

NURAY CHEMICALS PVT. LTD.

Plot No.111, SIDCO Industrial Estate, Kakkalur, Thiruvallur District - 602 003.
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GST No:33AAECN0289P1Z2



11th April 2022

To

The Ministry of Environment and Forest & Climate Change,
Integrated Regional Office,
1st Floor, Additional Office Block for GPOA,
Shastri Bhawan, Haddo Road,
Nungambakkam, Chennai – 600 006.

Sub: Submission of documents for Certified Environmental Clearance Compliance Report for the
"Proposed expansion in existing premises of Nuray Chemicals Pvt.Ltd., located at Survey No:157 & 158, Plot No.
111, SIDCO Industrial Estate, Kakkalur, Thiruvallur Taluk, Thiruvallur District, Tamil Nadu State.

Reference:

EC obtained Vide Letter No. SEIAA/ TN/F.757/EC/5(f)/010/2013 dt. 28.11.2013

Sir / Madam,

We are proposing expansion within our existing facility at Survey No: 157 & 158, Plot No. 111, SIDCO Industrial Estate, Kakkalur, Thiruvallur Taluk, Thiruvallur District, Tamil Nadu State.

In this regard, we are submitting the letter with the compliance statement with supporting documents for the EC issued as vide the reference given

We request you to issue us with the certified EC compliance for the project.

Thanking you

Yours Faithfully

For Nuray Chemicals Pvt.Ltd.

A handwritten signature in blue ink, appearing to be the initials "JF".

Authorized Signatory



Enclosure : Compliance to the conditions of Environmental Clearance with Supporting documents

ENVIRONMENTAL CLEARANCE COMPLIANCE REPORT

For

M/s. NURAY CHEMICALSPVT. LTD.

At

Sy.No. 157 & 158, Plot No.111

SIDCO Industrial Estate

Kakkalur Village

ThiruvallurTaluk

Thiruvallur District

Tamil Nadu

EC obtained Vide Letter No. SEIAA/ TN/F.757/EC/5(f)/010/2013 dt. 28.11.2013

Prepared by



**ENVIRONMENTAL CONSULTANT
HUBERT ENVIRO CARE SYSTEMS (P) LTD
CHENNAI 600032**

April 2022

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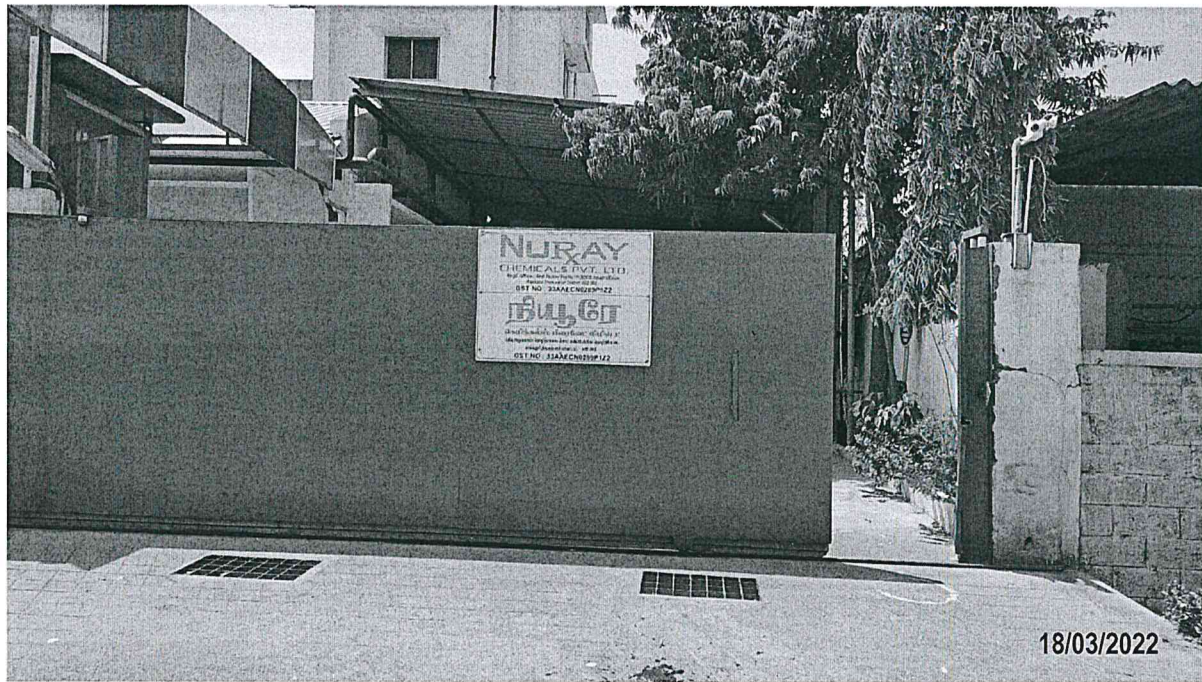
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1.0 PROJECT DETAILS

Name of the Project	M/s. Nuray Chemicals Pvt. Ltd.,
Project Description	Proposed Pharmaceutical unit with a capacity of 0.038 T/M
S.F No's/Plot No.	111
Location	158, Plot No.111,SIDCO Industrial Estate, Kakkalur Village, ThiruvallurTaluk, Thiruvallur district.
Environmental Clearance	SEIAA/ TN/F.757/EC/5(f)/010/2013 dt. 28.11.2013
Total Plot Area	0.749 ha
Water Requirement	27.5 KLD
Water Source	15 KLD through SIDCO and 12.5 KLD through recycled water.
Total Project Cost	Rs. 12.88 Crores

3.0 SITE PHOTOGRAPHS



4.0 SIX MONTHLY ENVIRONMENTAL CLEARANCE

COMPLIANCE STATEMENT

A. SPECIFIC CONDITION:

S.NO	CONDITIONS	STATUS OF COMPLIANCE
1.	"Consent for Establishment" shall be obtained from the Tamil Nadu pollution control Board and a copy shall be furnished to the SEIAA, Tamil Nadu before taking up of any construction activity at the site.	Condition complied. The CTE issued vide Consent order No. 6207 dated 21/02/2014 (Air Consent) & Consent order No. 6208 dated 21/02/2014 (Water Consent) are attached as Annexure-2 . CTO issued vide Consent order no 2008121127526 dated 06/02/2020 valid till 31 March, 2024 is enclosed as Annexure-3 .
2.	The process effluent from the plant shall be reused in the process as committed.	Total water requirement for the project is 27.5 KLD out of which 12.5 KLD is being met from recycled water. ZLD system is implemented for the project and the photographs are attached as Annexure- 4 .
3.	The gaseous emissions from DG sets shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.	Photographs of DG stacks and acoustic enclosures are attached as Annexure -5
4.	The gaseous emissions (SO ₂ , NO _x , HCL, CO, CO ₂ , VOC and HC) and particulate matter alone RSPM levels	Photographs of boiler, process & R& D stacks with process scrubbing system are enclosed

S.NO	CONDITIONS	STATUS OF COMPLIANCE
	<p>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 adopted by the unit, the respective unit shall not restart until the control measures are rectified to achieve the desired efficiency.</p>	<p>as Annexure-6.</p>
5.	<p>Ambient air qualities data shall be collected as per NAAQS standards notified by the Ministry vide G.S.R. 826(E) dated 16th September, 2009. The levels of PM₁₀, SO₂, NO_x, VOC, CO 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 located at Bengaluru, the respective Zonal office of CPCB and the TN Pollution Control Board.</p>	<p>Ambient Air Quality monitoring data is enclosed as Annexure-7 The display board photograph at the main gate is attached as Annexure-8 Till date the results of monitoring were not uploaded in the company's website. We assure that we will upload the six monthly EC compliance with monitoring reports in the website hereafter. Till date the six monthly EC compliance was not submitted to the Regional office of MoEF&CC, Zonal office of CPCB & TNPCB. We assure that we will submit the six monthly EC compliance reports hereafter.</p>
6.	<p>The location of ambient air quality monitoring stations shall be decided in consultation with the Tamil Nadu Pollution Control Board and it shall be</p>	<p>Condition accepted and the ambient air quality monitoring stations have been decided in consultation with the Tamil Nadu</p>

S.NO	CONDITIONS	STATUS OF COMPLIANCE
	ensured that at least one station is installed in the up wind and another in the downwind direction as well as where maximum ground level concentration are anticipated.	Pollution Control Board.
7.	In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emission shall be controlled by providing closed storage, closed handling & conveyance of chemicals/materials, multi cyclone separator and water sprinkling system. Fugitive emissions in the work Zone environment, product, raw materials storage area etc. Shall be regularly monitored and also displayed on website along with other data. The emissions shall conform to the limits stipulated by the TNPCB.	Fugitive emissions monitoring report in Work zone, raw material & product storage areas are enclosed as Annexure -9 . Closed handling system is followed for chemicals. Photograph is enclosed as Annexure-10 . Photographs of boiler stack and bag filter, cyclone separator are enclosed as Annexure-11 .
8.	For further control of fugitive emissions, following steps shall be followed: 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 as preventive maintenance. d) The acids shall be taken from storage tanks to reactors through trap receiver and condenser	Photograph of closed handling system is enclosed as Annexure-10 . Photographs of reflux condenser is enclosed as Annexure-12 . Standard Operating Procedures for preventive maintenance is enclosed as Annexure-13 . There are no storage tanks at site. All the solvents and acids are stored in small quantities in barrels.

S.NO	CONDITIONS	STATUS OF COMPLIANCE
	<p>operated on chilled water.</p> <p>e) Cathodic protection shall be provided to the underground solvent storage tanks.</p>	<p>Since there are no solvent storage tanks, Cathodic protection system is not provided.</p>
9.	<p>Solvent management shall be carried out as follows,</p> <p>a. Reactor shall be connected to chilled brine condenser system.</p> <p>b. Reactor and solvent handling pump shall have mechanical seals to prevent leakages.</p> <p>c. The condensers shall be provided with sufficient heat transfer area (HTA) and residence time so as to achieve more than 95% recovery.</p> <p>d. Solvents shall be stored in a separate space specified with all safety measures.</p> <p>e. Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.</p> <p>f. Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.</p> <p>g. All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.</p>	<p>Photographs of reflux condenser is enclosed as Annexure-12.</p> <p>Photograph of mechanical seal is enclosed as Annexure-13.</p> <p>Condensers are available and connected to reactors. Since the quantity of solvents used is less, there is no solvent recovery system proposed for the project.</p> <p>Photographs of solvent storage area are enclosed as Annexure-14.</p> <p>Photographs of earthing points are enclosed as Annexure-15.</p> <p>There is no tank farm area for solvent storage. All solvents are stored in barrels. Hence breather valves are not provided.</p> <p>Since solvents are stored in barrels, it is not connected with vent condensers.</p>
10.	Dedicated scrubbers and stacks of	Condition compiled. The

S.NO	CONDITIONS	STATUS OF COMPLIANCE
	appropriate height as per the central pollution control Board guidelines shall be provided to control the emissions from various vents. The scrubbed water shall be used in the process.	Photograph of scrubbers and stacks is enclosed as Annexure - 6.
11.	All the storage will be under negative pressure to avoid any leakages. Breather Valves, N ₂ blanketing and secondary condensers with chilled brine chilling system shall be provided to all storage tanks to minimize vapour losses. Closed handling system for chemicals and solvents shall be provided as committed. Magnetic seals will be provided for pumps/ agitators for reactors for reduction of fugitive emission. Solvent trap shall be installed whenever necessary. Reactor generating solvent vapours shall be connected to condensers with receivers.	There is no tank farm area for solvent storage. All solvents are stored in barrels. Hence breather valves are not provided. Since solvents are stored in barrels, it is not connected with vent condensers. Photograph of closed handling system is enclosed as Annexure-10. Photographs of reflux condenser is enclosed as Annexure-12.
12.	All venting equipment shall have vapour recovery system. All the pumps and other equipment's where there is a likelihood of HC leakages shall be provided with Leak detection and Repair (LDAR) system and LED indicators and Hydrocarbon detectors. Provision for immediate isolation of such equipment, in case of a leakage shall also be made. The company shall provide a well defined Leak detection and Repair (LDAR) programme for quantification	Reactors are connected to condensers and the photograph of condenser system is enclosed as Annexure-12. Standard Operating Procedures for preventive maintenance is enclosed as Annexure-13. There is portable Multigas detector used at site which can detect – Hydrocarbons, Oxygen and Carbene monoxide. Using this detector, the Hydrocarbons,

S.NO	CONDITIONS	STATUS OF COMPLIANCE
	and control of fugitive emissions. The detectors sensitivity will be in ppm levels.	Oxygen and Carbene monoxide levels are being monitored. Photograph of the multigas detector is enclosed as Annexure-16.
13.	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustics hoods, silencers, enclosures etc. On all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (protection) Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time)	Condition accepted and Noise monitoring results are enclosed as Annexure-17.
14.	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm. Solvent transfer shall be by pumps.	Chemicals are stored in drums, carboys etc. There is no tank far in the site, since the solvents are stored in drums.
15.	The company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management. Handling and Trans Boundary Movement) Rules, 2008 and amended as on date for management of hazardous wastes and prior permission from TNPCB shall be obtained for disposal of solid/ hazardous waste in the TSDF.	Condition compiled.The Hazardous Waste Authorisation valid till 03/06/2025 is enclosed as Annexure –18. Agreement with TNWML is enclosed as Annexure-19.
16.	The Company shall strictly comply with	Condition accepted and noted.

S.NO	CONDITIONS	STATUS OF COMPLIANCE
	<p>the rules and gridlines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All Transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act ((MVA) 1989.</p>	
17.	<p>The company shall undertake following waste minimization measures:</p> <ul style="list-style-type: none"> 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 materials substitutes in other process. 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. 	<p>Waste minimisation measures are followed for the project.</p> <p>There is no by product generation from the process.</p> <p>Automated filling is not practiced as the quantity of raw materials required are less.</p> <p>Closed feed system is being adopted.</p> <p>Reactors are connected to condensers and the photograph of condenser system is enclosed as Annexure-12.</p> <p>Cleaning of reactors are done manually. High pressure hoses are not used for cleaning.</p>
18.	<p>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 norms Measures shall be taken for fire fighting facilities in case of emergency.</p>	<p>Condition complied. The photograph of fire fighting system and flame proof protection is attached as Annexure-20.</p> <p>Fire license is enclosed as Annexue-21.</p>

S.NO	CONDITIONS	STATUS OF COMPLIANCE																																				
19.	As proposed, greenbelt shall be developed in 0.240 hectares out of total 0.749 hectares. Selection of plant species shall be as per the CPCB guidelines.	<p>Green belt is developed along the periphery of the site, along the blocks and outside the site. Photographs of green belt is enclosed as Annexure-22.</p> <p>Details of trees within the site with numbers are given below</p> <table border="1" data-bbox="906 638 1391 1171"> <thead> <tr> <th>S. No</th> <th>Name of tree</th> <th>Inside</th> <th>Outside</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Neem trees</td> <td>5</td> <td>13</td> </tr> <tr> <td>2</td> <td>Java plum</td> <td>6</td> <td>1</td> </tr> <tr> <td>3</td> <td>Beech trees</td> <td>0</td> <td>10</td> </tr> <tr> <td>4</td> <td>Ashoka trees</td> <td>25</td> <td>0</td> </tr> <tr> <td>5</td> <td>Coconut trees</td> <td>3</td> <td>0</td> </tr> <tr> <td>6</td> <td>Small plants</td> <td>300</td> <td>0</td> </tr> <tr> <td>7</td> <td>Croton plants</td> <td>10</td> <td>0</td> </tr> <tr> <td>8</td> <td>Gauva trees</td> <td>0</td> <td>2</td> </tr> </tbody> </table>	S. No	Name of tree	Inside	Outside	1	Neem trees	5	13	2	Java plum	6	1	3	Beech trees	0	10	4	Ashoka trees	25	0	5	Coconut trees	3	0	6	Small plants	300	0	7	Croton plants	10	0	8	Gauva trees	0	2
S. No	Name of tree	Inside	Outside																																			
1	Neem trees	5	13																																			
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5	Coconut trees	3	0																																			
6	Small plants	300	0																																			
7	Croton plants	10	0																																			
8	Gauva trees	0	2																																			
20.	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 surroundings environment.	The labourers used for construction purpose were local people. Hence labor camp was not proposed for the project.																																				
21.	National Emission Standards for Organic chemicals Manufacturing Industry issued by the Ministry vide	Condition accepted and noted.																																				

S.NO	CONDITIONS	STATUS OF COMPLIANCE
	G.S.R. 608 (E) dated 21 st July, 2010 and amended time to time shall be followed by the unit.	
22.	The proponent shall abide the condition / recommendations mentioned in the EIA report, Risk Analysis report study furnished by them.	Condition accepted and noted.
23.	A separate Environment Management cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environment Management and Monitoring functions.	Condition Compiled. The detailed Environment Management cell is attached as Annexure -23 . Full-fledged laboratory is not available. Basic parameters like pH, TSS, TDS are monitored. The samples are given to external laboratory for complete analysis.
24.	The Company shall harvest surface as well as rainwater from the rooftops of the buildings proposed in the expansion project 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.	Condition compiled. The photograph of Rainwater harvesting system is attached as Annexure-24 .
25.	<p>The Proponent shall submit within 3 months their policy towards corporate Environment Responsibility which should inter- alia address</p> <p>i. Standard operating process/ procedure to bring into focus any infringement / deviation/ violation of environment or forest norms/ condition.</p> <p>ii. Hierarchical system or</p>	The detailed Environment Management cell with roles & responsibilities is attached as Annexure -23 .

S.NO	CONDITIONS	STATUS OF COMPLIANCE
	Administration order of EC condition. iii. System of reporting of non-compliance/ violation of environmental norms to the Head of the Department or the state Government or stakeholders.	
26.	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.	Condition compiled. is attached as Annexure-25 . Medical records are enclosed as Annexure-26
27.	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	Agreement made with Head Master of Government Higher Secondary School, Seethanjeri, thiruvallur-602 206 for green belt development in the school is enclosed as Annexure-27 .

B. GENERAL CONDITIONS:

S.NO	CONDITIONS	STATUS OF COMPLIANCE
(i)	The Environment Clearance does not absolve the applicant/ proponent of his obligation / requirement to obtain other statutory and administrative clearance from other statutory and administration authorities.	Condition accepted and noted.
(ii)	In the case of any change in the scope of the project, a fresh appraisal by the	Condition accepted and noted.

S.NO	CONDITIONS	STATUS OF COMPLIANCE
	SEAC/SEIAA shall be obtained.	
(iii)	Occupational health surveillance of the workers shall be carried out on a regular basis and records shall be maintained as per the factories Act, 1948.	Condition accepted and noted. Health surveillance report is attached as Annexure -26
(iv)	Proper Housekeeping programmes shall be taken up.	Condition accepted and noted.
(v)	Usage of Personal Protective Equipments (PPEs) by all employees/workers shall be ensured.	Condition accepted and noted. The photograph of PPE is attached as Annexure-28 .
(vi)	The project proponent shall also comply with all the environmental protection measures and safeguards proposed in the EMP report.	Condition accepted and noted.
(vii)	Storage facilities for auxiliary liquid fuel such as LDO / HFO / LSHS shall be made in the plant area in consultation with Department of Explosives, Nagpur. Sulphur content in the liquid fuel will not exceed 0.5 %. Disaster management plan shall be prepared to meet any eventuality in case of an accident taking place due to storage of oil.	Fuel is stored only in barrels and there is no bulk storage. Hence PESO approval is not applicable. The Disaster Management Plan is enclosed as Annexure -29 .
(viii)	The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the date of this clearance letter, informing that the project has been accorded environmental clearance and copies of	Condition complied. The Company has advertised in the newspaper as per the regulation, in English and Tamil Language and the copy is attached as Annexure -30 .

S.NO	CONDITIONS	STATUS OF COMPLIANCE
	clearance letter are available with the TNPCB and may also seen at Website of the SEIAA, TN at http://seiaa.tn.gov.in	
(ix)	A copy of the clearance letter shall be sent by the proponent to concerned panchayat, ZilaParisad/ Municipal Corporation, urban local Body and the Local NGO, if any, from whom suggestions/ representations. If any, received while the processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	No representation was received from NGO so the Clearance letter was not sent to the local body. The Clearance letter has been uploaded in the company's website. Screenshot is enclosed as Annexure-31 .
(x)	The proponent shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF at Bengaluru, the respective Zonal Office of CPCB and the TNPCB. The criteria pollutant levels namely: SPM, RSPM (PM _{2.5} & PM ₁₀), SO ₂ , NO _x (ambient levels as well as stack emissions) shall be displayed at a convenient location near the main gate of the company in the public domain.	Till date the results of monitoring were not uploaded in the company's website. We assure that we will upload the Six monthly EC compliance with monitoring reports in the website hereafter. Till date the six monthly EC compliance was not submitted to the Regional office of MoEF&CC, Zonal office of CPCB & TNPCB. We assure that we will submit the six monthly EC compliance reports hereafter. Display of AAQ levels & stack emissions is not there.
(xi)	The environment statement for each financial year ending 31 st March in Form-	Environmental statement Form V is being submitted and the

S.NO	CONDITIONS	STATUS OF COMPLIANCE
	<p>V as is mandated to be submitted by the project proponent to the Tamil Nadu Pollution control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the MOEF, Bengaluru by e-mail.</p>	<p>same will be followed. Copy of Form V and acknowledgement is attached as Annexure – 32. Copy of Form V has not been put in company's website. Updation is in process and it will be uploaded in the website shortly.</p>
(xii)	<p>The Project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to the SEIAA, TN, and Regional office of the MoEF, Bengaluru, and Central Pollution Control Board. The project proponent shall upload the status of compliance of the environmental clearance conditions on their website and update the same periodically and simultaneously send the same by e-mail to the regional Office of the MoEF, Bengaluru.</p>	<p>Till date the six monthly EC compliance was not submitted to the Regional office of MoEF&CC, Zonal office of CPCB & TNPCCB. We assure that we will submit the six monthly EC compliance reports hereafter.</p>
(xiii)	<p>Regional Office of the Ministry of Environment & Forest, Bengaluru will monitor the implementation of the stipulated conditions. A complete set of documents including Environmental Impact Assessment Report and Environment Management plan along with the additional information submitted</p>	<p>Condition accepted and noted.</p>

S.NO	CONDITIONS	STATUS OF COMPLIANCE
	<p>from time to time shall be forwarded to the Regional Office of the MoEF, Bengaluru for their use during monitoring. Project proponent will upload the compliance status in their website and update the same from time to time at least six monthly basis. Criteria pollutants levels including NO_x(from stack & ambient air) shall be displayed at the main gate of the power plant.</p>	
(xiv)	<p>Separate funds shall be allocated for implementation of environmental protection measures along with item-wise break up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should be reported to the SEIAA, TN.</p>	<p>The Budget for Environmental protection measures with year of installation and the cost incurred is enclosed as Annexure-33.</p>
(xv)	<p>The project authorities shall inform the regional Office of the MoEF, Bengaluru as well as the SEIAA, TN regarding the date of financial closure and final approval of the project by the concerned authorities and the dates of start of land development work and commissioning of plant.</p>	<p>Condition accepted and noted.</p>
(xvi)	<p>Full co operation shall be extended to the scientists/ Officers from the SEIAA, TN/ Regional Office of the MoEF Bengaluru/CPCB/ TNPCB, who would be</p>	<p>Condition accepted and noted.</p>

S.NO	CONDITIONS	STATUS OF COMPLIANCE
	monitoring the compliance of environmental status.	
(xvii)	The SEIAA, TN reserves the right to revoke the clearance if conditions stipulated are not implements to the satisfaction of the SEIAA, TN. The SEIAA, TN may also impose additional environmental conditions or modify the existing ones, if necessary.	Condition accepted and noted.
(xviii)	The environmental clearance accorded shall be valid for a period of 5 years to start operations by the power plant.	Condition accepted and noted.
(xix)	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 Environment (protection) Act, 1986.	Condition accepted and noted.
(xx)	In case of any deviation or alternation in the project proposed including coal transportation system from those submitted to the SEIA, TN for clearance, a fresh reference should be made to the SEIAA, TN to assess the adequacy of the conditions imposed and to add additional environmental protection measures required, if any.	Condition accepted and noted.
(xxi)	The above stipulations would be enforced among others under the water (Prevention and control of Pollution) Act, the Air (Prevention and Control of	Condition accepted and noted.

S.NO	CONDITIONS	STATUS OF COMPLIANCE
	Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management, Handling & Transboundary Movement) Rules, 2008 and its amendments, the public Liability Insurance Act, 1991 and its amendments.	
(xxii)	Any appeal against this Environment Clearance shall be with the Hon'ble National Green Tribunal, if prepared with in a period of 30 days as prescribed under section 16 of the National Green Tribunal Act, 2010.	Condition accepted and noted.

5.0 ENVIRONMENTAL MONITORING DETAILS

It is mandatory to submit six month compliance report to MoEF Regional Office by the proponent. For the purpose of submitting six monthly compliance, environmental monitoring was carried out at site for the period of April 2021 to September 2021.

5.1 Ambient Air Quality Monitoring

The ambient air quality parameters such as Particulate matter <10 μ (PM10), Particulate matter <2.5 μ (PM 2.5), Sulphur dioxide, Oxides of Nitrogen (NOx) and Carbon monoxide were monitored. The test report of ambient air quality recorded and it is enclosed in **Annexure- 7**.

5.2 Ambient Noise Level Monitoring

Noise level is being monitored and the test report of ambient noise recorded and it is enclosed in **Annexure-17**.

5.3 Stack Emission monitoring

The existing Boiler and DG stack emission quality parameters such as Particulate matter, Sulphur dioxide, Oxides of Nitrogen (NOx), Acid mist and Flue gas temperature were monitored. The test report of stack emission quality recorded and it is enclosed in **Annexure-34**.

5.4 Groundwater Water Quality Monitoring

Ground water sample were collected from 4 locations near the site. The reports are enclosed in **Annexure- 35**.

5.5 Surface water Quality Monitoring

Surface water sample were collected from 3 locations near the site. The reports are enclosed in **Annexure-36**.

5.6 Soil quality monitoring

Soil quality was monitored at 4 locations and the soil samples were collected and analyzed for nutrients and heavy metals. The test report of soil samples collected and analyzed during the period October 2020 to March 2021 is enclosed in **Annexure-37**.

6.0 CONCLUSION

The environmental monitoring was carried out at site during the period of October 2021- March 2022.

All the conditions stipulated in Environmental clearance are being implemented.

For M/s. Nuray Chemicals Pvt. Ltd.



A handwritten signature in blue ink, consisting of stylized initials.

Authorized Signatory