



# **ENVIRONMENTAL CLEARANCE SIX MONTHLY COMPLIANCE REPORT: FIRST HALF-2025**

<b>EC Identification No.</b>	EC22B023TN110286
<b>File No.</b>	8560/2021
<b>Project/Activity including Schedule No.</b>	5(h) Integrated paint industry
<b>Name of Project</b>	EC for Integrated Paint manufacturing Industry with a total capacity of 8,75,000 KL/Annum at Plot No. A3/1, A4/2 of SIPCOT Industrial Park, Magajanampakkam Village, Cheyyar Taluk, Thiruvannamalai District.
<b>Name of Company/Organization</b>	M/S GRASIM INDUSTRIES LIMITED (BIRLA PAINTS DIVISION)
<b>Project Location</b>	Tamil Nadu

## ENVIRONMENTAL CLEARANCE CONDITIONS COMPLIANCE

S. No	Specific Conditions	Compliance	Annexures
1	The project proponent shall provide the green belt area not less than 38.74% of the land area all along the periphery of the unit and maximum green belt will be maintained in the downwind direction as reported. Selection of plants shall be as per the Appendix.	Complied. We are continuing the greenbelt development as per the norms. We have developed more than 35% of the green belt with local species specified in the EC/EIA. As of now, we have planted more than 11,000 trees on the unit premises.	<b>Annexure-1</b> Green belt development view
2	The project proponent shall operate and maintain the sewage treatment plant of capacity 30 KLD and Effluent treatment plant of capacity 150 KLD with ZLD effectively to meet out the standards prescribed by the CPCB/TNPCB	Complied. We have installed 100 KLD of Effluent Treatment Plant, 100 KLD of ETP RO, 15 KLD of MEE & ATFD as part of ZLD and 25 KLD Sewage treatment plant for the Phase-1 operation to meet out the CPCB/TNPCB Norms.	-
3	Necessary permission letter for supply of water shall be obtained from the competent authority before obtaining CTO from TNPCB	Complied. Executed Agreement with SIPCOT for supplying of 1200 KLD raw water.	-
4	The effluent generated from the process should be treated through STP and ETP to achieve the discharge standards prescribed by the CPCB/TNPCB	Complied. We are treating the effluent and sewage with the help of ETP and STP and achieving the board norms.	-
5	The proponent shall ensure the zero-liquid discharge	We are ensuring the ZLD discharge as per the norms.	-
6	The proponent shall provide adequate air pollution control measures for the process area	Complied. We have installed dust collectors and scrubbers as part of APC measures.	-
7	The proponent should continuously monitor the VOC and ensure that VOC levels are within permissible limits	Complied. The VOC sensors were fixed at scrubbers' outlet of water-based paint, emulsion, and source of	<b>Annexure-2</b> VOC Monitor view

		process area and monitoring effectively.	
8	The proponent shall obtain and maintain valid safety licenses for the concerned department for boiler, solvent/fuel/raw material storage areas etc.	We have obtained Fire NOC, Factory plan approval from DISH, Plan approval from Deputy Director of Public Health, Obtained PESO License for storage of petroleum products and obtained DTCP plan approval.	-
9	The proponent shall ensure the area earmarked for the boiler, further the proponent may submit the safety measures on the same to TNPCB before obtaining CTO	Complied and all the safety measures has been provided.	-
10	The proponent shall strictly follow the norms and guidelines mentioned in the Hazardous and Other wastes (Management and Transboundary Movement) Rules 2016, for the handling and disposal of hazardous waste to be generated	We have been adhering all the clauses of Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016 in managing HW generation and disposal.	-
11	The proponent shall periodically conduct and submit fire safety study, emergency evacuation plan, risk assessment study, occupational health safety study for the worst case scenario in regard to existing safety measures/standard operating procedures adopted for the process/equipment /utilities for operation and maintenance and storage areas of products, raw materials, solvent, fuel etc. in the different operating zones of the plant atleast once in a year to regularly identify safety fragile areas within the plant which requires regular monitoring and the proponent shall submit the same along with timeline for implementation of the said recommendations to the concerned departments.	<p>We have conducted Dust Hazard Analysis, Occupational Health Safety audit for the worst-case scenario.</p> <p>Periodic Fire drills were conducted and plan of actions for identified gaps were attended.</p>	<b>Annexure-3</b> Fire drill view
12	A detail report on the safety measure and health aspects including periodical audiometry, pulmonary lung function etc test reports once in a year for all the workers shall be submitted to TNPCB	The periodical medical examination was carried out as per the schedule for the year of 2024.	<b>Annexure-4</b> Periodic Medical Examination.
13	As the plant operation involves the sensitive processing, the medical officer and the supporting staff involved in the health centre activities shall	Complied.	-

	be trained in occupational health surveillance (OHS) aspects through the outsourced training from the experts available in the field of OHS for ensuring the health standard of persons employed.	We have OHC facility with medical officer, para medical assistants and driver with ALS Ambulance for ensuring the health standard of persons employed.	
14	The PP shall install online monitoring system at the point of exit of rainwater overflow from the site into the lake to ensure the quality of water meets the standards set by TNPCB.	We have installed online PH & TDS sensor for the point of exit of rainwater.	-
15	The PP shall endeavour to provide employment to local population, including providing vocational training / skill upgradation wherever necessary.	Preference will be given to local population, based on the qualifications, skillset and the Job Profile.	-
16	The PP shall adhere latest discharge standards as per Notification No. GSR 1241 (E) dt. 28.12.2018.	Being Complied.	-
17	As per the MoEF and CC office memorandum F.No 22-65/2017-IA.III dated 30.09.2020 and 20.10.2020. the proponent shall adhere the EMP as committed.	Being Complied.	-
18	As accepted by the PP the CER cost is Rs. 12.89 Crore and the amount shall be spent for activities as per the schedule.	CER work has been completed. Details enclosed in the annexure with breakup of cost.	<b>Annexure-5</b> CER Activities photos
19	Appendix-I - List of Native Trees Suggested for planting	More than 1050 Native species were planted with the help of District Forest Officer and Ranger.	-
<b>SEIAA Conditions</b>			
1	The proponent shall ensure that no treated or untreated trade effluent/sewage shall be discharged outside the premises under any circumstances	Being complied and treated or untreated trade effluent/sewage shall not be discharged outside the premises.	-
2	The proponent shall ensure that the EIA, EMP and disaster management plan should be adhered strictly.	Adhered to.	-

3	The proponent should strictly comply with, Tamil Nadu Government order regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act,1986.	Adhered to.	-
4	The proponent shall ensure that all the activities of EMP shall be completed before obtaining CTO from TNPCB.	Complied. We have completed all the EMP activities (ETP, STP, RO & MEE) as per the timeline.	-
5	Raw material procured and product produced should be lead free, as committed.	All our raw materials and Products were Lead Free.	-
6	Industry shall provide ETP/APC measures as Committed.	Complied. We have provided the ETP/APC measures as per the requirements.	-
7	Industry shall operate ETP, STP & APC measures and to provide appropriate monitoring mechanism to ensure continuous operation.	We have been operating ETP/STP/RO/MEE on continuous basis and appropriate monitoring have been implemented	-
8	The proponent shall ensure the zero liquid discharge.	Complied. We have Installed ZLD plant.	-
9	The project proponent, their activities should not cause harm to the natural vegetation/water bodies and other natural resources.	Facility is a ZLD facility. No harm would be caused to Natural Vegetation / water bodies and other natural resources	-
10	The project proponent shall ensure the activities should not cause any damage to the soil and natural seed banks.	We have constructed the ETP/STP above the ground and hence there won't be any damage to the soil and natural seed banks.	-
11	The project proponent shall provide medical facilities, possibly with a medical officer in the project site for continuous monitoring the health of construction workers during COVID and Post - COVID period.	We have provided OHC facility with qualified medical officer for continuous monitoring the health of the workers.	-
12	The proponent shall strictly follow the norms and guidelines mentioned in the Hazardous waste (Management) Rules, 2016 for the handling and disposal of Hazardous waste to be generated.	Complied. All the Hazardous wastes are disposed as per Hazardous waste	-



		(Management) Rules, 2016	
13	As the plant operation involves the sensitive processing, the medical officer and the supporting staff involved in the health centre activities shall be trained in occupational health surveillance (OHS) aspects through the outsourced training from the experts available in the field of OHS for ensuring the health standard of persons employed	Complied.  We have OHC facility with medical officer, para medical assistants and driver with ALS Ambulance for ensuring the health standard of persons employed.	-
14	Necessary permission letter for the supply of water shall be obtained from the competent authority before obtaining consent from TNPCB	Complied. We have Executed Agreement with SIPCOT for supplying of 1200 KLD of raw water.	-

**(A) Statutory compliance**

1	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act 1986, in case of the diversion of forest land for non-forest purpose involved in the project.	Not Applicable	-
2	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable	Not Applicable	-
3	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area	Not Applicable	-

4	The project proponent shall obtain Consent to Establish / operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.	CTO has been obtained from TNPCB and valid till March 31, 2028. Water act consent order No. 2305152368846 dated 26/10/2023. Air act consent order No. 2305252368846 dated 26/10/2023.	-
5	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time	Complied. We have a valid Hazardous Waste authorisation.	<b>Annexure-6</b> HW Authorisation copy
6	The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, as amended time to time' All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989	Being complied.	-
<b>(B)</b>	<b>Air quality monitoring and preservation:</b>		
1	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate this system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.	We have installed PM, SOx & NOx sensors at Boiler stacks as well as DG Stacks. VOC sensors at Scrubber stacks.	<b>Annexure-7</b> OCEMS photos
2	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.	In our plant, there is no fugitive emissions.	-
3	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM25 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an	Ambient Air Quality Monitoring Survey have been conducting as per the requirements within the plant area at four locations.  Latest ROA report enclosed for the reference	<b>Annexure-8</b> AAQ Survey ROA & report Copy

	angle of 120 each), covering upwind and downwind directions.	Also, we have installed CAAQMS for the upwind and downwind area.	
4	To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.	In our plant, there is no fugitive emissions as well as Coal is not used as fuel.	-
5	Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	Raw materials are stored in closed pipelines. RMs are stored in designated blocks/buildings	-
6	National Emission Standards for Organic Chemicals Manufacturing industry issued by the Ministry vide G.S.R. 608(E) dated 21st July 2010 and amended from time to time shall be followed.	Being complied.	-
7	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November 2009 shall be complied	Ambient Air Quality Emission monitoring is ongoing as per the EC requirements	-
<b>(C) Water quality monitoring and preservation:</b>			
1	The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises (applicable in case of the projects achieving ZLD)	We have procured Online continuous monitoring of effluent sensors and installed along with web camera facility for monitoring ZLD operation.	-
2	As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises (applicable in case of the projects achieving the ZLD).	Being Complied	-
3	The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever is more stringent	Adhered to.	-



4	Total freshwater requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CCWA in this regard.	Adhered to.	-
5	Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.	Dedicated drains provided for collection of storm water and Roof water. There is no possibility of mixing of Process effluent and storm water.	-
6	The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant	We have constructed storm water reservoir with the capacity of 15000 M3 and Roof water reservoir with the capacity of 7000M3. Around 7000 m3 water was reused for the utility.	<b>Annexure-9</b> Storm water and Roof water reservoir photo
7	The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard	Being Complied.	-
<b>(D) Noise monitoring and prevention:</b>			
1	Acoustic enclosure shall be provided to DG set for controlling the noise pollution.	Being Complied.	-
2	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation	Noise levels in and around the plant area shall be kept well within the standards by providing noise control measures such as acoustic hoods, silencers and enclosures etc.	-
3	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz.75 dB(A) during daytime and 70 dB(A) during night time	Adhered to.	-
<b>E) Safety, Public hearing and Human health issues:</b>			
1	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management plan shall be implemented.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) have prepared and implemented.	-

2	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms.	Fire hydrant systems and protection systems has been implemented as per TNFRS requirements.	-
3	The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	Being complied.	-
4	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.	Complied.  Pre employment and routine medical examinations has been carried out for all the employees as per requirement.	-
5	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Being Complied.	-
6	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act	Adhered to.	-
7	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places	Adhered to.	-
F)	<b>Corporate Environment Responsibility:</b>		
1	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1stMay 2018, as applicable, regarding Corporate Environment Responsibility.	Being Complied.	-
2	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/ violation of the environmental / forest /wildlife	Grasim Industries Limited, Birla Opus Paints Division have dedicated environmental policy duly approved by the Chief Executive Officer and it is displayed at our site.	-

	norms/conditions. The company shall have defined system of reporting infringements /deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF & CC as a part of six-monthly report.		
3	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive. who will directly to the head of the organization.	Complied. We have dedicated Environmental cell for regular monitoring.	-
4	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.	Complied. Year wise EMP progress already submitted in half yearly compliance report.	-
5	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Being Complied	-
G)	<b>Waste Management:</b>		
1	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.	Complied. All the hazardous chemicals are stored in above ground tanks. Fire protection as well as fire detection systems are available for tanks and transfer pumps.	-
2	Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.	Complied. HW waste disposal agreement has been executed with TSDF and other authorised recyclers.	-
3	The company shall undertake waste minimization measures as below:- 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	Complied. The Water meters were installed at appropriate locations and Closed loop systems was installed for RM Handling	-

	<p>substitutes in other processes.</p> <p>c. Use of automated filling to minimize spillage.</p> <p>d. Use of Close Feed system into batch reactors.</p> <p>e. Venting equipment through vapour recovery system.</p> <p>f. Use of high pressure hoses for equipment clearing to reduce wastewater generation</p>	to prevent leakages/spillages	
	<b>Air Environment</b>		
1	Stack emission levels should be stringent than the existing standards in terms of the identified critical pollutants.	Adhered to.	-
2	CEMS may be installed in all large/medium red category industries (air polluting) and connected to SPCB and CPCB server.	All the CEMS sensors were installed and connected to TNPCB server.	-
3	Effective fugitive emission control measures should be imposed in the process, transportation, packing etc.	In our industries, there is no fugitive emission.	-
4	Transportation of materials by rail conveyor belt, wherever feasible.	Complied. Installed EMS, STV, AGV packing conveyors	-
5	Encourage use of cleaner fuels (pet coke/ furnace oil / LSHS may be avoided).	HSD is used as a fuel.	-
6	Best Available Technology may be used. For example; usage of EAF/SAF/ IF in place of Cupola furnace. Usage of Supercritical technology in place of sub-critical technology.	High energy efficient Equipment's were installed. Example: Electrical motors are IE3 category. LED lights are used in our premises.	-
7	Increase of green belt cover by 40% of the total land area beyond the permissible requirement of 33%, wherever feasible.	We have developed green belt at 35% of total land area (38.74 acres). 11,000 trees have been planted as part of the green belt development.	-
8	Stipulation of greenbelt outside the project premises such as avenue plantation, plantation in vacant areas, social forestry, etc.	We have taken 11,000 tree saplings from district forest office with local species.	-
9	Assessment of carrying capacity of transportation load on roads inside the industrial premises.	Being complied.	-

	<b>Water Environment</b>		
1	Reuse/recycle of treated wastewater, wherever feasible.	STP water is 100% recycled. ETP treated water is recycled and reused to utility cooling tower make up.	-
2	Continuous monitoring of effluent quality/quantity in large and medium Red Category Industries (water polluting).	All the CEMS sensors were installed and connecting to SPCB server is under progress.	-
3	A detailed water harvesting plan may be submitted by the project proponent	We have constructed storm water reservoir with the capacity of 15000 M3 and Roof water reservoir with the capacity of 7000M3. The collecting rainwater will be utilized for different industrial operations within premises.	-
4	Zero liquid discharge wherever techno - economically feasible.	We have installed ZLD plant as per the requirements.	-
	<b>Land Environment</b>		
1	increase of green belt cover by 40% of the total land area beyond the permissible requirement of 33%, wherever, feasible for new projects.	We have developed green belt at >35% of total land area. 11,000 trees have been planted as part of the green belt development.	-
2	Stipulation of greenbelt outside the project premises such as avenue plantation, plantation in vacant areas, social forestry, etc.	Will be carried out after discussing with SIPCOT Authorities.	-
3	Dumping of waste (fly ash, slag, red mud, etc.) may be permitted only at designated locations approved by SPCBs/ PCCs.	Not Applicable	-
4	More stringent norms for management of hazardous waste. The waste generated should be preferably utilized in co processing.	We have made agreement with TSDF for co-processing of hazardous wastes.	-



5	Monitoring of compliance of EC conditions may be submitted with third party audit every year.	Evaluation of competent person (Third party) is under progress.	-
6	The % of the CER may be at least 1 .5 times the slabs given in the OM dated 01.05.2018 for SPA and 2 times for CPA in case of Environmental Clearance.	CER of Rs 12.89 Cr allotted for implementation of various activities committed in EIA report	-
H)	<b>SPECIFIC CONDITIONS:</b>		
1	It is mandatory for the project proponent to furnish to the SEIAA, Half yearly compliance report in hard and soft copies on 1st June and 1st December of each calendar year in respect of the conditions stipulated in the prior Environmental clearance issued.	Complied. The Half yearly compliance report in hard and soft copies on 1st June and 1st December of each calendar year have been submitted to MOEF & SEIAA and also uploaded in PARIVESH Portal.	-
2	"Consent for Establishment" shall be obtained from Tamil Nadu Pollution Control Board copy of the same shall be furnished to the SEIAA, Tamil Nadu before start of project and a construction activity at the site.	Complied	-
3	"Consent to Operate" should be obtained from the Tamil Nadu pollution Control Board before the start of the operation of the project and copy shall be submitted to the SEIAA-TN.	Complied. We have obtained the CTO and valid up to 30 <sup>th</sup> March, 2028.	-
4	The implementation of Environmental Management Plan in regard to treatment and disposal of sewage & Effluent, Solid waste Management, Hazardous - Waste Management, and CSR Activities should be carried out, as proposed and committed. Regular monitoring should be carried out during operation phases.	Being Complied.	-
5	The residue collected from the evaporator shall be documented by maintaining proper register and it should be made available at the time of inspection.	Being Complied.	-
6	Adequate dust extraction system such as Ducting with dust extracting arrangement wherever required shall be established to achieve	Adhered to.	-

	Occupational -health standards and ambient air quality standards.		
7	The proponent shall carryout best housekeeping practices as spillage management for handling and maintenance of raw materials and products inside the unit premises.	Adhered to.	-
8	Nature of chemicals Handled, the Do and Don'ts shall be displayed at all vital locations as laid down in MSDS.	Adhered to.	-
9	The proponent shall ensure that the quantity of Hazardous Waste handed over to the TSDF shall match with the quantity generated	Being Complied.	-
10	The proponent shall provide a separate closed area earmarked for storing solid waste including Hazardous Waste as proposed.	Dedicated covered storage area has been provided for HW storage. We have displayed all the name boards.	-
11	The proponent shall dispose Hazardous Waste generated as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016. Spent oil from D.G sets should be stored in HDPE drums in an isolated covered facility and disposed off through TNPCB registered recyclers.	We made the agreement for the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 shall be disposed to TNPCB authorised facilities/recyclers.	-
12	The Plastic wastes shall be segregated and disposed as per the provisions of plastic Waste (Management & Handling) Rules 2016.	Adhered to.	-
13	The E-waste generated should be collected and disposed to a nearby authorized e-waste centres as per e waste (Management & Handling), Rules 2016 as amended.	Adhered to.	-
14	The Municipal solid waste generated shall be collected, segregated and disposed as per Solid Waste Management Rules, 2016.	Adhered to.	-
15	The industry shall conduct air sampling at least once in six months for the general core parameters (PM10, PM2.5, SOX, NOX) through TNPCB/NABL Accredited Laboratory and maintain records of the same and it should be made available at the time of inspection.	Adhered to.	

16	Regular monitoring on the air quality, water quality and noise on the selected locations in and around the project site as mentioned in the EMP report for creating base line data shall be continued and records shall be maintained.	Adhered to.	-
17	A separate environment and safety management cell with qualified staff shall be set up before establishment of the facility and shall be retained throughout the lifetime of the industry, for implementation of the stipulated environmental safeguards.	A separate environment and safety management cell have been formed.	-
18	The Green belt area already developed within the project area shall be properly maintained.	Adhered to.	-
19	The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along roadsides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.	We have developed green belt at >35 % of total land area. 11,000 trees have been planted as part of the green belt development	-
20	The industry shall promote tree plantation to neutralize their carbon footprint. The industry shall engage regularly in afforestation programme.	We have engaged many afforestation programs like World Earth day / Ozone day / Environmental day	-
21	The proponent shall ensure effective risk management strategy regarding confined space management to avoid risk while handling raw materials, products in the process area and storage.	Detailed risk management plan has been prepared and action plans are implemented.	-
22	The energy sources for lighting purposes shall preferably be LED based.	All lights are LED based only.	-
23	The industry shall conduct air sampling at least twice in a week (104 times in a year), as stipulated under EP Act 1986.	We have been conducting AAQ Survey as per NAAQS standard through NABL Approved labs.	-
24	Risk cum disaster management plan should be in always placed in the industry premises.	Detailed risk cum disaster management plan has been prepared and action plans are implemented.	-
25	Water conservation scheme including rainwater harvesting measures to augment ground water resources shall be implemented so as to collect and reuse the entire rainwater harvested as a supplement to fresh water.	We have constructed storm water reservoir with the capacity of 15000 M3 and Roof water reservoir with the capacity of 7000M3.	-

		Already we have reused more than 7000 m3 in the roof water.	
26	The natural drainage pattern in the project area shall be maintained and storm water drain along the boundary and appropriate places shall be provided considering the Catchment area and maximum intensity of rainfall to collect runoff water/rainwater for proper disposal to avoid flooding around the premises.	We have constructed storm water reservoir with the capacity of 15000 M3 and Roof water reservoir with the capacity of 7000M3.	-
27	The Environmental Clearance is issued without prejudice to any order that may be passed by the Hon'ble NGT/ Hon'ble High Court of Madras.	Noted	-
28	All the assurances given in EIA and EMP shall be adhered strictly.	Adhered to.	-
29	Detail study shall be carried out by engaging accredited agencies / reputed institutions for Risk management and detailed Disaster management plan prepared for compliance.	Detailed risk cum disaster management plan have been prepared and action plans are implemented.	-
30	Sufficient funds should be provided for Disaster management.	Sufficient Funds are available. Public Liability Insurance also available.	-
31	The Project Proponent shall provide disinfection by UV system for the sewage treatment plant for treating the sewage before applying on land for gardening.	Complied. We have provided UV system for the outlet of the treated sewage.	-
32	The project proponent shall provide sufficient ventilation (air circulation) in the hazardous waste storage yard where the hazardous waste like spent carbon, Chemical sludge, used or spent oil are being kept.	Ventilation was provided in hazardous waste storage yard.	-
33	The Project Proponent shall carry out safety audit in the different operating zones of the plant at least once in a year and the same shall be considered as base for reviewing the unsafe conditions during the plant safety meeting.	Will be complied	-
34	The Project Proponent shall prepare a code of practice for safe operation for educating the safety standards to the work force deployed in the plant through appropriate training by the concerned experts.	We have identified subject matter experts for all operations and before deploying into operations, all employees are	-

		undergoing mandatory training.	
35	As the plant operation involves the sensitive processing, the medical officer and the supporting staff involved in the health centre activities shall be trained in occupational health surveillance (OHS) aspects through the outsourced training from the experts available in the field of OHS for ensuring the health standard of persons employed.	Being Complied.	-
36	The Activity of the industry should not impact on agricultural, irrigation system and mangroves surrounding the area.	Being Complied	-
37	The EMP cost and operation and maintenance cost shall be deposited in a nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with a copy to SEIAA annually.	There is no separate bank account for our plant. Cash flow from central account and statement will be submitted to TNPCB & SEIAA Annually.	-
38	There should be no threat to Bio diversity due to the operation of the industry.	Adhered to.	-
39	The flora & fauna present in and around the project site should be get affected due to the activity as reported	Adhered to.	-
40	The Project Proponent has to provide rainwater harvesting collection tank capacity with Recharging pit in order to recover and reuse the rainwater during normal rains.	We have constructed storm water reservoir with the capacity of 15000 M3 and Roof water reservoir with the capacity of 7000M3. The collecting rainwater will be utilized for different industrial operations within premises.	-
41	The operation of the activity should not impact on the soil, micro flora & Fauna present in and around the project site.	Adhered to.	-
42	The project proponent shall carry out risk assessment process for all the operations involved in the plant and a suitable risk management plan showing the contours of sensitive zones should be prepared	Detailed risk cum disaster management plan have been prepared and action plans are implemented.	-



43	The project proponent shall take up better housekeeping measures including scraps disposal and up keeping the machineries, pipes, etc	Adhered to.	-
44	The proponent should continuously monitor the VOC and ensure that VOC levels are within permissible limits.	We have provided VOC analyser for the outlet of both scrubbers in WPB & EB for maintaining the levels within the permissible limit.	-
I	<b>General Conditions</b>		
1	This Environmental Clearance shall not be cited to relax any other rules applicable to this project.	Noted	
2	The Project Proponent should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the Environmental Clearance informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with TNPCB.	Complied. Environmental Clearance accorded to the proposed project advertised in two leading newspapers on 13th June'2022. Published in Times of India (English) on 13th June, 2022 and Daily Thanthi (Tamil-Local Language) on 13th June, 2022.	-
3	A copy of the Environmental Clearance shall be sent by the project proponent to concerned local body and local NGO, if any from whom suggestions/representatives, if any were received while processing the proposal.	Complied	-
4	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	Adhered to.	-
5	The Environmental clearance shall also be put on the website of the company	EC copy has been displayed on the company website.	-
6	No expansion or modernization in the project shall be carried out without prior approval of the SEIAA-TN. In case of any deviations or alterations in the project proposal from those submitted to this Authority for clearance, a fresh reference shall be made to the SEIAA-TN to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Noted.	-

7	All the environmental protection measures and safeguards as recommended in the EIA report shall be complied with.	Being Complied	-
8	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company"	Environmental statement for each financial year in Form-V shall be submitted to TNPCB.	-
9	The implementation of the project vis-a-vis environmental action plans shall be monitored by the Regional office of MoEF & CC at Chennai, TNPCB and CPCB. A six-monthly compliance status report shall be submitted to monitoring agencies regularly.	Six monthly compliance status report have been submitted to monitoring agencies regularly.	-
10	Data on ambient air, stack and fugitive emissions shall be regularly submitted online to the Regional office of MoEF & CC, GOI, at Chennai, TNPCB and Central Pollution Control Board as well as hard copy once in six months and display data on RSPM, SO <sub>2</sub> and NO <sub>x</sub> outside the premises at the appropriate place for the general public.	Adhered to.	-
11	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Complied. Periodical health check up for all employees have been carried out.	-
12	Proper house-keeping and cleanliness must be maintained within and outside the plant.	Adhered to.	-
13	Occupational health surveillance programme shall be undertaken as regular exercise for all the employees, especially for those engaged in handling hazardous substances. The first aid facilities in the occupational health centre shall be strengthened and the medical records of each employee should be maintained separately.	Adhered to.	-
14	The overall noise levels in and around the plant area shall be kept well within the standards prescribed for by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75dBA (day time) and 70 dBA (night time).	Adhered to.	-

15	A separate Environmental Management Cell equipped with full-fledged laboratory facilities to carry out the various Environmental Management and Monitoring functions shall be set up under the control of a Senior Executive.	Adhered to.	-
16	The requisite amount earmarked towards capital cost and recurring cost/annum for implementing pollution control measures shall be used judiciously to implement the Environment Management Plan as furnished in the EIA report. The funds so provided shall not be diverted for any other purposes.	Adhered to.	-
17	The project 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 the MOEF & CC" Gol at Chennai, the respective Zonal office of CPCB and the SPCB. The criteria pollutant levels namely, RSPM, So <sub>2</sub> , No <sub>x</sub> (ambient levels as well as stack emissions) or critical sector parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Six monthly compliance status report both in soft and hard copies has been submitted to monitoring agencies regularly	-
18	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State 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 conditions and shall also be sent to the respective Regional Offices of the MOEF by e-mail.	Will be Complied	-
19	Environmental Clearance is being issued without prejudice to the action initiated under Environment (Protection) Act, 1986 or any court case pending or any other court order shall prevail.	Noted	-
20	The SEIAA, TN may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.	Noted	-
21	The SEIAA/SEAC or any Competent Authority may suitably add any further condition(s) on receiving reports from the project authority. The above	Noted	-

	condition shall be monitored by the Regional Office of MoEF located at Chennai.		
22	The SEIAA, TN may revoke or suspend the Environmental clearance, if implementation of any of the above conditions is not satisfactory.	Noted	-
23	The SEIAA, TN may cancel the environmental clearance granted to this project under the provisions of EIA Notification, 2006, if, at any stage of the validity of this environmental clearance' if it is found or if it comes to the knowledge of this SEIAA, TN that the project proponent has deliberately concealed and/or submitted false or misleading information or inadequate data for obtaining the environmental clearance.	Noted	-
24	Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.	Noted	-
25	The SEIAA-TN reserves the right to stipulate additional conditions if found necessary. The industry in a time bound manner shall implement these conditions.	Noted	-
26	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability Insurance Act, 1991, along with their amendments ,draft Minor Mineral Conservation & Development Rules, 2010 framed under MMDR Act 1957, National Commission for protection of Child Right Rules,2006 and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/Hon'ble High Court of Madras and any other Courts of Law relating to the subject matter.	Noted	-
27	Any appeal against this environmental clearance shall lie with the Hon'ble National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted	-

## ANNEXURES

ANNEXURE NO.	ANNEXURE DESCRIPTION
Annexure-1	Green belt development View
Annexure-2	VOC Monitor view
Annexure-3	Fire drill view
Annexure-4	Periodic Medical Examination.
Annexure-5	CER Activities photos
Annexure-6	HW Authorisation copy
Annexure-7	OCEMS photos
Annexure-8	AAQ Survey ROA & report Copy
Annexure-9	Storm water and Roof water reservoir photo



Annexure-1	Green belt development View
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In our green belt development initiative, we've nurtured **11,000 INDIGENOUS SPECIES** and planted **8,000 ORNAMENTAL TREES**, creating a rich ecosystem that supports environmental conservation. To sustain this biodiversity, we've installed a continuous water drip irrigation system across all areas. Additionally, we've established a Reflexology Acupuncture Garden to enhance employee health, providing a serene space for natural therapies like reflexology and acupuncture, which promote health and vitality.









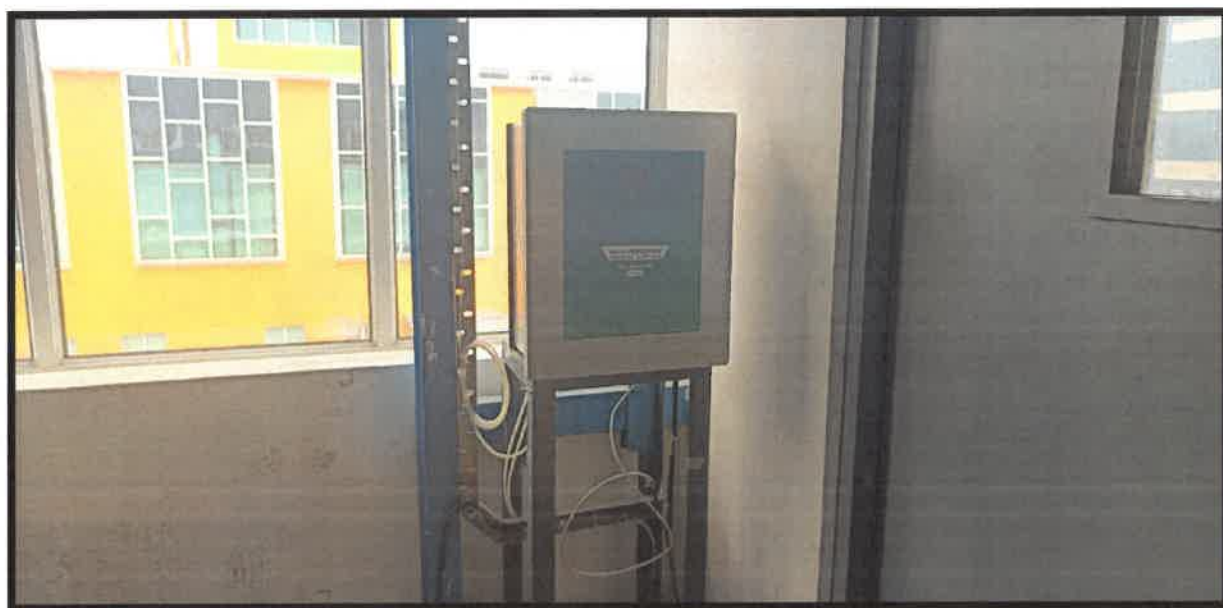
## REFLEXOLOGY ACUPUNCTURE GARDEN



## SMALL DENSE FOREST (1000 TREES)





**VOC MONITOR**















S.NO.	DESCRIPTION	AMOUNT IN INR
<b>1. GUINDY NATIONAL PARK WORK</b>		
<b>1</b>	<b>GS Hi Tech - Structural Work</b>	<b>2,75,46,805.00</b>
	<b>Agile PMC Vendor</b>	<b>18,76,200.00</b>
	<b>Space frame installation</b>	<b>1,80,57,245.00</b>
	<b>Weighing machine for Guindy Park</b>	<b>1,06,200.00</b>
	<b>Civil work for Guindy Park</b>	<b>2,93,68,087.80</b>
	<b>DSLR CAMERA FOR GUINDY CHILDREN PARK</b>	<b>1,69,500.02</b>
	<b>PROJECTOR FOR GUINDY CHILDREN PARK</b>	<b>88,733.28</b>
	<b>ELECTRONIC ITEM FOR GUINDY CHILDREN PARK</b>	<b>10,54,399.92</b>
	<b>VACUUM CLEANER FOR GUINDY CHILDREN PARK</b>	<b>27,700.50</b>
	<b>ELECTRIC VEHICLE FOR GUINDY CHILDREN PARK</b>	<b>5,95,000.01</b>
	<b>PORTADECK MAT FOR GUINDY CHILDREN PARK</b>	<b>17,40,500.00</b>
	<b>Library Office Setup</b>	<b>10,03,000.00</b>
	<b>Tools and Plumber Kit</b>	<b>67,540.84</b>
	<b>Other pending work-Park</b>	<b>1,82,99,088</b>
<b>2</b>	<b>Local village school revamping work</b>	<b>6013971</b>
<b>3</b>	<b>Local PHC equipment supply</b>	<b>2700000</b>
<b>4</b>	<b>Local village 400 RM for water recharges (Under progre</b>	<b>15000000</b>
		<b>12,37,13,971.37</b>

### LOCAL VILLAGE

S.No.	School Infra Description	Qty	Value (INR)
1	Printer HP Ink Tank 315 All in one Colour	1	9900
2	Ceiling Fan Crompton Alphabriz 75 Watts	18	26640
3	Tube Light PHILIPS Ujjwal 20 watt LED Ba	12	2040
4	White Board 5x3	3	9000
5	Cordless Mic AHUJA AWM 700U2	1	5950
6	Speaker AHUJA srx 50dx 50W Wired Outdoor	1	3100
7	Amplifier Ahuja AMPLIFIER SSA250M PA Sy	1	15900
8	Samsung LED 55 inch Tv	1	49700
	<b>Sub Total + Tax</b>		<b>149201</b>
9	Desktop Computer Dell Latitude Optiplex	2	143252
		Lum	
10	TOILET AND OTHER INFRASTRUCTURE FOR LOCAL SCHOOL	Sum	2269557
11	100 LPH RO UNIT FOR SCHOOL	1	100300
12	TUTOR FOR SPECIAL COACHING IN GOVT SCHOOL FOR ONE YEAR	3	682555
	<b>Village Infra Description</b>		
13	RO Water Plant	1	1811071
14	Street Lights fixing 100W	50	240059
15	Minimast Light	1	117976
	<b>Grand Total</b>		<b>5513971</b>

### LOCAL PHC

S.No.	Equipment's	Qty
1	ICU Electric bed	6
2	Biphasic Defibrillator	1
3	Electric Suction Apparatus	1
4	Blood storage refrigerator	1
5	Deep freezer	1
6	Desktop Brand Operating System- Windows 10, Screen Size- 23.8 Inches, Processor Type- 1.8 GHz Core i5 Family, Hard Drive- 512 GB Flash Memory Solid State, Ram -12 GB DDR4	1
7	Printer (HP LaserJet M1005)	1
8	Generator 10kv	1
9	LED Surgical Ceiling light for Operation theatre (Optima ceiling mounted)	1
10	Semi Autoanalyzer	1
11	Multipara Monitor	2
12	Autoclave machine Vertical	1
13	Flexible Video Laryngoscopes with Curved Adult blade	1
14	BP apparatus (Digital)	8
15	Weighing Machine	1
16	Infant meter	1



17	Refrigerator (240 ltr)	1
18	Vacuum cleaner machine (Commercial purpose)	1
19	SS Steel rack (Material : 19 gauge Stainless Steel., Size : 36" x 20" x 72" LxBxH Superior Matte Finish, Adjustable nylon bullets to adjust height upto 1")	3
20	Bero (GODREJ INTERIO Slimline 2 Door Steel Wardrobe with Locker (Finish: Body - Royal Ivory, Door - Textured Purple Color)	2
21	Digital Radiography unit	1
22	Water Cooling cabinet	1
23	Thera band ,Goniometer	1
24	Invertor for OP building Inverter - 230w, Battery - 300Ah, Amaron	1
25	RO water purifier system for ward (Pureit Ultima Eco Mineral RO+UV+MF Water Purifier with 10L Storage)	1



**AUTHORISATION No. 24HFC56665597 dated 06/06/2024**

**Proceeding No. T1/TNP/CB/F.1602TVM/HWA/RL/TVM/2024 dated 06/06/2024**

**Sub:** Tamil Nadu Pollution Control Board – Hazardous Waste Authorization-Fresh- M/s. GRASIM INDUSTRIES LIMITED , S.F.No. Plot.No.A3/1 & A4/2, MAHAJANAMBAKKAM Village, CHEYYAR Taluk, Tiruvannamalai District - Authorization under Rule 6 (2) of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 enacted under Environment (Protection) Act, 1986 – Issued- Reg. (Industry User ID- R22TVM45689918)

**Ref:** 1. Unit's application No. 56665597 dated 20-12-2023 & 06-05-2024  
2. HWA-IR No.1602TVM/HWA/RL/DEE/TVM/2024 dated 07/05/2024  
3. Report of DEE on 27-03-2024 & 07-05-2024

**FORM 2**

[See rule 6 (2)]

**FORM FOR GRANT OR RENEWAL OF AUTHORISATION TO THE OCCUPIERS, RECYCLERS, REPROCESSORS, REUSERS, USER AND OPERATORS OF DISPOSAL FACILITIES**

1. Number of authorization: 24HFC56665597 and dated : 06/06/2024
2. The Director of M/s. GRASIM INDUSTRIES LIMITED is hereby granted an Authorisation based on the enclosed signed inspection report for Generation and handling of hazardous or other wastes or both on the premises situated at S.F.No. Plot.No.A3/1 & A4/2, MAHAJANAMBAKKAM Village, CHEYYAR Taluk, Tiruvannamalai District.

Sl No	Schedule / Name of the Processes	Name of Hazardous Waste (with category No)	Quantity	Activities for which Authorization is issued
1	Schedule I/3. Cleaning, emptying and maintenance of petroleum oil storage tanks including ships	3.1-Cargo residue, washing water and sludge containing oil	15 T/Annum	Generation, Collection, Storage, Transportation, sent to M/s.Green Gene Enviro Protection and Infrastructure Private Limited at Ranipet for pre processing. (Utilisable)
2	Schedule I/3. Cleaning, emptying and maintenance of petroleum oil storage tanks including ships	3.3-Sludge and filters contaminated with oil	15 T/Annum	Generation, Collection, Storage, Transportation, sent to M/s.Green Gene Enviro Protection and Infrastructure Private Limited at Ranipet for pre processing. (Utilisable)
3	Schedule I/5. Industrial operations using mineral or synthetic oil as lubricant in hydraulic systems or other applications	5.1-Used or spent oil	50 T/Annum	Generation, Collection, Storage, Transportation, send to Authorized Recyclers for Recovery and Reuse. (Recyclable)
4	Schedule I/20. Production and/or industrial use of solvents	20.1-Contaminated aromatic, aliphatic or napthenic solvents may or may not be fit for reuse	170 T/Annum	Generation, Collection, Storage, Transportation, sent to M/s.Green Gene Enviro Protection and Infrastructure Private Limited at Ranipet for pre processing. (Utilisable)
5	Schedule I/21. Production and/or industrial use of paints, pigments, lacquers, varnishes and inks	21.1-Process wastes, residues and sludges	120 T/Annum	Generation, Collection, Storage, Transportation, sent to M/s.Green Gene Enviro Protection and Infrastructure Private Limited at Ranipet for pre processing. (Utilisable)
6	Schedule I/23. Production and/or industrial use of glues, organic cements, adhesive and resins	23.1-Wastes or residues (not made with vegetable or animal materials)	90 T/Annum	Generation, Collection, Storage, Transportation, sent to M/s.Green Gene Enviro Protection and Infrastructure Private Limited at Ranipet for pre processing. (Utilisable)
7	Schedule I/33. Handling of hazardous chemicals and wastes	33.1-Empty barrels/containers/liners contaminated with hazardous chemicals /wastes	120 T/Annum	Generation, Collection, Storage, Transportation, sent to M/s.Green Gene Enviro Protection and Infrastructure Private Limited at Ranipet for pre processing. (Utilisable)
8	Schedule I/33. Handling of hazardous chemicals and wastes	33.1-Empty barrels/containers/liners contaminated with hazardous chemicals /wastes	80000 T/Annum	80,000 Nos./Annum of HW 33.1 for Generation, Collection, Storage & send to Authorized recycler for reprocessing (Recyclable)

9	Schedule I/35. Purification and treatment of exhaust air/gases, water and waste water from the processes in this schedule and common industrial effluent treatment plants (CETP's)	35.1-Exhaust Air or Gas cleaning residue	10 T/Annum	Generation, Collection, Storage, Transportation, sent to M/s.Green Gene Enviro Protection and Infrastructure Private Limited at Ranipet for pre processing. (Utilisable)
10	Schedule I/35. Purification and treatment of exhaust air/gases, water and waste water from the processes in this schedule and common industrial effluent treatment plants (CETP's)	35.4-Oil and grease skimming	20 T/Annum	Generation, Collection, Storage, Transportation, sent to M/s.Green Gene Enviro Protection and Infrastructure Private Limited at Ranipet for pre processing. (Utilisable)
11	Schedule I/36. Purification process for organic compounds/solvents	36.2-Spent carbon or filter medium	10 T/Annum	Generation, Collection, Storage, Transportation, sent to M/s.Green Gene Enviro Protection and Infrastructure Private Limited at Ranipet for pre processing. (Utilisable)
12	Schedule I/35. Purification and treatment of exhaust air/gases, water and waste water from the processes in this schedule and common industrial effluent treatment plants (CETP's)	35.3-Chemical sludge from waste water treatment	200 T/Annum	Generation, Collection, Storage, Transportation, sent to M/s.Green Gene Enviro Protection and Infrastructure Private Limited at Ranipet for pre processing. (Utilisable)

3. This authorization shall be valid for a period upto 31/03/2029.

The Authorization is issued subject to the following general and special conditions annexed.

M.VIJAYAKESHI  
For Member Secretary  
Tamil Nadu Pollution Control Board  
Chennai

#### A. GENERAL CONDITIONS OF AUTHORIZATION

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986 and the rules made there under.
2. The authorization or its renewal shall be produced for inspection at the request of an officer authorized by Tamil Nadu Pollution Control Board.
3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this Authorisation.
4. Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.
5. The person authorised shall implement Emergency Response procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire ,etc and their possible impacts and also carry out mock drill in this regard at regular interval of time.
6. The person authorised shall comply with the provisions outlined in the CPCB guidelines on "Implementing Liabilities for Environmental damages due to Handling and Disposal of Hazardous Wastes and Penalty".
7. It is the duty of the authorized person to take prior permission of Tamil Nadu Pollution Control Board to close down the facility.
8. The imported Hazardous and other wastes shall be fully insured for transit as well as the accidental occurrences and its clean-up operation.
9. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.



10. The Hazardous and other wastes which gets generated during recycling or reuse or recovery or pre-processing or utilisation of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of Authorisation.
11. The importer or Exporter shall bear the cost of import or export or mitigation of damages if any.
12. An application for the renewal of an authorization shall be made as laid down under these Rules.
13. Any other conditions for compliance as per the Guidelines issued by the MoEF and CC or CPCB from time to time.
14. Annual returns shall be filed by June 30th for the period ending 31st March of the previous financial year.

#### **B. SPECIFIC CONDITIONS - HW Generator**

1. The occupier/generator shall be responsible for safe and environmentally sound management of hazardous and other wastes.
2. The occupier shall follow the following steps for the management of hazardous and other wastes. (a) prevention (b) minimization (c) reuse (d) recycling (e) recovery, utilisation including co-processing and (f) safe disposal
3. The occupier shall take all the steps while managing hazardous and other wastes - (a) To contain contaminants and prevent accidents and limit their consequences on human beings and the environment; and (b) To provide persons working in the site with appropriate training, equipment and the information necessary to ensure their safety.
4. The occupier shall store the hazardous and other wastes for a period not exceeding ninety days and shall maintain a record of sale, transfer, storage, recycling, recovery, pre-processing, co-processing and utilisation of such wastes and make these records available for inspection:
5. The hazardous and other wastes shall be stored temporally in an isolated area earmarked for the purpose within the occupier's premises (it shall not be accessible to rain water) till scientific disposal. The storage area shall be fenced properly and a sign of danger shall be placed at the storage site.
6. The containers holding the hazardous and other wastes shall be kept in good condition and made of materials which can withstand the physical and environmental conditions during storage and transportation. Only properly cleaned containers shall be used for storage of hazardous and other wastes.
7. The occupier handling hazardous or other wastes shall maintain records of such operations of generation, handling, storage and disposal as per Form 3.
8. The hazardous and other wastes generated in the establishment of the occupier shall be sent or sold to an authorised actual user or shall be disposed of in an authorised disposal facility.
9. The occupier handling hazardous or other wastes shall ensure that the hazardous and other wastes are packaged in a manner suitable for safe handling, storage and transport as per the guidelines issued by the Central Pollution Control Board from time to time
10. The labelling of package of hazardous or other wastes shall be done as per Form 8. The label shall be of non-washable material, weather proof and easily visible.
11. The hazardous and other wastes shall be transported from the occupier's establishment to an authorised actual user or to an authorised disposal facility in accordance with the provisions of these rules.
12. The transport of the hazardous and other wastes shall be in accordance with the provisions of these rules and the rules made by the Central Government under the Motor Vehicles Act, 1988 and the guidelines issued by the Central Pollution Control Board from time to time in this regard..
13. The occupier shall provide the transporter with the relevant information in Form 9, regarding the hazardous nature of the wastes and measures to be taken in case of an emergency and shall label the hazardous and other wastes containers as per Form 8
14. The authorisation for transport shall be obtained either by the sender or the receiver on whose behalf the transport is being arranged.
15. The transporter/sender of the hazardous and other wastes shall prepare and maintain manifest in Form 10.
16. The occupier or the operator or the transporter shall immediately intimate TNPCB through telephone, e-mail about the accident and subsequently send a report in Form 11, where an accident occurs at the facility of the occupier handling hazardous or other wastes and operator of the disposal facility or during transportation



17. The occupier who intends to get its hazardous and other wastes treated and disposed of by the operator of a treatment, storage and disposal facility shall give to the operator of that facility, such specific information as may be needed for safe storage and disposal.
18. The occupier shall be liable for all damages caused to the environment due to improper handling and management of the hazardous and other wastes.
19. The occupier handling hazardous and other wastes shall submit annual returns containing the details specified in Form 4 to TNPCCB on or before the 30th day of June of every year for the preceding period April to March.
20. Any increase in quantity of handling of hazardous and other wastes, any change in category of hazardous and other wastes and any change in method of handling operations shall be brought to the notice of the TNPCCB and fresh authorization shall be obtained.

#### **ADDITIONAL SPECIFIC CONDITIONS**

1. The Hazardous wastes shall be stored in a compatible container on an impervious platform in closed shed which shall be provided with requisite fire protection system, personal protective equipment and safety system.
2. The unit shall ensure that adequate fire safety measures have been provided to avoid any fire accidents in the unit.
3. The unit shall maintain the Hazardous waste display Boards in front of the factory clearly indicating the same regularly as mandated by the Hon'ble Supreme Court order dated 14.10.2003.
4. The person authorized shall comply with all the conditions stipulated in the authorization and other conditions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
5. The unit shall maintain Form 3 and submit Form 4 prescribed under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
6. The Hazardous wastes shall be disposed only with manifest that shall be maintained in Form-10 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
7. The manifest shall be endorsed by the despatcher, transporter and receiver of hazardous wastes. The endorsed copy of the manifest shall be furnished to TNPCCB as and when such disposal is made.
8. The unit shall ensure that all provisions of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 as amended are complied with while handling hazardous waste.
9. The authorization is subject to the terms and conditions as may be specified in the Rules for the time being in force under the Environment (Protection) Act, 1986.
10. The unit shall not store the Hazardous waste generated outside the premises of the unit.
11. The unit shall operate with valid Consent under Water Act & Air Act, Authorization under HOWM Rules, 2016 at all times.
12. The unit shall possess valid agreement with Hazardous waste facilitators at all times.
13. The unit shall ensure that the facilitator possess valid consent under Water & Air Acts and valid Authorization under HOWM Rules, 2016
14. The unit shall apply for Authorization under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 for Spent ion exchange resin containing toxic metals (Category No. HW 35.2) generated from the demineralization (DM) plant and softener, once generated.
15. The unit shall furnish finger print & comprehensive analysis report for all categories of Hazardous wastes.

**M VIJAYALAKSHMI** Digitally signed by M VIJAYALAKSHMI  
DN: cn=M VIJAYALAKSHMI, o=TNPCCB, ou=Tamil Nadu Pollution Control Board, email=M.Vijayalakshmi@tnpcb.gov.in  
**For Member Secretary**  
**Tamil Nadu Pollution Control Board**  
**Chennai**

**To**  
**The Director**  
**GRASIM INDUSTRIES LIMITED**  
**Plot No: A3/1 & A4/2, SIPCOT Industrial Park, Mahajanambakkam Village, Cheyyar Taluk, Tiruvannamalai**  
**District.**  
**Pin: 456331**



<b>Annexure-8</b>	<b>AAQ Survey ROA &amp; report Copy</b>
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<b>Annexure-8</b>	<b>AAQ Survey ROA &amp; report Copy</b>
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S. No	Test Parameters	Test Methods	Unit	Desirable limit (NAAQS)	JAN-25							
					(17.01.2025)				(31.01.2025)			
					Opposite admin Nearby Road (NE)	Batching plant backs ide (S)	RM Truck parking backs ide (W)	Near Raw Material Godown (Inside)	Opposite admin Nearby Road (NE)	Batching plant backs ide (S)	RM Truck parking backs ide (W)	Near Raw Material Godown (Inside)
1	Sulphur Dioxide as SO2	IS 5182 (Part-2):2001 (RA:2017)	µg/m3	80	6.3	5.9	6.0	6.2	6.8	5.4	7.1	7.3
2	Oxides of Nitrogen as NOX	IS 5182 (Part-6):2006 (RA:2017)	µg/m3	80	10.5	16.3	15.2	12.8	14.6	16.9	17.1	20.7
3	Particulate Matter PM 10	IS 5182 (Part 23):2006 (RA:2017)	µg/m3	100	56.1	52.8	53.1	50.4	53.6	55.1	54.3	52.8
4	Particulate Matter PM 2.5	IS 5182(Part 24) :2019	µg/m3	60	23.6	21.4	20.4	18.7	19.1	22	23.6	20.2
S. No	Test Parameters	Test Methods	Unit	Desirable limit (NAAQS)	FEB-25							
					( 14.02.2025)				( 25.02.2025)			
					Opposite admin Nearby Road (NE)	Batching plant backs ide (S)	RM Truck parking backs ide (W)	Near Raw Material Godown (Inside)	Opposite admin Nearby Road (NE)	Batching plant backs ide (S)	RM Truck parking backs ide (W)	Near Raw Material Godown (Inside)
1	Sulphur Dioxide as SO2	IS 5182 (Part-2):2001 (RA:2017)	µg/m3	80	7.1	5.9	6.3	5.8	6.6	6.2	7.5	6.7
2	Oxides of Nitrogen as NOX	IS 5182 (Part-6):2006 (RA:2017)	µg/m3	80	14.4	16.4	16.8	14.1	16.9	18.5	17.2	15.6
3	Particulate Matter PM 10	IS 5182 (Part 23):2006 (RA:2017)	µg/m3	100	57.8	52.6	55.5	52.3	55.3	50.8	57.4	54.9
4	Particulate Matter PM 2.5	IS 5182(Part 24) :2019	µg/m3	60	23.6	20.1	21.7	19.5	21.2	23	24.2	20.9



S. No	Test Parameters	Test Methods	Unit	Desirable limit (NAAQS)	March-25							
					(04.03.2025)				(20.03.2025)			
					Opposite admn Nearby Road (NE)	Batching plant backs ide (S)	RM Truck parking backs ide (W)	Near Raw Material Godown (Inside)	Opposite admn Nearby Road (NE)	Batching plant backs ide (S)	RM Truck parking backs ide (W)	Near Raw Material Godown (Inside)
1	Sulphur Dioxide as SO <sub>2</sub>	IS 5182 (Part-2):2001 (RA:2017)	µg/m <sup>3</sup>	80	6.8	6.1	6.1	6.4	6.8	6.6	7.9	7.1
2	Oxides of Nitrogen as NO <sub>X</sub>	IS 5182 (Part-6):2006 (RA:2017)	µg/m <sup>3</sup>	80	13.9	15.2	17.3	16.5	17.3	19.2	18.1	16.2
3	Particulate Matter PM 10	IS 5182 (Part 23):2006 (RA:2017)	µg/m <sup>3</sup>	100	54.2	50	53.1	54.7	57.1	52.7	59.5	56.2
4	Particulate Matter PM 2.5	IS 5182(Part 24) :2019	µg/m <sup>3</sup>	60	21.7	19.5	20.7	21.1	21.9	23.8	25.7	21.5
S. No	Test Parameters	Test Methods	Unit	Desirable limit (NAAQS)	April-25							
					(12.04.2025)				(24.04.2025)			
					Opposite admn Nearby Road (NE)	Batching plant backs ide (S)	RM Truck parking backs ide (W)	Near Raw Material Godown (Inside)	Opposite admn Nearby Road (NE)	Batching plant backs ide (S)	RM Truck parking backs ide (W)	Near Raw Material Godown (Inside)
1	Sulphur Dioxide as SO <sub>2</sub>	IS 5182 (Part-2):2001 (RA:2017)	µg/m <sup>3</sup>	80	7.47	7.18	6.96	6.37	6.7	7.08	6.5	5.88
2	Oxides of Nitrogen as NO <sub>X</sub>	IS 5182 (Part-6):2006 (RA:2017)	µg/m <sup>3</sup>	80	16.93	16.23	15.67	14.44	16.08	16.29	14.3	13.34
3	Particulate Matter PM 10	IS 5182 (Part 23):2006 (RA:2017)	µg/m <sup>3</sup>	100	62.65	60.04	57.65	54.59	59.48	57.65	52.64	50.44
4	Particulate Matter PM 2.5	IS 5182(Part 24) :2019	µg/m <sup>3</sup>	60	27.43	26.18	24.32	22.48	26.18	24.73	22.54	20.47