



Ref. No.: CSCPL/MOEF/2025-26/27

Date: 27 Nov 2025

To,  
The Regional Officer,  
Ministry of Environment, Forest and Climate Change (MoEF) – Bangalore,  
SEIAA – Karnataka,  
Forest, Ecology and Environment Department,  
Room No. 706, 7th Floor, 4th Gate,  
M.S. Building,  
Bangalore – 560001

Subject: Submission of Compliance Status Report for Environment Clearance (EC) – Reg.

Reference:

- Environment Clearance No. SEIAA 15 IND 2016 dated 26-04-2017
- Corrigendum to Environment Clearance dated 21-09-2019
- Amendment to Environment Clearance, dated 31.05.2025

Dear Sir,

With reference to the above-mentioned Environment Clearance (EC) issued to Catasynth Speciality Chemicals Pvt Ltd, we hereby submit the Half-Yearly Compliance Status Report for the period April 2025 to September 2025.

We also wish to inform you that, currently site is non-operational and is under Repair & Maintenance phase

We request you to kindly acknowledge the receipt of the same.

Thank you,

Yours faithfully,

For Catasynth Speciality Chemicals Private Limited

Authorized Signatory

Enclose: Environment clearance compliance copy and relevant annexures mentioned in the compliance report

CC To,

The Environmental Officer, Karnataka State Pollution Control Board, Parisara Bhavana, 10B, Baikampady Industrial Area, Mangalore – 575011, Karnataka

RECEIVED  
Regional Office  
Karnataka State Pollution Control Board  
Plot No. 10-B, Baikampady Industrial Area  
Catasynth Speciality Chemicals Private Limited



**COMPLIANCE REPORT TO THE CONDITIONS STIPULATED IN THE  
ENVIRONMENTAL CLEARANCE ISSUED BY STATE LEVEL  
ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, KARNATAKA**

Vide

No. SEIAA: 15 IND: 2015 dated on 26<sup>th</sup> April 2017

FOR

M/s. Catasynth Speciality Chemicals Pvt Ltd.

**COMPLIANCE TO ENVIRONMENTAL CLEARANCE**

for the period of April-2025 to October-2025

Sl No.	Condition	Compliance to Condition
<b>PART A - SPECIFIC CONDITIONS</b>		
01	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.	The applicable National emission standard for organic chemical manufacturing Industry is being followed and complied.
02	The total wastewater generation shall not exceed 330.1 KLD. The industrial effluent of 295.1 KLD shall be treated in CETP of MSEZL. The project proponent shall submit a MoU entered in to with MSEZL in this regard along with route map of effluent pipe and operational arrangements. The MoU shall also cover the safety aspect of the pipe line carrying effluent to the CETP.	We will ensure that there is no deviation with respect to freshwater consumption and generation of Wastewater. We have already completed the MOU with MSEZL CETP for treatment of wastewater.  <b>Annexure-1 attached (MOU with MSEZL CETP)</b>
03	The project proponent shall ensure safe and scientific disposal of the treated water that would be available in excess of the treated water proposed to be recycled.	Wastewater from the process is being treated at ETP consisting of Evaporation and Biological treatment. Followed by the biological treatment, the partially treated water is being sent to CETP for further treatment. Blowdowns from Boiler & Cooling towers are treated at Reverse Osmosys plant and treated water is used for internal requirements.
04	Total water requirement from MSEZL water supply shall not exceed 688.3 KLD and prior permission shall be obtained from the concerned Authority. No ground water shall be used.	Agreed. Total water requirement from MSEZL is within the quantity specified.  No ground water is used

05	<p>The process emissions from the boiler shall be dispersed through stack of Adequate height as per CPCB/ KSPCB standards. The gaseous emissions from the DG set/ Boiler shall be dispersed through stack height as per CPCB/KSPCB standards shall be provided. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.</p>	<p>Boiler &amp; DG chimney are installed as per CFO norms. And stack emissions are being dispersed as per the consent conditions. Acoustic enclosure is provided for DG.</p>
06	<p>Ambient air quality data shall be collected as per NAAQS standards notified by the Ministry vide G.S.R. No. 826(E) dated 16th September 2009. The levels of PM10, PM2.5, SO2, NOx, CO, VOC, HBr, NH3, H2S, HF 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 KSPCB.</p>	<p>Ambient air quality are monitored through NABL accredited lab.</p> <p>Monitored results have been submitted to regional offices of MOEF &amp; KSPCB on 22 May 2025</p>
07	<p>The proponent shall ensure that the effluent disposal pipeline is monitored by the company, and it shall be ensured that there is no leakage from the pipeline. In case of any such eventualities, the company shall immediately stop disposal through the pipeline and take the corrective measures.</p>	<p>The effluent disposal to CETP is monitored regularly and conditions of the pipelines are in good conditions</p>
08	<p>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 KSPCB. The levels of PM10, PM2.5, SO2, NOx, CO, HBr, NH3 H2S, HF 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.</p>	<p>Compliance to environment clearance along with the monitored data will be displayed at company website.</p> <p>The air emission details are displayed near main gate of the company as per the format prescribed by the KSPCB</p>
09	<p>The company shall install an online monitoring system in the proposed plants with an arrangement to reflect the monitored data on the company's server, which can be accessed by KSPCB on real time basis. In addition to this, the company shall also install online NOx</p>	<p>Company is monitoring the stack emissions through NABL accredited lab and emission details are displayed at the entrance of main gate.</p>

	analyzers for the existing boilers. The real time data sharing shall be worked out in the consultation with the KSPCB.	Also company is in process of switching to gaseous fuel as and when the provisions are made available at the SEZ facility
10	The Company shall obtain Authorization for collection, storage and disposal of hazardous waste under Hazardous and other wastes (Management and Trans boundary Movement) Rules, 2016 for management of Hazardous wastes and prior permission from KSPCB shall be obtained for disposal of solid/ hazardous waste to the TSDF. The concerned company shall undertake measures for firefighting facilities in an emergency.	<p>Hazardous waste authorization is obtained With No 348654 dated 09.05.2025 valid till 30 June 2029</p> <p>Waste generation, storage &amp; disposal is carried out in accordance with the Hazardous waste (management &amp; Transboundary) rules.</p> <p>Firefighting equipment's has been installed for handling any emergencies.</p> <p><b>Annexure-2 attached (Hazardous Waste Authorization)</b></p>
11	The proponent shall ensure that the post project environmental monitoring is carried out through the reputed institutes / organizations in order to assess the changes if any in the marine environment due to disposal of effluent.	As per the environmental clearance issued, our treated effluent is being disposed to the CETP of MSEZ, there is no direct disposal to sea.
12	The project proponent shall maintain proper record of disposal of both the liquid and solid wastes shall be maintained with proper acknowledgements for disposal in accordance with law.	The proper record is being maintained for disposal of both the liquid and solid waste and with acknowledgement for disposal in accordance with law.
13	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.	<p>Raw materials are handled with closed loop system, which ensures no fugitive emissions is being emitted.</p> <p>Fugitive emissions are monitored through NABL accredited lab once in 3 months as per conditions mentioned in the CTO.</p> <p><b>Annexure-3: Workplace monitoring report</b></p>
14	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.	Complied

15	<p>The company shall undertake following Waste Minimization measures: -</p> <ol style="list-style-type: none"> <li>Metering and control of quantities of active ingredients to minimize waste.</li> <li>Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.</li> <li>Use of automated filling to minimize spillage.</li> <li>Use of Close Feed system into batch reactors.</li> <li>Venting equipment through vapor recovery system.</li> <li>Use of high-pressure hoses for equipment clearing to reduce wastewater generation.</li> </ol>	<ol style="list-style-type: none"> <li>Waste minimization through optimization of procedures in done at initial stages of batch planning.</li> <li>Re-use of bi-products are being sent to authorized vendors for re-processing.</li> <li>Manufacturing areas are fully atomized through the Powder Transfer System &amp; Powder Charging System for raw material handling.</li> <li>Closed feed system is installed at the manufacturing areas through Powder Transfer System, Powder Charging System, Double valve hopper system, Glove box system</li> <li>Venting equipment connected to heat exchanger &amp; it is connected to primary condenser &amp; secondary condenser.</li> <li>Equipment cleaning is done with internally built cleaning mechanism (i.e Spray balls &amp; reflux mechanism)</li> </ol>
16	<p>For control of fugitive emission following steps shall be followed:</p> <ol style="list-style-type: none"> <li>Closed handling system shall be provided for chemicals.</li> <li>Reflux condenser shall be provided over the reactor.</li> <li>System of leak detection and repair of pump/pipeline based on preventive maintenance.</li> <li>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.</li> <li>Cathodic protection shall be provided to the underground solvent storage tanks.</li> </ol>	<ol style="list-style-type: none"> <li>Closed handling systems is provided for chemical handling such as Powder transmitter system.</li> <li>Reflux condensers is provided for the reactors.</li> <li>Preventive maintenance schedule is being followed to avoid any leakages or repairs.</li> <li>Acid handling is done with closed pipelines and with proper PPEs. Storage tanks vents are connected to trap receiver and condenser operated on chilled water.</li> <li>Solvent storage tanks are provided with anti-corrosion painting to avoid the corrosion.</li> </ol>
17	<p>Solvent management shall be as follows:</p> <ol style="list-style-type: none"> <li>Solvents used in the process shall be completely recovered and reused.</li> <li>Efforts are to be made to recover inorganic salts.</li> <li>Reactors shall be connected to chilled brine condenser system.</li> <li>Reactor and solvents handling pump shall have mechanical seals to prevent leakages.</li> <li>The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery.</li> </ol>	<p>Agreed and will be followed.</p> <ol style="list-style-type: none"> <li>Solvent used for the process are being recovered. Spent solvents are sent for reprocessing to be authorized vendor.</li> <li>Inorganic salts are sent for disposal to authorized facilities.</li> <li>Chilled brine condenser system is connected to the reactors.</li> <li>Mechanical seals are provided to pumps to prevent leakages.</li> <li>Condensers provided sufficient HTA for optimizing solvent recovery.</li> </ol>

	<p>f. Solvents shall be stored in a separate space specified with all safety shall be stored in a separate space specified with all safety measures.</p> <p>g. Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.</p> <p>h. Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.</p> <p>i. 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.</p>	<p>Recovered solvents are disposed to authorized vendors for further processing.</p> <p>f) Solvents are stored in tank farms with all safety measures.</p> <p>g) Earth rite systems are provided for Solvents storage and handling areas.</p> <p>h) All the electrical fittings in the plant and storage tank area are flameproof. Breather valves and Nitrogen inertization facilities provided solvent storage tanks.</p> <p>i) Hydrocarbon detector are installed to monitor the emission from the work place process condensers.</p>
18	Regular preventive maintenance for avoiding leakage, spillage etc.	Preventive maintenance scheduled is followed for critical equipment's and pipelines
19	Multi-cyclone followed by bag filter shall be provided to the boilers to control particulate emissions within 100 mg/Nm <sup>3</sup> . The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/KSPCB guidelines.	<p>As per the Corrigendum issued on 21.09.2019 to the environment clearance, the said condition has been revised to "The project proponent shall adopt suitable pollution control measures for control pollution from the boilers and the gaseous emission shall be dispersed through the stack of adequate height as per CPCB/KSPCB guidelines". Hence, we have complied to the requirement of providing stack of 46 meters' height</p> <p><b>Annexure-4, Copy of EC corrigendum issued to the site</b></p>
20	<p>Two stage chilled water/ caustic scrubber shall be provided to process vents to control HCL</p> <p>Two stage scrubbers with caustic lye media solution shall be provided to process vents to control SO<sub>2</sub>.</p> <p>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.</p>	<p>Two stage Scrubbers are installed to prevent Acid mist and other emissions.</p> <p>Scrubbing media are being sent to ETP for treatment.</p> <p>Scrubber stack is monitored through NABL accredited lab.</p> <p><b>Annexure 5: Scrubber Stack monitoring report</b></p>
21	As proposed spent carbon shall be sent to cement industries. ETP sludge process (Inorganic and organic) and evaporation salt shall be disposed off to the TSDF for land filling/incineration.	Complied

38	Storage facilities for the fuel shall be made in the plant area in consultation with Department of Explosives, Nagpur. Disaster Management Plan shall be prepared to meet any eventuality in case of an accident taking place due to storage of Fuel.	PESO licenses have been obtained for storage of flammable chemicals.  Onsite Emergency and mock drill is in place for handling any emergencies.
39	The company shall adopt Corporate environment policy as per the ministry O.M. No. J-11013/41/2006-IA.II(I) dated 26.04.2011 and implemented	The company has a Corporate Environment Policy.  <b>Annexure-6 attached (Copy of environment policy)</b>
40	Provisions CRZ notification, 2011 Notification no. S. O. 19 (E) 06.01.2011) shall be complied with if any part of the project site falls within the coastal regulation zone as defined in the above said notification.	Not applicable as site does not fall under the CRZ
	The project proponent shall replace Raney Nickel with Palladium/ Carbon	<b>Specific condition -41,</b> As the group companies Raney Nickel is extensively used as a catalyst in hydrogenation reactions with all the safety measures. Corrigendum/modification applied and received. <b>Corrigendum letter received from SEIAA dated on 21.09.2019 and NO-SEIAA 15 IND 2016 (26.04.2018).</b> <b>Annexure-3, Cope of EC corrigendum issued to the site</b>
42	The Project authorities also shall earmark at least 2.5% of the total cost of the project towards corporate social responsibility and item-wise details along with time bound action plan shall be prepared and submitted to the Authority.	CSR funds are being allocated as required
<b>B. GENERAL CONDITIONS</b>		
1	The project authorities shall strictly adhere to the stipulations made by the Karnataka State Pollution Control Board (KSPCB).	Noted and is followed
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.	Noted and is 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 to assess the	No further expansion or modifications in the plant will be carried out without prior approval of the SEIAA / Ministry of Environment and Forests as the case may be.

	adequacy of conditions imposed and to add additional environmental protection measures required, if any.	
4	The gaseous emissions (PM10, PM2.5, SO2 NOx, CO, HBr, NH3, H2S, HF, and VOC) 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 PM10, PM2.5, SO2 NOx, CO, HBr, NH3, H2S, HF, and VOC shall be carried.	Gaseous emissions from the process and as well as the utilities are monitored through NABL accredited lab.  Reports are attached as Annexure
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 MVA, 1989. Authorization from KSPCB shall be obtained for collection, treatment, storage, disposal of hazardous wastes.	We will be strictly complying with MVA and Manufacture, Storage and Import of Hazardous Chemicals Rules 1989. We have obtained Authorization for collection, storage and disposal of hazardous waste under the Hazardous and other wastes (Management and Trans boundary Movement) Rules, 2016 for management of hazardous waste.
6	The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous waste in accordance with the Hazardous and other Wastes (Management and transboundary movement) Rules, 2016. Authorization from KSPCB must be obtained for collection, treatment/storage/disposal of hazardous wastes.	Hazardous wastes handled in accordance with Hazardous and other Wastes (Management and transboundary movement) Rules, 2016.
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.	The proposal for installation of Solar panels and using of Solar power for lighting purpose is under discussion. Initiation of the project will be communicated to the board at the earliest
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	Overall noise levels are below 75 dBA(Daytime) and below 70 Dba(Night time)

	standards prescribed under Environment (Protection) Act, Rules, 1989 viz, dBA(daytime) 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.	Noted and is complied with
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 Regional Director department of Environment and Ecology Mangaluru. A six-monthly compliance status report shall be submitted to monitoring agencies.	Noted and is complied.  Previous 6 month compliance report was submitted on 23.05.2025
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 be seen at website of the Authority at <a href="http://www.seiaa.kar.nic.in">http://www.seiaa.kar.nic.in</a> . or <a href="http://www.seiaa.karnataka.gov.in">http://www.seiaa.karnataka.gov.in</a> . or <a href="http://environmentalclearance.nic.in">http://environmentalclearance.nic.in</a> This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspaper 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 be forwarded to the MoEF Regional Office at Bangalore / KSPCB / CPCB and the Regional Director Department of Environmental & Ecology, Mangaluru.	Noted and is complied with
12	The project authorities shall inform the MoEF Regional Office at Bangalore / KSPCB / CPCB and the Department of Environmental & Ecology, 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 and is complied with
13	The SEIAA, Karnataka may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted and bound to the conditions
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 & Agreed to the 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 Waste (Management and Handling)	Noted & Agreed to the conditions


	Rules, 2003 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	
16	The issue of Environment Clearance does not confer any right to the project proponent to operate / run the project without obtaining statutory clearances / sanctions from all other concerned authorities.	Noted.  Site has obtained all necessary statutory permissions from the 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.	Data / information provided in the compliance report are true and as per the conditions which are observed in the plant.
18	Any Appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred, within a period of 30 days as prescribed under section 16 of the National Environment Appellate Authority Act, 2010.	Noted & Agreed to the conditions
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 co-operation, facilities and documents / data by the project proponents during this inspection. A complete set of all the documents submitted to MoEF / SEIAA should be forwarded to the APCCF, Regional Office of MoEF, Bangalore / Regional director department of ecology and environment Mangaluru / Regional Officer, KSPCB Bangalore.	Noted & Agreed to the conditions.
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 & Agreed to the conditions
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 & Agreed to the conditions
22	All other statutory clearance 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.	Obtained all required licenses from respective departments

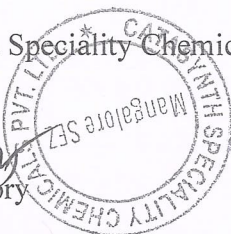
23	These stipulations would be enforced among others under the provisions of water (Prevention and Control of Pollution) Act 1974, The air (prevention and control of pollution) act 1981 the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.	Noted & Agreed to the conditions
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.	Construction started after obtaining the EC from SEIAA authorities.

Thanking you,

Yours Faithfully

For M/s. Catasynth Speciality Chemicals Pvt Ltd. Mangalore

  
Authorized Signatory



Copy to:

1. REO KSPCB Mangalore

**Enclosure:**

- Annexure- 01: CFO copy**
- Annexure- 02: STP treated water report.**
- Annexure- 03: DG & Boiler Stack Monitoring Reports for Boiler**
- Annexure- 04: Ambient Noise Level Monitoring report.**
- Annexure- 05: Hazardous waste Authorization**
- Annexure- 06: Indoor Air Quality Monitoring analysis & Workplace VOC Monitoring analysis**
- Annexure- 06: Ambient Noise Level Monitoring report.**
- Annexure- 07: Scrubber Monitoring report**
- Annexure- 09: Ambient & Indoor Noise Level Monitoring report.**
- Annexure- 11: Copy of EC-1 SEIAA 27 IND 2015**
- Annexure- 12: Copy of EC-1 Corrigendum SEIAA 27 IND 2015**
- Annexure-13: EC amendment SEIAA 27 IND 2021**