Direct exposure of workers to fly ash & dust shall be avoided.
18. During transfer of materials, spillages shall be avoided and gullies and drains be constructed to avoid mixing of accidental spillages with domestic waste and storm drains.
19. The Company shall harvest surface as well as rainwater from the rooftops of the buildings and storm water drains to recharge the ground water and use the same water for the various activities of the project to conserve fresh water.
20. The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the OISD 117 norms.
21. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
22. Usage of PPEs by all employees/ workers shall be ensured.
23. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

24. Green belt shall be developed in at least 33% of area with suitable species of the plants as per the CPCB guidelines to mitigate the effects of fugitive emissions. Selection of plant species shall be as per the CPCB guidelines.
25. The adequate financial provisions shall be made in the budget of the project for implementation of the above suggested environmental safeguards. Fund so earmarked shall not be diverted for any other purposes.
26. The company shall comply with the recommendations made in the EIA/EMP/Risk assessment report. Risk assessment shall be included in the safety Manual.
27. Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile sewage treatment plant, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.
28. The proponent shall use alternative solvents for MDC, acetone and acetonitrile and for chlorinating agents such as sulphuryl and thionyl chloride (wherever used)
29. The proponent shall avoid bromination processes (wherever followed)
30. The proponent shall recover Lithium salts from the effluents wherever Lithium compounds are used in the reactions.
31. The proponent shall adopt Good Management Practices (GMP) & Green Chemistry.
32. The proponent shall obtain necessary clearances if any from concerned authorities.
33. The project authorities shall spend ₹ 2 Lakhs towards the corporate social responsibility made during the SEAC meeting dated 20.09.2013 and submitted to the Authority.
34. The Project authorities also shall earmark at least 5 % of the total cost of the project towards the corporate social responsibility and item-wise details along with time bound action plan shall be prepared and submitted to the Authority.

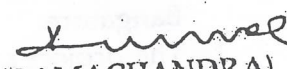
B. GENERAL CONDITIONS:

1. The project authorities shall strictly adhere to the stipulations made by the Karnataka State Pollution Control Board (KSPCB).
2. At no time, the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.
3. No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA/Ministry of Environment and Forests as the case may be. In case of deviations or alterations in the project proposal from those submitted to this Authority for clearance, a fresh reference shall be made to the Authority to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
4. The gaseous emissions (NO_x, SO₂ and SPM) and Particulate matter along with RSPM levels from various process units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system(s) adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. Stack monitoring for SO₂, NO_x and SPM shall be carried.

5. The project authorities shall strictly comply with the rules and regulations under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended in October 1994 and January 2000. All transportation of Hazardous Chemicals shall be as per the MVA, 1989. Authorization from the KSPCB shall be obtained for collection, treatment, storage, and disposal of hazardous wastes.
6. The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Wastes (Management and Handling) Rules, 2003. Authorization from the KSPCB must be obtained for collection/treatment/ storage/ disposal of hazardous wastes.
7. Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating. A hybrid system or fully solar system for lighting and heating should be provided. Details in this regard should be submitted to the SEIAA.
8. The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, Rules, 1989 viz. DBA (day time) and 70 dBA (night time).
9. The project proponent shall also comply with all the environmental protection measures and safeguards as per the information provided.
10. The implementation of the project vis-à-vis environmental action plans shall be monitored by MoEF, Regional Office at Bangalore / KSPCB/ CPCB and the Department of Environment & Ecology, Bangalore. A six monthly compliance status report shall be submitted to monitoring agencies.
11. The project proponent shall inform the public that the project has been accorded environmental clearance by the SEIAA and copies of the clearance letter are available with the KSPCB and may also be seen at Website of the Authority at <http://www.seiaa.kar.nic.in>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the MoEF Regional Office at Bangalore / KSPCB/ CPCB and the Department of Environment & Ecology, Bangalore.
12. The project authorities shall inform the MoEF Regional Office at Bangalore / KSPCB/ CPCB and the Department of Ecology and Environment, Bangalore, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
13. The SEIAA, Karnataka may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
14. The SEIAA, Karnataka reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.
15. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 Hazardous Wastes (Management and Handling) Rules, 2003 and the Public Liability Insurance Act, 1991 along with their amendments and rules.
16. The issue of Environment Clearance doesn't confer any right to the project proponent to operate / run the project without obtaining statutory clearances / sanctions from all other concerned Authorities.

17. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environmental (Protection) Act, 1986.
18. 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.
19. Officials from the Department of Environment and Ecology, Bangalore/ Regional Office of MoEF, Bangalore who would be monitoring the implementation of Environmental safeguards should be given full cooperation, facilities and documents/ data by the project proponents during their inspection. A complete set of all the documents submitted to MoEF / SEIAA should be forwarded to the CCF, Regional Office of MoEF, Bangalore/ Department of Ecology and Environment, Bangalore/ Regional Officer, KSPCB Bangalore.
20. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Authority.
21. The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
22. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the competent authorities.
23. These stipulations would be enforced among others under the provisions of water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.
24. Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it is found that construction of the project has been started without obtaining environmental clearance.

Yours Faithfully,


(RAMACHANDRA)
Member Secretary,
SEIAA.

Copy to:

1. The Secretary, Ministry of Environment & Forests, Government of India, Paryavaran Bhavan, CGO Complex, Lodi Road, New Delhi-110003.
2. The Member Secretary, Karnataka State Pollution Control Board, Bangalore.
3. The CCF, Regional Office, Ministry of Environment & Forests (SZ), Kendriya Sadan, IV Floor, E & F wings, 17th Main Road, Koramangala II Block, Bangalore-560 034.
4. Guard File.

VIRUPAKSHA ORGANICS LIMITED, UNIT - III

ENVIRONMENTAL CLEARANCE

NO.: SEIAA: 43: IND: 2010 DATED: 03.10.2013

EC CONDITION WISE COMPLIANCE FOR THE PERIOD OCTOBER, 2025 TO MARCH, 2026

S. No.	Conditions	Compliance
PART A - SPECIFIC CONDITIONS		
1	National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21 July, 2010 and amended time to time shall be followed by the unit	Noted and followed. The unit is not in operation, since there is no power supply for the unit due to some issues with the KSPCB.
2	The industrial effluent generation shall not exceed 53.83 KLD and it shall be treated in ETP. The domestic sewage shall be disposed through septic tank/soak pit.	Ensure not to exceed the effluent generation 53.83 KLD. Sewage being treated in septic tank followed by soak pit.
3	No ground water shall be used without prior permission from the Central Ground Water Authority/ Karnataka Ground Water Authority.	Noted and we are getting water from outside tankers.
4	The process emissions from the boiler shall be dispersed through stack of adequate height as per CPCB /Karnataka State Pollution Control Board standards. The gaseous emissions from the DG set shall be dispersed through stack height as per CPCB standards shall be provided. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.	We have installed 1.0 TPH coal fired boiler and 380 kVA DG set for operation
5	Ambient air quality data shall be collected as per NAAQES standards notified by the Ministry vide G.S.R. No. 826(F) dated 16% September, 2009. The levels of PM ₁₀ , SO ₂ , NO _x , VOC and HCL shall be monitored in the ambient air and emissions from the stacks and displayed at a convenient location near the main gate of the company and at important public places. The company shall upload the results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, Bangalore, SEIAA, Karnataka, the respective Zonal office CPCB and the Karnataka State Pollution Control Board.	Noted and ensure to maintain NAAQ ambient Air quality standards as per CPCB. Present status is the plant is not in operation. Latest Monitoring reports are enclosed as Annexure-1
6	The company shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on its website and shall	Noted for compliance

S. No.	Conditions	Compliance
	update the same periodically. It shall simultaneously be sent to the Regional office of MoEF, Bangalore, SEIAA, Karnataka, the respective Zonal office of CPCB and the Karnataka State Pollution Control Board. The levels of SPM, RSPM, SO ₂ , NO _x and VOC (ambient levels) and emissions from the stacks shall be monitored and displayed at a convenient location near the main gate of the company and at important public places.	
7	The Company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2008 for management of hazardous wastes and prior permission from KSPCB shall be obtained for disposal of solid / hazardous waste in the TSDF. The concerned company shall undertake measures for fire-fighting facilities in case of emergency.	We have obtained HW authorization for collection storage and disposal from KSPCB.
8	In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling & conveyance of chemicals/ materials, multi cyclone separator and water sprinkling system. Dust suppression system including water sprinkling System -shall be provided at loading and unloading areas to control dust emissions, Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored. The emissions shall conform to the limits stipulated by the KSPCB.	Noted and followed. We take all possible measures to control fugitive emissions in the plant.
9	Hazardous chemicals shall be stored in tanks in tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm. Solvent transfer shall be by pumps.	Hazardous chemicals will be stored in tanks, drums and carboys.
10	The company shall undertake following Waste Minimization measures :- a. Metering and control of quantities of active ingredients to minimize waste. b. Reuse of by-products from the process as-raw-materials-or-as- raw-material - substitutes in other processes. c. Use of automated filling to minimize spillage. d. Use of Close Feed system into batch reactors.	Company has undertaken the waste minimization measures mentioned in the condition.

S. No.	Conditions	Compliance
	e. Venting equipment through vapour recovery system f. Use of high pressure hoses for equipment clearing to reduce wastewater generation.	
11	For control of fugitive emission following steps shall be followed: a. Closed handling system shall be provided for chemicals b. Reflux condenser shall provide over reactor. c. System of leak detection and repair of pump/pipeline based on preventive maintenance d. The acids shall be taken from storage tanks to reactors through closed pipeline. Storage tanks shall be vented through trap receive condenser operated on chilled water e. Cathodic protection shall be provided to the underground solvent storage tanks	We follow the control measures to minimize fugitive emission in plant as per the following points in the condition
12	Solvent management shall be as follows: a. Solvent used in the process shall be completely recovered and reused b. Reactor shall be connected to chilled brine condenser system. c. Reactor and solvent handling pump shall have mechanical seals to prevent leakages. d. The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery e. Solvents shall be stored in a separate space specified with all safety measures. f. Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done. g. Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses h. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored. The emissions shall conform to the limits imposed by KSPCB	We will follow the solvent management as per the points mentioned in the condition to recover the solvents completely.
13	No effluent shall be discharged outside the factory premises and "Zero" discharge concept shall be adopted	Ensure no effluent will be discharged outside the factory premises, effluent being treated and recovered water being reused.
14	Multi-cyclone followed by bag filter shall be	We have provided Multi-

S. No.	Conditions	Compliance
	provided to the boilers to control particulate emissions within 100 mg/Nm ³ . The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/ APPCB guidelines.	cyclone separator to the boiler to control particulate emissions Photo of Multi-cyclone separator is enclosed as OBE-I
15	Two stage chilled water/ caustic scrubber shall be provided to process vents to control HCL. Two stage scrubbers with caustic lye media solution shall be provided to process vents to control SO ₂ . The scrubbing media shall be sent to effluent treatment plant (ETP) for treatment. Efficiency of scrubber shall- be monitored regularly and maintained properly. At no time, the emission levels shall go beyond the prescribed standards.	We have provided two stage scrubbing system with suitable scrubbing media to control process emissions Photo of Multi stage scrubbing system is enclosed as OBE-II
16	As proposed, process organic residue and spent carbon shall be sent to cement industries. ETP sludge, process (inorganic) & evaporation salt shall be disposed-off to the TSDF. The ash from boiler shall be sold to brick manufacturers.	Noted and followed accordingly.
17	Boiler ash shall be stored separately as per CPCB guidelines so that it shall not adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing along with the storm water. Direct exposure of workers to fly ash & dust shall be avoided.	Noted and followed as per CPCB guidelines
18	During transfer of materials, spillages shall be avoided and gullies and drains be constructed to avoid mixing of accidental spillages with domestic waste and storm drains	Noted and followed
19	The Company shall harvest surface as well as rainwater from the rooftops of the buildings and storm water drains to recharge the ground water and use the same water for the various activities of the project to conserve fresh water.	Noted for compliance
20	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire-fighting system shall be as per the OISD 117 norms.	Noted for compliance.
21	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis: Training to all employees on handling of chemicals shall be imparted.	We will undertake periodical medical examinations for all employees on regular basis.
22	Usage of PPEs by all employees/ workers	PPE provided for all

S. No.	Conditions	Compliance
	shall be ensured.	employees/ workers.
23	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act	Noted for compliance
24	Greenbelt shall be developed i in at least 33% of area with suitable species of the plants as per the CPCB guidelines to mitigate the effects of fugitive emissions. Selection of plant species shall be as per the CPCB guidelines	Greenbelt development is under process. We complete the work as per the CPCB guidelines. Photos of Greenbelt enclosed as OBE-III
25	The adequate financial provisions shall be made in the budget of the project for implementation of the above suggested environmental safeguards. Fund so earmarked shall not be diverted for any other purposes	Noted for compliance
26	The company shall comply with the recommendations made in the EIA/EMP/ Risk assessment report. Risk assessment shall be included in the safety Manual.	Noted for compliance
27	Provision shall be made for the housing for the construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile sewage treatment plant, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be 'managed so that there is no impact on the surrounding environment.	Noted and followed
28	The proponent shall be use alternative solvents for MDC, acetone and acetonitrile and for chlorinating agents such as sulphuryl and thionyl chloride (wherever used)	Noted and we will go for alternative solvents for MDC and acetonitrile.
29	The proponent shall be avoid bromination processes (wherever followed)	We don't have any bromination processes in the plant
30	The proponent shall be recover Lithium salts from the effluents wherever Lithium compounds are used in the reactions.	We are not using any lithium compounds in the process.
31	The proponent shall be adopt Good Management Practices (GMP) & Green Chemistry.	Noted, we have adopted good manufacturing practices
32	The proponent shall obtain necessary clearances if any from concerned authorities.	We will obtain Necessary clearances from concerned authorities
33	The project authorities shall spend Rs.2 Lakhs towards the corporate social responsibility made during the SEAC meeting dated 20.09.2013 and submitted to the Authority.	Noted and accepted.

S. No.	Conditions	Compliance
34	The Project authorities also shall earmark at least 5 % of the total cost of the project towards the corporate social responsibility and item-wise details along with time bound action plan shall be prepared and submitted to the Authority.	Noted and accepted.
B. GENERAL CONDITIONS:		
1	The project authorities shall strictly adhere to the stipulations made by the Karnataka State Pollution Control Board (KSPCB).	Noted for compliance
2	At no time, the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.	Agreed and followed
3	No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA/ Ministry of Environment and Forests as the case may be. In case of deviations or alterations in the project proposal from those submitted to this Authority for clearance, a fresh reference shall be made to the Authority to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Noted and accepted.
4	The gaseous emissions (NO _x , SO ₂ and SPM) and Particulate matter along with RSPM levels from various process units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system(s) adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. Stack monitoring for SO ₂ , NO _x and SPM shall be carried	Noted for compliance.
5	The project authorities shall strictly comply with the rules and regulations under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended in October 1994 and January 2000. All transportation of Hazardous Chemicals shall be as per the MVA, 1989. Authorization from the KSPCB shall be obtained for collection, treatment, storage, and disposal of hazardous wastes	We have obtained HW authorization from KSPCB for collection, treatment, storage, and disposal. The CFO Order vide Consent Order No. AW-351500 PCB ID- 83594 Dated. 21/11/2025. The CFO order is enclosed as Annexure-2
6	The project authorities must strictly comply	Noted for compliance

S. No.	Conditions	Compliance
	with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Wastes (Management and Handling) Rules, 2003. Authorization from the KSPCB must be obtained for collection/treatment/ storage / disposal of hazardous wastes.	
7	Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating. A hybrid system or fully solar system for lighting -and heating should be provided. 'Details in this regard should be submitted to the SEIAA.	Noted for compliance
8	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, Rules, 1989 viz. DBA (day time) and 70 dBA (night time).	The overall noise levels kept well within the standards by providing Noise control measures.
9	The project proponent shall also -comply with all the environmental protection measures and safeguards as per the information provided.	Noted for compliance
10	The implementation of the project vis-a-vis environmental action plans shall be monitored by MoEF, Regional Office at Bangalore / KSPCB/ CPCB and the Department of Environment & Ecology, Bangalore. A six monthly compliance status report shall be submitted to monitoring agencies	Noted and accepted
11	The project proponent shall inform the public that the project has been accorded environmental clearance by the SEIAA and copies of the clearance letter are available with the KSPCB and may also be seen at Website of the Authority at http://www.seiaa.kar.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the Vernacular language of the locality concerned and a copy of the same shall be forwarded: to the MoEF Regional Office at Bangalore / KSPCB/ CPCB and the Department of Environment & Ecology,	We have informed the public that the project has been accorded environmental clearance by the SEIAA, Karnataka. We have advertised in two local newspapers in the Humnabad (Bidar) region on 31.01.2014 1) Sayuktha Karnataka, Kannada 2) The Indian Express, English

S. No.	Conditions	Compliance
	Bangalore.	
12	The project authorities shall inform the MoEF Regional Office at Bangalore / KSPCB/ CPCB and, the Department of Ecology and Environment, Bangalore, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Noted for compliance
13	The SEIAA, Karnataka may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory	Noted and accepted
14	The SEIAA, Karnataka reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.	Noted and accepted
15	The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 Hazardous Wastes (Management and Handling) Rules, 2003 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	Noted and accepted
16	The issue of Environment Clearance doesn't confer any right to the project proponent to operate / run the project without obtaining statutory clearances / sanctions from all other concerned Authorities.	Noted.
17	Concealing factual data or submission of false/ fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environmental (Protection) Act, 1986.	Noted and accepted
18	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
19	Officials from the Department of Environment and Ecology Bangalore/ Regional Office of MoEF, Bangalore who would be monitoring the implementation of Environmental safeguards should be given full cooperation, facilities and documents/ data by the project proponents during their inspection. A complete set of all the documents submitted to MoEF / SEIAA should be forwarded to the CCF, Regional Office of MoEF, Bangalore/ Department of Ecology and Environment, Bangalore/ Regional Officer, KSPCB	We ensure full cooperation to the visiting officials by providing facilities and documents/ data during their inspection.

S. No.	Conditions	Compliance
	Bangalore.	
20	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Authority.	Noted and accepted
21	The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	Noted and accepted
22	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the competent authorities.	All statutory clearances will obtain from concern authorities.
23	These stipulations would be enforced among others under the provisions of water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.	Noted for compliance
24	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it is found that construction of the project has been started without obtaining environmental clearance.	Noted and accepted

OBE - I _ MULTI- CYCLONE SEPARATOR



OBE - II _ MULTI-STAGE SCRUBBING



OBE – III _ PHOTOS OF GREENBELT







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ANALYSIS REPORT OF AMBIENT AIR QUALITY

1	Name of the Location	Outside the compound Westside
2	Name of the Industry	M/s. Virupaksha Organics Limited, (Unit -III)Plot No,100-P2, KIADB Ind Area, Humnabad , Dist:Bidar, 585330
3	Sample Collected By	By us
4	Date of Sample Collection	20/03/2026
5	Particulars of the Instrument Used	Envirotech/APM 460 BL (RDS Machine) Envirotech/APM 550
6	Date of Sample Receipt	21/03/2026
7	Report No	STLPL/AA/2026/03/01
8	Date of Analysis Started	23/03/2026
9	Date of Analysis Completed	24/03/2026
10	Environmental Condition	Normal
11	Sampling Method	IS 5182 (Part V)- 1975 (Reaffirmed 2009) & IS 5182 (Part 14): 2000 (Reaffirmed 2010)
12	Report Issued Date	24/03/2026

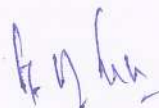
RESULTS

SI NO.	PARAMETERS	UNITS	PROTOCOLS	RESULTS	LIMITS (NAAQS)
01	Particulate Matter as (PM ₁₀)	µg/ m ³	IS 5182 (Part 23) : 2006 (Reaffirmed-2014)	61.2	100
02	Particulate Matter as (PM _{2.5})	µg/ m ³	IS 5182 (Part 23) : 2006 (Reaffirmed-2014)	20.5	60
03	Sulphur Dioxide as SO ₂	µg/ m ³	IS 5182(Part 2):2001 (Reaffirmed-2014)	18.4	80
04	Nitrogen Dioxide as NO ₂	µg/ m ³	IS 5182(Part 6):2006 (Reaffirmed-2014)	16.3	80

INFERENCE	As per KSPCB Limits, Report Status:-The measured values for the above parameters are within the limits.
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Analysed by
Anand N
Environmental Engineer




Authorized Signatory
Shivashankaraiah.H.M
Technical Manager



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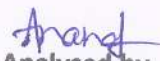
ANALYSIS REPORT OF AMBIENT AIR QUALITY

1	Name of the Location	Outside the compound Northside
2	Name of the Industry	M/s. Virupaksha Organics Limited, (Unit -III) Plot No, 100-P2, KIADB Ind Area, Humnabad , Dist: Bidar, 585330
3	Sample Collected By	By us
4	Date of Sample Collection	20/03/2026
5	Particulars of the Instrument Used	Envirotech/APM 460 BL (RDS Machine) Envirotech/APM 550
6	Date of Sample Receipt	21/03/2026
7	Report No	STLPL/AA/2026/03/02
8	Date of Analysis Started	23/03/2026
9	Date of Analysis Completed	24/03/2026
10	Environmental Condition	Normal
11	Sampling Method	IS 5182 (Part V)- 1975 (Reaffirmed 2009) & IS 5182 (Part 14): 2000 (Reaffirmed 2010)
12	Report Issued Date	24/03/2026

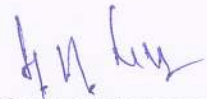
RESULTS

SI NO.	PARAMETERS	UNITS	PROTOCOLS	RESULTS	LIMITS (NAAQS)
01	Particulate Matter as (PM ₁₀)	µg/ m ³	IS 5182 (Part 23) : 2006 (Reaffirmed-2014)	64.3	100
02	Particulate Matter as (PM _{2.5})	µg/ m ³	IS 5182 (Part 23) : 2006 (Reaffirmed-2014)	22.8	60
03	Sulphur Dioxide as SO ₂	µg/ m ³	IS 5182(Part 2):2001 (Reaffirmed-2014)	17.2	80
04	Nitrogen Dioxide as NO ₂	µg/ m ³	IS 5182(Part 6):2006 (Reaffirmed-2014)	15.6	80

INFERENCE	As per KSPCB Limits, Report Status:-The measured values for the above parameters are within the limits.
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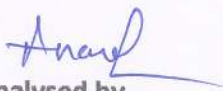
ANALYSIS REPORT OF AMBIENT AIR QUALITY

1	Name of the Location	Outside the compound Southside
2	Name of the Industry	M/s. Virupaksha Organics Limited, (Unit -III)Plot No,100-P2, KIADB Ind Area, Humnabad , Dist:Bidar, 585330
3	Sample Collected By	By us
4	Date of Sample Collection	20/03/2026
5	Particulars of the Instrument Used	Envirotech/APM 460 BL (RDS Machine) Envirotech/APM 550
6	Date of Sample Receipt	21/03/2026
7	Report No	STLPL/AA/2026/03/03
8	Date of Analysis Started	23/03/2026
9	Date of Analysis Completed	24/03/2026
10	Environmental Condition	Normal
11	Sampling Method	IS 5182 (Part V)- 1975 (Reaffirmed 2009) & IS 5182 (Part 14): 2000 (Reaffirmed 2010)
12	Report Issued Date	24/03/2026

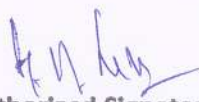
RESULTS

SI NO.	PARAMETERS	UNITS	PROTOCOLS	RESULTS	LIMITS (NAAQS)
01	Particulate Matter as (PM ₁₀)	µg/ m ³	IS 5182 (Part 23) : 2006 (Reaffirmed-2014)	70.5	100
02	Particulate Matter as (PM _{2.5})	µg/ m ³	IS 5182 (Part 23) : 2006 (Reaffirmed-2014)	24.3	60
03	Sulphur Dioxide as SO ₂	µg/ m ³	IS 5182(Part 2):2001 (Reaffirmed-2014)	19.6	80
04	Nitrogen Dioxide as NO ₂	µg/ m ³	IS 5182(Part 6):2006 (Reaffirmed-2014)	16.8	80

INFERENCE	As per KSPCB Limits, Report Status:-The measured values for the above parameters are within the limits.
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ANALYSIS REPORT OF AMBIENT AIR QUALITY

1	Name of the Location	Outside the compound Eastside
2	Name of the Industry	M/s. Virupaksha Organics Limited, (Unit -III)Plot No,100-P2, KIADB Ind Area, Humnabad , Dist:Bidar, 585330
3	Sample Collected By	By us
4	Date of Sample Collection	20/03/2026
5	Particulars of the Instrument Used	Envirotech/APM 460 BL (RDS Machine) Envirotech/APM 550
6	Date of Sample Receipt	21/03/2026
7	Report No	STLPL/AA/2026/03/04
8	Date of Analysis Started	23/03/2026
9	Date of Analysis Completed	24/03/2026
10	Environmental Condition	Normal
11	Sampling Method	IS 5182 (Part V)- 1975 (Reaffirmed 2009) & IS 5182 (Part 14): 2000 (Reaffirmed 2010)
12	Report Issued Date	24/03/2026

RESULTS

SI NO.	PARAMETERS	UNITS	PROTOCOLS	RESULTS	LIMITS (NAAQS)
01	Particulate Matter as (PM ₁₀)	µg/ m ³	IS 5182 (Part 23) : 2006 (Reaffirmed-2014)	76.4	100
02	Particulate Matter as (PM _{2.5})	µg/ m ³	IS 5182 (Part 23) : 2006 (Reaffirmed-2014)	25.3	60
03	Sulphur Dioxide as SO ₂	µg/ m ³	IS 5182(Part 2):2001 (Reaffirmed-2014)	19.2	80
04	Nitrogen Dioxide as NO ₂	µg/ m ³	IS 5182(Part 6):2006 (Reaffirmed-2014)	17.5	80

INFERENCE	As per KSPCB Limits, Report Status:-The measured values for the above parameters are within the standards.
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Anand N
Environmental Engineer



Shivashankaraiah
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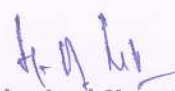
AMBIENT NOISE LEVEL MONITORING REPORT

01	Name of the industry	M/S. Virupaksha Organics Limited (Unit –III) Plot No 100-P2, KIADB Industrial Area, Humnabad-585330, Dist-Bidar
02	Date of Monitoring	20/03/2026
03	Particulars of sample collected	Sound Level Monitoring
04	Sample Number	STLPL/N/2026/03/05
05	Report Issued Date	23/03/2026

RESULTS (Day Time Noise Level)

Sl.No	LOCATIONS	UNIT	VALUES	STANDARDS
01	Near main gate	dB(A)	62.8	75
02	Near DG area	dB(A)	59.4	75
03	Near Production Block	dB(A)	57.2	75
04	Near Boiler area	dB(A)	60.5	75




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TEST REPORT BORE WELL WATER ANALYSIS REPORT (Sample Drawn By Industry)

Page 1 of 1

Test Report No : STLPL/W/2026/03/06	Report Date : 25.03.2026
Issued to : M/s. Virupaksha Organics Limited, (Unit -III)Plot No,100-P2, KIADB Ind Area,Humnabad , Dist :Bidar - 585330	Customer reference : Walking customer
Date of Submission : 20.03.2026	Date of sample receipt : 21.03.2026
Sample Nature / Name : Raw water	Analysis start date : 23.03.2026
Sample Condition : Satisfactory	Analysis completion date : 25.03.2026
Sample particulars : Grab Sampling	Sampling protocol : APHA 23 rd edition
Environmental Condition : Normal	

Results

Sl.No	Parameters	Protocol	Unit	Result	Standard : IS-10500 :2012	
					DL	PL
01	pH Value	APHA 23 rd Edition 4500-H*, B		7.6	6.5 to 8.5	No Relaxation
02	Conductivity	APHA 23 rd Edition 2510, B	μ mhos	1259		
03	Turbidity	APHA 23 rd Edition 2130, B	NTU	Nil	1	5
04	Total Hardness	APHA 23 rd Edition 2340 C	mg/L	441	200	600
05	Total Alkalinity	APHA 23 rd Edition 2320, B	mg/L	355	200	600
06	Chlorides (Cl)	APHA 23 rd Edition 4500-Cl, B	mg/L	315	250	1000
07	Fluoride as F	APHA 23 rd Edition 4500 F-D	mg/L	1.20	1.0	1.5
08	Iron (Fe)	APHA 23 rd Edition 3500 B	mg/L	0.19	0.30	No Relaxation
09	Total dissolved Solids	APHA 23 rd Edition 2540 C	mg/L	656	500	2000
10	Nitrates as NO ₃ ⁻	APHA 23 rd Edition 4500 b	mg/L	36	45	No Relaxation
11	Sulphates as SO ₄	APHA 23 rd Edition 4500 C	mg/L	142	200	400
12	Calcium as Ca	APHA 23 rd Edition 3500 B	mg/L	82	75	200
13	Magnesium as Mg	APHA 23 rd Edition 3500 Mg B	mg/L	29	30	100

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ANALYSIS REPORT OF AMBIENT AIR QUALITY

1	Name of the Location	Near Main Gate
2	Name of the Industry	M/s. Virupaksha Organics Limited, (Unit -III)Plot No,100-P2, KIADB Ind Area, Humnabad , Dist:Bidar, 585330
3	Sample Collected By	Customer Sample
4	Date of Sample Collection	21/02/2026
5	Particulars of the Instrument Used	Envirotech/APM 460 BL (RDS Machine) Envirotech/APM 550
6	Date of Sample Receipt	22/02/2026
7	Report No	STLPL/AA/2026/02/119
8	Date of Analysis Started	23/02/2026
9	Date of Analysis Completed	24/02/2026
10	Environmental Condition	Normal
11	Sampling Method	IS 5182 (Part V)- 1975 (Reaffirmed 2009) & IS 5182 (Part 14): 2000 (Reaffirmed 2010)
12	Report Issued Date	28.02.2026

RESULTS

SI NO.	PARAMETERS	UNITS	PROTOCOLS	RESULTS	LIMITS (NAAQS)
01	Particulate Matter as (PM ₁₀)	µg/ m ³	IS 5182 (Part 23) : 2006 (Reaffirmed-2014)	54.3	100
02	Particulate Matter as (PM _{2.5})	µg/ m ³	IS 5182 (Part 23) : 2006 (Reaffirmed-2014)	18.5	60
03	Sulphur Dioxide as SO ₂	µg/ m ³	IS 5182(Part 2):2001 (Reaffirmed-2014)	15.2	80
04	Nitrogen Dioxide as NO ₂	µg/ m ³	IS 5182(Part 6):2006 (Reaffirmed-2014)	13.6	80

INFERENCE	As per KSPCB Limits, Report Status:-The measured values for the above parameters are within the standards.
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Anand

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ANALYSIS REPORT OF AMBIENT AIR QUALITY

1	Name of the Location	Near Production Block
2	Name of the Industry	M/s. Virupaksha Organics Limited, (Unit -III)Plot No,100-P2, KIADB Ind Area, Humnabad , Dist:Bidar, 585330
3	Sample Collected By	Customer Sample
4	Date of Sample Collection	21/02/2026
5	Particulars of the Instrument Used	Envirotech/APM 460 BL (RDS Machine) Envirotech/APM 550
6	Date of Sample Receipt	22/02/2026
7	Report No	STLPL/AA/2026/02/119
8	Date of Analysis Started	23/02/2026
9	Date of Analysis Completed	24/02/2026
10	Environmental Condition	Normal
11	Sampling Method	IS 5182 (Part V)- 1975 (Reaffirmed 2009) & IS 5182 (Part 14): 2000 (Reaffirmed 2010)
12	Report Issued Date	28.02.2026

RESULTS

SI NO.	PARAMETERS	UNITS	PROTOCOLS	RESULTS	LIMITS (NAAQS)
01	Particulate Matter as (PM ₁₀)	µg/ m ³	IS 5182 (Part 23) : 2006 (Reaffirmed-2014)	48.6	100
02	Particulate Matter as (PM _{2.5})	µg/ m ³	IS 5182 (Part 23) : 2006 (Reaffirmed-2014)	16.2	60
03	Sulphur Dioxide as SO ₂	µg/ m ³	IS 5182(Part 2):2001 (Reaffirmed-2014)	14.5	80
04	Nitrogen Dioxide as NO ₂	µg/ m ³	IS 5182(Part 6):2006 (Reaffirmed-2014)	12.8	80

INFERENCE	As per KSPCB Limits, Report Status:-The measured values for the above parameters are within the standards.
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Anand

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Anand N
Environmental Engineer



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SUMS TECHNO LABS PRIVATE LIMITED

[Analytical & Environment]

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AMBIENT NOISE LEVEL MONITORING REPORT

01	Name of the industry	M/S. Virupaksha Organics Limited (Unit -III) Plot No 100-P2, KIADB Industrial Area, Humnabad-585330, Dist-Bidar
02	Date of Monitoring	21/02/2026
03	Particulars of sample collected	Sound Level Monitoring
04	Sample Number	STLPL/AN/2026/02/119
05	Report Issued Date	28.02.2026

RESULTS

Sl.No	LOCATIONS	UNIT	VALUES	STANDARDS
01	Near main gate	dB(A)	55.8	75
02	Near DG area	dB(A)	52.4	75
03	Near Production Block	dB(A)	53.2	75
04	Near Boiler area	dB(A)	51.6	75

Anand

Analysed by
Anand N
Environmental Engineer



Shivashankaraiah

Authorized Signatory
Shivashankaraiah.H.M
Technical Manager



SUMS TECHNO LABS PRIVATE LIMITED

[Analytical & Environment]

Recognized by MoEF

TEST REPORT BORE WELL WATER ANALYSIS REPORT (Sample Drawn By Industry)

Page 1 of 1

Test Report No : STLPL/GW/2026/02/119	Report Date : 25.02.2026
Issued to : M/s. Virupaksha Organics Limited, (Unit -III)Plot No,100-P2, KIADB Ind Area,Humnabad , Dist :Bidar - 585330	Customer reference : Customer Sample
Date of Submission : 21.02.2026	Date of sample receipt : 22.02.2026
Sample Nature / Name : Raw water	Analysis start date : 23.02.2026
Sample Condition : Satisfactory	Analysis completion date : 25.02.2026
Sample particulars : Grab Sampling	Sampling protocol : APHA 24 th edition
Environmental Condition : Normal	Report Issued Date 28.02.2026

Results

Sl.No	Parameters	Protocol	Unit	Result	Standard : IS-10500 :2012	
					DL	PL
01	pH Value	APHA 24 th Edition -4500 H ⁺ B		7.5	6.5 to 8.5	No Relaxation
02	Conductivity	APHA 24 th Edition - 2510 B	μ mhos	1246		
03	Turbidity	APHA 24 th Edition -2130 B	NTU	Nil	1	5
04	Total Hardness	APHA 24 th Edition - 2340 C	mg/L	432	200	600
05	Total Alkalinity	APHA 24 th Edition - 2320 B	mg/L	341	200	600
06	Chlorides (Cl)	APHA 24 th Edition - 4500Cl ⁻ B	mg/L	308	250	1000
07	Fluoride as F	APHA 24 th Edition -4500 F ⁻ D	mg/L	1.18	1.0	1.5
08	Iron (Fe)	APHA 24 th Edition -3500 Fe B	mg/L	0.17	0.30	No Relaxation
09	Total dissolved Solids	APHA 24 th Edition -2540 C	mg/L	649	500	2000
10	Nitrates as NO ₃ ⁻	IS:3025 (PART-34)3B :1988	mg/L	34	45	No Relaxation
11	Sulphates as SO ₄	APHA 24 th Edition -4500 SO ₄ E	mg/L	136	200	400
12	Calcium as Ca	APHA 24 th Edition - 3500 Ca B	mg/L	89	75	200
13	Magnesium as Mg	APHA 24 th Edition- 3500 Mg B	mg/L	31	30	100

Shanthi.P
Analysed by
Shanthi.P
Chemist



Shivashankaraiah.H.M
Authorized Signatory
Shivashankaraiah.H.M
Technical Manager

Head Office: 15-DP2, KIADB, Sankalapura Industrial Area, Ballari Road, Hosapete - 583201, Vijayanagara District, Karnataka, Tel/Fax No. 08394-265084, Cell: +91-8884494244/261/250/239,
E-mail: technolabs@sums.org.in, sums.hpt@gmail.com, Website: www.sums.org.in



Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church Street, Bengaluru-560001

Tele : 080-25589112/3,
25581383/388

Fax:080-25586321

Email id: ho@kspcb.gov.in

Consent For Operation(CFO-Air,Water) - (CfO-Renewal)

**As per the provisions of
The Water (Prevention & Control of Pollution) Act, 1974
&
The Air (Prevention & Control of Pollution) Act, 1981**

To

**M/s. Virupaksha Organics Ltd., Plot no. 100 (P2), Sy. No. 223, Gadvanthi
Village,**

for the Facility located at,

**M/s. Virupaksha Organics Ltd., Plot no. 100 (P2), Sy. No. 223 ,Plot no. 100 (P2),
Sy. No. 223, Gadvanthi Village,
Bidar**

Consent Order No	PCBID	INW ID	Industry Colour/Scale	Date of Issue
AW-351500	83594	220299	RED/LARGE	21/11/2025

**This Consent is granted for the Products/ Activity/Service name indicated
in the annexure along with the terms & conditions attached to this order**

Validity through: 21/11/2025 to 30/06/2029



ISO 9001:2015 & 14001:2015 Certified

Combined Consent Order No: AW-351500

PCB ID: 83594

GSC No : PBOXG0000210299

Date: 21/11/2025

Combined consent for discharge of effluents under the Water (Prevention and Control of Pollution) Act , 1974 and emission under the Air (Prevention and Control of Pollution) Act , 1981

Ref: 1. Application filed by the applicant/organization on 15/05/2024
 2. Inspection of the Industry/organization/by RO, on 04/06/2024
 3. Proceedings of the ECM dated 17/10/2025 , held on 17/10/2025

Consent is hereby granted to the Occupier under Section 25(4) of the Water (Prevention & Control of Pollution) Act, 1974 (herein referred to as the Water Act) & Section 21 of Air (Prevention & Control of Pollution) Act, 1981, (herein referred to as the Air Act) and the Rules and Orders made there under and authorized the Occupier to operate /carryout industry/activity & to make discharge of the effluents & emissions confirming to the stipulated standards from the premises mentioned below and subject to the terms and conditions as detailed in the Schedule Annexed to this order.

Location:

Name of the Industry: M\s. Virupaksha Organics Ltd.

Address: Plot no. 100 (P2), Sy. No. 223, Plot no. 100 (P2), Sy. No. 223, Gadvanthi Village,

Industrial Area: Humnabad I.A, Gadvanthi Village,

Taluk: Homnabad, District: Bidar

CONDITIONS:

a) Discharge of effluents under the Water Act:

Sr	Water Code	WC(KLD)	WWG(KLD)	Remark
1	Boiler Feed	4.000	1.200	refer additional condition Annexure-1
2	Cooling Water	1.000	0.200	refer additional condition Annexure-1
3	Domestic Purpose	1.200	1.000	refer additional condition Annexure-1
4	Manufacturing Processes	2.640	2.910	Treated in ETP of 12 KLD.
5	Others	3.000	3.000	Washing- refer additional condition Annexure-1
6	Others	1.600	2.000	Scrubber (Treated in ETP of 12 KLD.)

b) Discharge of Air emissions under the Air Act from the following stacks etc.

Sl. No.	Description of chimney/outlet	Limits specified refer schedule
The details of Sources, control equipments and its specification, type of fuel, constituents to be controlled in emissions etc. are detailed in Annexure-II.		

The consent for operation is granted considering the following activities/Products;

Sr	Product Name	Applied Qty	Unit
1	a,a-demethyl-4 {4-(-(hydroxyl diphenyl (methyl)- piperidiny)-1-hydroxy butyl phenyl acetic acid} (fexofenadine base)	4.0000	Metric Tonnes/month

Validity through : 21/11/202 to 30/06/2029
 5

To,

M/s. Virupaksha Organics Ltd.

KIADB Industrial Area, Humnabad, Bidar

COPY TO:

The Environmental Officer, KSPCB, Regional Office Bidar for information and necessary action.

2. Master Register.
3. Case file.

Consent Fee paid : Rs. 600000

SCHEDULE

TERMS AND CONDITIONS

A. TREATMENT AND DISPOSAL OF EFFLUENTS UNDER THE WATER ACT.

1. The discharge from the premises of the occupier shall pass through the terminal manhole/manholes where from the Board shall be free to collect samples in accordance with the provisions of the Act/Rules made there under.
- 2(a). The sewage/domestic effluent shall be treated in septic tank and with soak pit. No overflow from the soak pit is allowed. The septic tank and soak pit shall be as per IS 2470 Part-I & Part-II.
- 2(b). The treated sewage effluent discharged shall conform to the standards specified in Annexure-I.
- 3(a). The trade effluent generated in the industry shall be treated in the ETP and treated effluent shall confirm to the standards stipulated by the Board in Annexure-I
- 3(b). The trade effluent shall be handed over to CETP and maintain logbook of effluent generated & sent every day.
4. The applicant shall install flow measuring/recording devices to record the discharge quantity and maintain the record.
5. The applicant shall not change or alter either the quality or the quantity or the place of discharge or temperature or the point of discharge without the previous consent/ permission of the Board.
6. The applicant shall not allow the discharge from the other premises to mix with the discharge from his premises. Storm water shall not be allowed to mix with the effluents on the upstream of the terminal manhole where the flow measuring devices are installed.
7. The daily quantity of domestic effluent and trade effluent from the industry shall not exceed the limits as indicated in this consent order:
8. The applicant shall discharge the effluents only to the place mentioned in the Consent order and discharge of treated/untreated outside the premises is not permitted.

B. EMISSIONS:

1. The discharge of emissions from the premises of the applicant shall pass through the air pollution control equipment and discharged through stacks/chimneys mentioned in **Annexure-II** where from the Board shall be free to collect the samples at any time in accordance with the provisions of the Act and Rules made there under. The tolerance limits of the constituents forming the emissions in each of the stacks shall not exceed the limits laid down in Annexure-II.
2. The applicant shall provide port holes for sampling of emission, access platforms for carrying out stack sampling, electrical points and all other necessary arrangements including ladder as indicated in Annexure-II.
3. The applicant shall upgrade/modify/replace the control equipment with prior permission of the Board.

C. MONITORING & REPORTING:

1. The applicant shall get the samples of effluents & emissions collected and get them analyzed once a month/either by in house monitoring laboratory or through EP approved laboratories for the parameters as Indicated in Annexure I & II.
2. The applicant shall maintain log books to reflect the working condition of pollution control systems and also self monitoring results and keep it open for inspection.

D. SOLID WASTE (OTHER THAN HAZARDOUS WASTE) DISPOSAL:

1. The applicant shall segregate solid waste from Hazardous Waste, Municipal Solid Waste and store it properly till treatment/disposal without causing pollution to the surrounding Environment.
2. The solid waste generated shall be handled & disposed by scientific method without causing eye sore to the general public and to the surrounding environment.

E. NOISE POLLUTION CONTROL:

The applicant shall ensure that the ambient noise levels within its premises during construction and during operational period shall not exceed w.r.t Area/Zone as per Noise Pollution (Regulation and Control) Rules, 2000 as mentioned below:-

- a) In Industrial Area 75 dB(A) Leq during day time and 70 dB(A) Leq during night time.
- b) In Commercial Area 65 dB(A) Leq during day time and 55 dB(A) Leq during night time.
- c) In Residential Area 55 dB(A) Leq during day time and 45 dB(A) Leq during night time.
- d) In Silence Zone 50 dB(A) Leq during day time and 40 dB(A) Leq during night time.

Note: - * Day time shall mean 6 am to 10 pm and Night time shall mean 10 pm to 6 am.

- * dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
- * A “decibel” is a unit in which noise is measured.
- * “A”, in dB(A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human ear.
- * Leq: It is an energy mean of the noise level over a specified period.

F. HAZARDOUS AND OTHER WASTES (MANAGEMENT & TRANSBOUNDARY MOVEMENT) Rules 2016:

The applicant shall comply with the provisions of the Hazardous and other Wastes (Management & Transboundary Movement) Rules 2016.

G. GENERAL CONDITIONS:

1. The applicant shall obtain prior permission from the competent authority for drawing of water from Surface/Ground water source and submit a copy of the same to the Board.
2. The applicant shall not allow the discharge from the other premises to mix with the discharge from his premises.
3. The applicant shall promptly comply with all orders and instructions issued by the Board from time to time or any other officers of the Board duly authorized in this behalf.
4. The applicant shall set-up Environmental Cell comprising of qualified and competent personnel for complying with the conditions specified.
5. The Board reserves the right to review, impose additional conditions, revoke, change or alter terms and conditions of this consent.
6. The applicant shall forthwith keep the Board informed of any accidental discharge of emissions/effluents into the atmosphere in excess of the standards laid down by the Board. The applicant shall also take corrective steps to mitigate the impact.
7. The applicant shall provide alternate power supply sufficient to operate all Pollution control equipments.

8. The entire premises shall always be kept clean. The effluent holding area, inspection chambers, outlets, flow points should be made easily approachable.
9. The applicant shall display the consent granted in a prominent place for perusal of the inspecting officers of the Board.
10. The applicant his heirs, legal representatives or assignee shall have no claims whatsoever to the continuation or renewal of this consent after expiry of the validity of consent.
11. The applicant shall make an application for consent for subsequent period at least 120 days before expiry of this consent.
12. The applicant shall develop and maintain adequate green belt all around the periphery.
13. The applicant shall provide rain water harvesting system and shall provide proper storm water management system.
14. This consent is issued without prejudice to any Court Cases pending in any Hon'ble Court
15. The applicant shall furnish the Environmental statement for every financial year ending with 31st March in Form-V as per Environment (Protection) Rules, 1986. The statement shall be furnished before the end of September.
16. The applicant shall display flow diagram of the pollution control system near the pollution control system/s

NOTE:

The Conditions Nil mentioned in the schedule are not applicable.

Additional Conditions:

1. The occupier shall comply with all the Additional Conditions and Standards stipulated in Annexure 1 & A attached with this consent order.
2. This consent order contains 14 pages including Additional Conditions and Annexures.
3. The products with quantities, water consumption, wastewater generation, mode of disposal with standards, air pollution sources with control measures mentioned in Additional Conditions attached with this order shall be considered and to be complied by the industry.
4. In case of any discrepancy in the name of the product & its quantity in this consent order, the name of the product and quantity indicated in the EC will prevail.
5. This Consent of Operation is issued for the manufacture of a,a-dimethyl-4 {4-(4-(Hydroxy Diphenyl (Methyl)-Piperidiny)-1-Hydroxy Butyl Phenyl Acetic Acid} (Fexofenadine Base) of capacity 4.0 TPM.
6. The quantity shall not exceed the quantity indicated against the product at any given point of time.
7. The applicant shall comply with the conditions stipulated in Environmental Clearance issued by SEIAA, Karnataka, vide EC No. SEIAA 43 IND: 2010 dated 03.10.2013.
8. This Consent for Operation under Water Act, 1974 and Air Act, 1981 is valid for the period up to 30.06.2029.

Chimney No.	Chimney attached to	Capacity/ KVA Rating	Minimum chimney height to be provided above ground level (in Mts)	Constituents to be controlled in the emission	Tolerance limits mg/NM3	Fuel	Air pollution Control equipment to be installed, in addition to chimney height as per col.(4)	Date of which air pollution control equipments shall be provided to achieve the stipulated tolerance limits and chimney heights conforming to stipulated heights.
1	Reaction Vessels	production block-1 (3 No GLR & 7 Nos SSR)	9	PM,SO ₂ ,NO _x ,CO, NMHC	0,0,0,0,0	Acid/alkali mist-35	SCR	
2	Boiler	1.5 TPH boiler	30	PM,SO ₂ ,NO _x ,CO, NMHC	150,300,600,0,0	COA	DUS	
3	D.G. Sets	250 KVA Dgs et	6	PM,SO ₂ ,NO _x ,CO, NMHC	0,0,0,0,0	DIE	AEC	

Note:

SCR : Scrubber

DUS : Dust Collector

AEC : Accoustic Enclosures

Note:

- The DG set shall be provided with acoustic measures as per SI.No.94 in Schedule-I of Environment (Protection)Rules.
- There shall be no smell or odour nuisance from the industry.

LOCATION OF SAMPLING PORTHOLES, PLATFORMS, ELECTRICAL OUTLET.

- Location of Portholes and approach platform:

Portholes shall be provided for all chimneys, stacks and other sources of emission. These shall serve as the sampling points. The sampling point should be located at a distance equal to atleast eight times the stack or duct diameters downstream and two diameters upstream from source of low disturbance such as a Bend, Expansion, Construction Valve, Fitting or Visible Flame for rectangular stacks, the equivalent diameter can be calculated from the following equation.

$$\text{Equivalent Diameter} = \frac{2 (\text{Length} \times \text{Width})}{(\text{Length} + \text{Width})}$$

- The diameter of the sampling port should not be less than 100 mm dia". Arrangements should be made so that the porthole is closed firmly during the non sampling period
- An easily accessible platform to accommodate 3 to 4 persons to conveniently monitor the stack emission from the portholes shall be provided. Arrangements for an Electric Outlet Point of 230 V 15 A with suitable switch control and 3 Pin Point shall be provided at the Porthole location.
- The ladder shall be provided with adequate safety features so as to approach the monitoring location with ease.

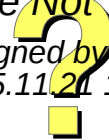
For and on behalf of the
Karnataka State Pollution Control Board



Signature Not Verified

Digitally signed by

*Date: 2025.11.21 17:43:32
+05:30*



ANNEUXRE-1
ADDITIONAL CONDITIONS
[PCB ID:83594 ; INWARD NO. 210299]

ADDITIONAL CONDITIONS TO ACCOMPANY THE CONSENT FOR OPERATION TO M/S. VIRUPAKSHA ORGANICS PVT LTD PLOT NO. 100 (P2), KIADB INDUSTRIAL AREA, HUMNABAD, BIDAR.

A.

1. This Consent for Operation is issued under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981.
2. This Consent of Operation is issued for the manufacture of **α,α -dimethyl-4 {4-(4-(Hydroxy Diphenyl (Methyl)-Piperidinyl)-1-Hydroxy Butyl Phenyl Acetic Acid} (Fexofenadine Base) of capacity 4.0 TPM.**
3. The quantity shall not exceed the quantity indicated against the above product.
4. The applicant shall comply with the conditions stipulated in Environmental Clearance issued by SEIAA, Karnataka, vide EC No. SEIAA 43 IND: 2010dated 03.10.2013.
5. **This Consent for Operation under Water Act, 1974 and Air Act, 1981 is valid for the period up to 30.06.2029.**

B. WATER POLLUTION CONTROL:

1. The source of water shall be **KIADB**.
2. The details of water consumption, effluent generation and mode of treatment and disposal shall be as under:

Sl. No.	Purpose	Water requirement in KLD	Effluent generation in KLD			Treatment method
			HTDS	LTDS	TOTAL	
1	Domestic	1.2(F)	-	-	1.0	The sewage shall be treated in Septic tank and Soak pit designed as per IS 2470 Part I & II. There shall be no overflow from soak pit.
2	Process	2.64(F)	2.91	--	2.91	
3	Scrubbing	1.6(F)	2.0	-	2.0	HTDS effluent shall be treated in MEE of capacity 15 KLD followed by ATFD.
4	Boiler	4.0 (F)	-	1.2	1.2	
5	Cooling tower	1.0	-	0.2	0.2	LTDS effluent and MEE condensate shall be treated in BTP of capacity 15 KLD followed by RO. The RO permeate shall be utilized for cooling tower /Boiler feed to achieve ZLD. RO reject shall be treated in the MEE. The salt generated shall be disposed to TSDF.
6	Washing	3.0(F)	3.0	--	3.0	
Total		13.44	7.91	1.4	10.31	

F- Fresh water ; R- Recycled water



3. Within the production area the trade effluent shall be conveyed to collection tank (provided as tank in tank system) through open drain lined with acid/alkali resistant tiles and the drain shall be clearly visible all the times. Lying of any pipe lines along the drain or through the tiles is not permitted.
4. Only one collection tank in each production block is permitted below ground level for collection of trade effluent by adopting tank in tank system. The outer collection shall be constructed using Reinforced Cement Concrete in which system shall be provided with automatic water level controller to facilitate emptying of effluent to collection/neutralization tank with operating philosophy that collection tank provided in the production block is always empty.
5. The floor of the Effluent treatment Plant and collection tank area shall be provided with acid/alkali proof tiles.
6. The applicant shall provide separate energy meter to Effluent Treatment Plant for recording consumption of electricity on day to day basis.
7. The applicant shall ensure continuous operation of Online Continuous Effluent Monitoring System (on 24/7 basis) comprising of
 - a. Flow meter: Online flow meter with data recording facility which should be transmitted online to CPCB & KSPCB Server shall be provided separately for HTDS & LTDS line.
 - b. PTZ (Pan Tilt and Zoom) Camera: Online connectivity of IP camera with PAN, Tilt and Zoom 5X or above Focal length with night vision capability shall be ensured. The specification/ sensor used in online continuous monitoring system shall be in accordance with CPCB specification. The camera shall be installed in such a location where the entire ETP operation and recycling of treated effluents can be remotely monitored. The camera feed should be integrated with all camera controls (PAN, Zoom, Tilt) and shown on central platform where data on flow meter is displayed. The camera feed shall be provided without pre-requirement of any plug in software for data display or data submission and shall be available in the Google Chrome browser.
 - c. Calibration of OCEMS shall be undertaken as per CPCB Guidelines and shall submit the report on calibration to the Board within 15 days of such calibration.
8. The applicant shall not allow Storm water to get mixed with the trade and/or sewage effluent on the upstream of the terminal manholes where the flow measuring devices will be installed.
9. Storm water management plan shall be prepared by engaging an expert and get it implemented before trial production of the plant.
10. The applicant shall establish Rain Water Harvesting system comprising of RCC sump/tank of adequate capacity to store the rain water harvested and provisions shall be made to completely use the rain water collected in the tank. Percolation pit for percolation of rain water inside the industry is not permitted.
11. The pipelines carrying fresh water, raw -trade effluent, treated trade effluent, rain water shall be painted with distinct color for easy identification.
12. The floor of the process area shall be provided with acid/alkali resistant tiles or granite with chemical resistant joints with proper slope
13. The trade effluent from the process area (collection tanks) shall be pumped to effluent treatment Plant through dedicated pipe lines.



14. The applicant shall provide adequate storage area with permanent roof and impervious floor for storing chemicals.
15. No chemical is permitted to be stored outside on naked ground during operation of the industry.
16. The applicant shall provide 4 piezometer wells within the industry premises to monitor ground water during the time of operation. These wells shall be located within a distance of 10 meters from production blocks/Effluent Treatment Plant.

C. AIR POLLUTION CONTROL:

1. The discharge of air emissions from the premises of the applicant shall pass through the air pollution control equipment and discharged through stacks/chimneys mentioned in **Annexure - A** where from the Board shall be free to collect the samples at any time in accordance with the provisions of the Act and Rules made there under
2. The type of emissions, tolerance limits, stack heights and the Air pollution equipment shall be installed/provided as specified in **Annexure - A** the stacks shall have port holes and platforms as per the guidelines specified to facilitate monitoring of emissions.
3. The industry shall upgrade/modify/replace/change the control equipment /chimney height, if stack attached to any of the source/s is/ are found inadequate to meet the standards stipulated in **Annexure - A**. Prior permission of the Board shall be obtained for the same.
4. The industry shall prevent solvent loss by installing double condenser systems and connecting the vents to a carbon tower to minimize the fugitive emissions.
5. Vents of the Centrifuge shall be connected to scrubber.
6. In plant control measures for controlling fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage for raw materials/finished products, closed handling & conveyance of chemicals/materials, providing multi cyclone separator and water sprinkling system.
7. Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control fugitive dust emissions.
8. For control of fugitive emissions, following additional measures shall be implemented;
 - a. Closed handling system shall be provided for chemicals.
 - b. Reflux condenser shall be provided over reactor.
 - c. System of leak detection and repair of pump/pipeline based on preventive maintenance.
 - d. The acid shall be taken from storage tanks to reactors through closed pipeline.
 - e. Storage tanks shall be vented through trap receiver and condenser operated on chilled water.
9. Prevention of Solvent Losses: The applicant shall design the appropriate scientific measures for Solvent management and implement the same during installation of equipment & same is as follows :
 - a. Reactor shall be connected to chilled brine condenser system
 - b. Reactor and solvent handling pump shall have mechanical seals to prevent leakages
 - c. The condensers shall be provided with sufficient Heat Transfer Area (HTA) and residence time so as to achieve more than 95% recovery.
 - d. Solvents shall be stored in a designated space specified with all safety measures including Nitrogen blanketing.
 - e. Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.

10. The industry shall comply with the Board Office Addendum dated 12.06.2024 w.r.t. Retrofitting of Emission Control Devices (RECD) to the Diesel Generator Sets as follows:
 - a. Use of certified RECD from approved manufacturers for in-use DG Sets of 61 KW to 800 KW (1000 KVA) capacity which are older than five years from date of manufacturing and up to its useful life (i.e., 15 years from the date of manufacturing or 50,000 hours of operation, whichever is earlier) or use of dual fuel system for in-use DG Sets of less than 800 KW capacity up to its useful life as mentioned above or shifting to gen-sets meeting emission norms as per GSR 804 E dated 3.11.2022.
 - b. Adopt any suitable Air Pollution Control Device (APCD) strictly subject to compliance to emission standards notified vide GSR 489 E dated 09.07.2002 for DG Sets more than 800 KW.

D. SOLID WASTE MANAGEMENT:

1. The industry shall establish scientific facility for collection, storage, treatment and disposal of all the solid waste generated from the process other than wastes covered under the Hazardous and Other Waste (Management & Transboundary Movement) Rules, 2016 in such manner so as not to cause environmental pollution.
2. Provision shall be made for systematic storage of boiler ash generated. Fly ash shall be sent to brick manufacturer and details shall be submitted to Regional Office within 5th of every month.

E. HAZARDOUS WASTE MANAGEMENT :

1. The applicant shall apply and obtain authorization under the Hazardous & other wastes (Management & Transboundary Movement) Rules, 2016 after obtaining CFO.
2. The applicant shall provide scientifically designed, dedicated storage area with proper ventilation for storing various categories of hazardous wastes. The storage area shall be provided with impervious floor and constructed in such a way that, the area is divided into different cells to store different categories of waste.

F. SELF MONITORING AND REPORTING:

1. The applicant shall carry out Environmental Quality Monitoring (Ground Water, Effluent (LTDS/HTDS), Air Emissions, Ambient Air/Noise) on monthly basis and submit the monitoring reports to the Board.
2. The applicant shall carry out the ambient air quality monitoring and submit the report to the Board. The AAQM shall be carried out in all the established stations as per the requirement under the National Ambient Air Quality Monitoring Standards stipulated in Environmental (Protection) Rules, 1986. Monitoring shall include the parameters PM_{2.5}, PM₁₀, Sulphur dioxide, Nitrogen Oxide, Ammonia. The industry shall furnish statistical analysis for annual average of pollutants at all the locations as per Ambient Air Quality standards Notification once in a year. The monitoring shall be carried out as per National Ambient Air Quality Standards notified by MoEF & CC vide No.GSR. 826(E) dated 16.11.2009.

G. GENERAL:

1. The area around production block, utilities, raw material storage area and the area used for movement of vehicles shall be provided with RCC flooring/asphalted.
2. The applicant shall provide dyke wall of sufficient height around the chemical /solvent storage tanks.
3. The Industry shall explore the possibility of using solar energy.

4. The industry shall comply with Plastic Waste Management Rules and E-Waste Management Rules.
5. The applicant shall submit half yearly consent conditions compliance report to the Board on or before 30th October for the period April to September and on or before 30th April for the period October to March.
6. The applicant shall submit Form-V as per Environment (Protection) Rules, 1986 before 30th September every year for the previous financial year after obtaining Consent for Operation.
7. The Industry shall conduct Awareness Programme on Environmental Pollution among Employees and community.
8. The applicant shall adopt the principles listed in the Mission Life - Lifestyle for Environment List of Actions enlisted on the URL, <https://moef.gov.in/en/mission-life/list-of-actions/>, towards an environmentally conscious lifestyle and shall impart training to employees on the same
9. The project authorities shall obtain all other statutory permissions under all such Acts whichever is applicable. This consent will not prevent operation of other laws in force. Failing to comply with any such provision will attract penal action under such Acts. The project authorities shall be solely responsible for such violations. This consent should not be used to circumvent any other statutory provisions.
10. The industry shall switch over to CNG/Natural Gas as and when it is available.
11. The applicant shall not change or alter (a) raw materials or manufacturing process (b) change the product (c) the quality, quantity or rate of discharge/emissions and (d) install/replace/alter the water or air equipment without the prior approval of the Board.
12. The applicant shall maintain register recording the ambient air quality, stack monitoring and analysis report of treated effluent. The register shall be open for inspection by the Board Officers at all time.
13. An inspection Register shall be opened and made available to the Board Officers during their visit to the factory
14. The applicant shall submit the approved On-Site / Off-Site Emergency Plan to the Board.
15. The applicant shall obtain insurance under Public Liability Insurance Act 1991 and also pay equivalent premium to the Environment Relief Fund (ERF) as per the said Act and submit copy to the Board.
16. Non-compliances to the conditions stipulated, Board has the right to withdraw the consent.


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ANNEXURE -A

Sl. No	Chimney attached	Minimum chimney height to be provided above ground level(AGL)/ above roof level (ARL) in m	Constituent to be controlled in the emission	Tolerance limits mg/Nm ³	Air pollution control equipment to be installed, in addition to chimney height as per Col.3)
1	Boiler – 1.5 TPH (Coal /Briquette)	30 m AGL	PM NO _x SO ₂	150 300@6% dry O ₂ 600@6% dry O ₂	Dust collector
2	D. G. Set – 250 KVA	6 m ARL	SO ₂	--	Acoustic enclosure
3	Production Block-1 (SSR-7 and GLR-3)	9 m ARL	Acid/alkali mist	35	Two-stage scrubber

Note

- Chimney Height and Air Pollution Control Equipment Stipulated above shall be installed at all time.
- The industry shall establish Nitrogen blanketing system for efficient storage of solvents and to minimize solvent losses.
- The industry shall achieve the total cumulative losses of solvent & should not be more than 5% of the solvent on annual basis from storage inventory.
- The Emission from the vents in the tank farm area shall confirm to standards stipulated in G.S.R 541 (E) Dated: 06.08.2021.
- Volatile Organic Compounds (VOCs)/ Fugitive emissions shall be controlled at 99.97% with effective chillers /modern technology. Regular monitoring of VOCs shall be carried out.



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