

Letter Number: Grasim/LDH/EHS/2026/10

Date: 25/05/2026

To,
The Chairman (SEIAA)
The Ministry of Environment, Forests and Climate Change
Directorate of Environment & Climate Change
MGSIPA Complex Sector-26,
Chandigarh-160019

Subject: Online Submission of Environmental Clearance Six-monthly Compliance Report with reference to EC No: EC22B023PB139111, File No.: SEIAA/PB/IND/2021/EC/22, Dated: 19th January 2022

Dear Sir,

With reference to above mentioned subject, we are hereby submitting the six-monthly EC compliance report from the period of Oct 2025 to March 2026 on the online Parivesh Portal.

Please find the enclosed report for your perusal on Parivesh portal.

Thanking you.

Your Sincerely,

For Grasim Industries Limited,



Authorized Signatory

Enclosed: Six monthly compliance report and annexures

Copy to:

Ministry of Environment, Forest, and Climate Change, Regional office, Sector 31 A, Dakshin Marg, Chandigarh,
Punjab Pollution Control Board, Regional Office-I, Phase V, Focal Point Ludhiana, 141010

Punjab Pollution Control Board, Vatavaran Bhawan, Nabha Road, Patiala, Punjab 147001

Grasim Industries Limited (Birla Paints Division)

Site Address: Plot Nos. B1 & D02, Village- Dhanansu, Hitech Valley, Chandigarh Highway,
Ludhiana, Punjab, Pin- 141112

Head Office: 9th Floor, Birla Centurion, Pandurang Budhkar Marg, Worli, Mumbai-400 030 India
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Registered Office: PO Birlagram, Nagda, Dist Ujjain, Madhya Pradesh – 456 331, India
T: +91 (07366) 246760 - 66 | W: www.grasim.com | CIN: L17124MP1947PLC000410



Half Yearly Compliance Report

2025

01 Jun(01 Oct - 31 Mar)

Acknowledgement**Proposal Name**

Integrated Paint Manufacturing Unit in Plot No. B-1, D-02 (P), Hi-Tech Valley, Village Dhanansu, Dist. Ludhiana, State Punjab

Name of Entity / Corporate Office

M/S. GRASIM INDUSTRIES LIMITED

Village(s)

N/A

District

LUDHIANA

Proposal No.	EC22B023PB139111
Plot / Survey / Khasra No.	N/A
State	PUNJAB
MoEF File No.	SEIAA/PB/IND/2021/EC/22

Category	Industrial Projects - 3
Sub-District	N/A
Entity's PAN	*****4464B
Entity name as per PAN	GRASIM INDUSTRIES LIMITED

Compliance Reporting Details**Reporting Year**

2025

Remarks (if any)

Hereby submitting the half early EC compliance report against the EC no EC22B023PB139111 date 19 Jan 2022 against the reporting period 1st Oct 2025 to 31 March 2026.

Reporting Period

01 Jun(01 Oct - 31 Mar)

Details of Production and Project Area**Name of Entity / Corporate Office**

M/S. GRASIM INDUSTRIES LIMITED

	Project Area as per EC Granted	Actual Project Area in Possession
Private	24.83	24.83
Revenue Land	0	0
Forest	0	0
Others	N/A	N/A
Total	24.83	24.83

Others Area

Sr. no	Other Name	Area Granted	Area Actual
1	PSIEC Land	24.83	24.83



Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Solvent Based Paints	Others:KLPA	31/03/2026	60,000	0	0
2	Resins	Others:KLPA	31/03/2026	40,000	0	0
3	Water-based paints	Others:KLPA	31/03/2026	3,00,000	50120	2,50,000
4	Emulsion	Others:KLPA	31/03/2026	1,20,000	11275	1,00,000

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
1	Statutory compliance	The Project Proponent shall make necessary arrangements for control of Air Pollution occurring due to the installation and operation of the Air Polluting machinery installed in the industrial premises.
<p>PPs Submission: Complied</p> <p>The unit has fully complied with the condition and is committed to controlling air pollution from the installation and operation of air-polluting machinery. To ensure compliance, three dust collectors have been installed to capture particulate matter at source, two air scrubbers have been provided for effective removal of VOC pollutants, and a reverse jet filter has been installed on powder storage vessels to minimize dust emissions. All systems are operational and maintained regularly to ensure optimal performance and adherence to regulatory requirements. "</p>		Date: 21/05/2026
2	Statutory compliance	The project proponent shall install 24x7 continuous online SPM monitoring system at the inlet and outlet of APCD to monitor and achieve the suspended particulate matter (SPM) emission standards as prescribed by CPCB/SPCB.
<p>PPs Submission: Complied</p> <p>The unit has fully complied with the condition and is committed to monitoring suspended particulate matter (SPM) emissions as prescribed by CPCB/SPCB. An online continuous monitoring system has been installed on the dust collector system to monitor SPM levels at the outlet of the dust collector and boilers stack. The system is operational, and data is recorded 24x7 to ensure compliance with emission standards.</p>		Date: 21/05/2026
3	Statutory compliance	The project proponent shall submit monthly summary report of continuous stack emission (inclusive of data of continuous SPM monitoring at inlet and outlet of APCD before stack) and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality/ fugitive emissions to Regional Office of MoEF and CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring reports.
<p>PPs Submission: Complied</p> <p>The unit has fully complied with the condition and is committed to accurate monitoring and reporting of emissions. An online continuous emission monitoring system (CEMS) has been installed on the dust collector stack to monitor suspended particulate matter. The online emission monitoring system (PM, Sox and Nox have been installed on 3 nos of boiler stacks. The system</p>		Date: 21/05/2026



operates 24x7, and data is recorded and analyzed regularly.

4 Statutory compliance

The project proponent shall obtain NOC from CGWA/PWRDA for abstraction of ground water of 1158 KLD to meet the Industrial, domestic and green belt water requirements of their Project.

PPs Submission: Complied

The unit has fully complied with the condition and obtained the necessary permission for groundwater abstraction. A No Objection Certificate (NOC) has been issued by the Punjab Water Regulation and Development Authority (PWRDA) under the Punjab Groundwater Extraction and Conservation Directions, 2023. The NOC permits the abstraction of 34,740 kl per month (approximately 1,158 KLD) for industrial, domestic, and green belt requirements. The permission is valid up to 31.05.2026, and the unit adheres to all terms and conditions specified in the NOC.

Date:
28/05/2026

5 Statutory compliance

The project proponent shall construct two no. of rainwater tanks of total capacity 9600 KL to store rainwater run off generated from the roof tops etc during monsoon season within its premises.

PPs Submission: Complied

The unit has fully complied with the condition and constructed rainwater harvesting tanks with a combined storage capacity of 9600 KL within the premises to capture runoff from rooftops and other areas during the monsoon season. During FY 2025-26, the unit successfully harvested approximately 5700 KL of rainwater, which is utilized for industrial and green belt requirements.

Date:
28/05/2026

6 Statutory compliance

The project proponent shall minimize the water consumption in the industrial plant complex by segregation of used water, practicing cascade use and by recycling treated water.

PPs Submission: Complied

The unit has fully complied with the condition and implemented measures to minimize water consumption through segregation, cascade use, and recycling of treated water. A dedicated treatment facility is in place to meet the requirements of different processes. For emulsion manufacturing, a two-stage RO system is used to achieve conductivity below 20 micro siemens, while process water for water-based paint blocks and other operations undergoes softener filtration. Raw water is directly utilized for gardening purposes. Zero Liquid Discharge (ZLD) treated water is recycled back for cooling tower operations and process activities, ensuring 100 percent water reuse within the premises.

Date:
21/05/2026

7 Statutory compliance

The project proponent shall provide STP of 30 KLD for treatment of wastewater and reutilize the treated water for non- portable use so as to achieve zero liquid discharge condition as per Clause III (iv) of OM dated 09.08.2018 issued by the MoEF and CC for such units.

PPs Submission: Complied

The unit has fully complied with the condition and installed a Sewage Treatment Plant (STP) of 30 KLD capacity for treatment of wastewater. The treated water meets the prescribed parameters for non-potable use and is utilized for green belt development and other non-potable applications. The performance of the STP is regularly monitored, and the treated water quality conforms to the required standards.

Date:
28/05/2026

8 Statutory compliance

The project proponent shall reuse water of the cooling tower blow down, simultaneously ensuring the standards prescribed for such purge waters. If required, necessary arrangements shall be made to keep this waste stream within the parameters required for reuse.

PPs Submission: Complied

The unit has fully complied with the condition and ensures reuse of cooling tower blowdown water. All blowdown water is collected and transferred to the Effluent Treatment Plant (ETP), where it is treated to meet the prescribed standards for reuse. The treated water is then utilized within the plant

Date:
21/05/2026



		for process and utility operations, supporting the zero liquid discharge (ZLD) objective and minimizing freshwater consumption."	
9	Statutory compliance	The project proponent shall undertake pre-monsoon and post monsoon monitoring of the Ground water for heavy metals in addition to routine parameters. At least 3 samples i.e. one from within the premises and two from outside the premises of the industry shall be taken.	
		PPs Submission: Complied The unit has fully complied with the condition and conducts pre-monsoon and post-monsoon groundwater monitoring for heavy metals in addition to routine parameters. Sampling is carried out as per ISO 10500 standards. All required parameters, including heavy metals, are tested to ensure compliance with regulatory norms. The unit is conducting external borewell monitoring as well. The sampling report attached.	Date: 28/05/2026
10	MISCELLANEOUS	The project proponent shall reserve land for loading or unloading of raw material, products, slag, hazardous waste as well as for storage of these materials and the area to be reserved for parking. The area to be reserved should be worked out by considering the time required for loading and unloading of vehicles for respective activities and minimum/maximum period for which storage of the above material is required.	
		PPs Submission: Complied The unit has fully complied with the condition and ensured adequate arrangements for loading and unloading of raw materials, finished products and hazardous waste within the premises. Dedicated areas have been reserved for material storage and truck parking, considering the time required for loading/unloading and safe handling of materials. These arrangements help maintain smooth operations and compliance with regulatory requirements.	Date: 21/05/2026
11	MISCELLANEOUS	All the vehicle movement areas as well as approach road to the gate /weighing bridge shall be paved with pucca/metalled / cement concrete to control the dust emissions expected from vehicle movements.	
		PPs Submission: Complied The unit has fully complied with the condition. All vehicle movement areas, including approach roads to the gate and weighing bridge, have been paved with cemented concrete surfaces to effectively control dust emissions from vehicular movement within the premises.	Date: 21/05/2026
12	MISCELLANEOUS	The vehicles to be used for loading/unloading purposes shall not be parked along the roadside to avoid traffic congestion and a dedicated parking place to be provided for the same within the Project premises.	
		PPs Submission: Complied The unit has fully complied with the condition. A dedicated parking area has been provided within the project premises for raw material trucks and finished goods vehicles. No vehicles are parked along the roadside, ensuring smooth traffic flow and avoiding congestion outside the premises.	Date: 21/05/2026
13	MISCELLANEOUS	The project proponent shall adopt green technologies to conserve water and energy. Also, provide abrasive resistant fire bricks in the crucibles to reduce the periodic maintenance and disposal of discarded fire bricks if applicable.	
		PPs Submission: Complied The unit has fully complied with the condition and adopted green technologies to conserve water and energy. Measures include installation of a 1 MWh solar plant within the premises, use of high energy efficiency equipment's, and implementation of Zero Liquid Discharge (ZLD) operations	Date: 28/05/2026



ensuring 100 percent water recycling. During FY 2025 - 26, the unit successfully reused 5700 KL of harvested rainwater for industrial and green belt purposes. Through these initiatives, the site has achieved a 30 percent reduction in power consumption compared to last year, demonstrating its commitment to sustainability and resource optimization.

14

MISCELLANEOUS

The project proponent shall use natural gas as substitute fuel wherever possible in the existing industry/ for the expansion project as soon as this becomes commercially available.

PPs Submission: Complied

The unit has fully complied with the condition and is using Piped Natural Gas (PNG) as a substitute fuel wherever possible. PNG is utilized for boiler operations and in the canteen, ensuring cleaner fuel usage and reduced emissions. During H2 of FY 2025 - 26, the unit consumed 40861 SCM of PNG gas. The latest PNG invoice copy is attached as annexure for reference."

Date:
28/05/2026

15

Corporate Environmental Responsibility

The project proponent shall submit detailed Corporate Environmental Responsibility (CER) plan of Rs. 9.1 crores including the timelines for its implementation within a period of 6 months after assessing the need-based requirement of the locals residing in the vicinity of the project to SEIAA Punjab for approval. Efforts should be made to prioritise activities which are directly beneficial for the Environment in preference to those which are of a social nature and can be undertaken under the CSR budget of the company. The approved CER Plan will be included in and form a part of the Environmental Management Plan (EMP) of the project.

PPs Submission: Complied

The unit has spent the amount of 9.1 crore as per the approved plan of SEIAA Committee. A detail report attached.

Date:
28/05/2026

16

MISCELLANEOUS

This Environmental Clearance is liable to be revoked without any further notice to the Project Proponent in case of failure to comply with condition (i) above.

PPs Submission: Complied

The condition has been noted for compliance. The unit acknowledges that the Environmental Clearance is liable to be revoked without further notice in case of failure to comply with the specified requirement and will ensure strict adherence to all conditions mentioned in the clearance.

Date:
25/05/2026

17

MISCELLANEOUS

The project proponent shall adopt adequate safety measures to ensure that the rain water of roof tops and roads is collected for treatment and reuse. Only rainwater falling directly on the green areas may be recharged in the recharging pits located in the green areas.

PPs Submission: Complied

"The industry has adopted adequate safety measures to ensure that rainwater from rooftops and paved areas is collected, treated, and reused within the plant premises. A rainwater harvesting reservoir with a storage capacity of 9,600 KL has been constructed to capture runoff from these surfaces. In compliance with the guidelines issued by the Central Ground Water Authority (CGWA) for Red Category industries, no groundwater recharge structures have been provided inside the plant premises to prevent any risk of contamination. Only rainwater falling directly on green areas is allowed to percolate through designated recharge pits located within those landscaped zones. This approach ensures sustainable water management while adhering to regulatory requirements."

Date:
25/05/2026

18

MISCELLANEOUS

The project proponent shall provide fish tanks at the outlets of the STP and ETP to ensure that the important parameter of Dissolved Oxygen (DO) remains within the permissible limits at all times.

PPs Submission: Complied

Date:



The industry has complied with the condition by installing a fish tank at the outlet of the Effluent Treatment Plant (ETP). This biological indicator ensures Dissolved Oxygen (DO) levels remain within permissible limits, confirming treated effluent quality. The fish tank is maintained regularly as part of environmental management practice

28/05/2026

19

WASTE MANAGEMENT

The Project Proponent will provide adequate number of vermicompost pits and mechanical composters to handle the biodegradable waste generated from the plant.

PPs Submission: Complied

The unit has installed a bio composter machine to process canteen waste. 3 NOS Vermicompost pits have been constructed and in use for composting of grass, leaves and horticulture waste.

Date:

28/05/2026

20

MISCELLANEOUS

The SEIAA reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. SEIAA may revoke or suspend the environmental clearance if implementation of any of the above conditions is not found to be satisfactory.

PPs Submission: Complied

The condition has been noted and complied.

Date:

25/05/2026

21

MISCELLANEOUS

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.

PPs Submission: Complied

All data provided will remain accurate, transparent, and verifiable at all times. Complying with the task condition.

Date:

25/05/2026

22

MISCELLANEOUS

The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016, the Public Liability Insurance Act, 1991 read with subsequent amendments therein.

PPs Submission: Complied

The condition has been noted for compliance.

Date:

25/05/2026

General Conditions

Sr.No.	Condition Type	Condition Details
1	Statutory compliance	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 is involved in the project.
		<p>PPs Submission: Complied</p> <p>The condition is not applicable for the site.</p>
2	Statutory compliance	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.



<p>PPs Submission: Complied The condition is not applicable for the site.</p>		<p>Date: 25/05/2026</p>
3	Statutory compliance	<p>The project proponent shall prepare a Site-Specific Conservation Plan and Wildlife Management Plan and obtain its approval from the Chief Wildlife Warden, Punjab. 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).</p>
<p>PPs Submission: Complied The unit had obtained approval of the Wildlife Conservation Plan from the Forest Department, as per applicable requirements.</p>		<p>Date: 25/05/2026</p>
4	Statutory compliance	<p>The project proponent shall obtain Consent to Establish/ Operate under the provisions of Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974 from the Punjab Pollution Control Board.</p>
<p>PPs Submission: Complied The unit had obtained Consent to Establish and Consent to Operate under the provisions of the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974 from the Punjab Pollution Control Board.</p>		<p>Date: 28/05/2026</p>
5	Statutory compliance	<p>The project proponent shall obtain necessary permission from the Central Ground Water Authority/ Punjab Water Regulation and Development Authority (PWRDA), in case of withdrawal of groundwater and also in case of surface water required for the project. If the CGWA does not grant permission for ground water abstraction, the industry shall make alternative arrangements by using surface water or treated city sewage effluent after obtaining permission from the competent authority.</p>
<p>PPs Submission: Complied The unit has fully complied with the condition and obtained the necessary permission for groundwater abstraction. A No Objection Certificate (NOC) has been issued by the Punjab Water Regulation and Development Authority (PWRDA) under the Punjab Groundwater Extraction and Conservation Directions, 2023. The NOC permits the abstraction of 34,740 kl per month (approximately 1,158 KLD) for industrial, domestic, and green belt requirements. The permission is valid up to 31.05.2026, and the unit adheres to all terms and conditions specified in the NOC.</p>		<p>Date: 28/05/2026</p>
6	Statutory compliance	<p>The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.</p>
<p>PPs Submission: Complied The project proponent has obtained authorization under the Hazardous and Other Waste Management Rules, 2016 (as amended from time to time). HWM 2016 authorization is valid till 31 March 2026.</p>		<p>Date: 28/05/2026</p>
7	Statutory compliance	<p>The project proponent shall obtain authorization for its occupational Health Centre under the Bio-Medical Waste Management Rules, 2016 as amended from time to time.</p>
<p>PPs Submission: Complied The project proponent has obtained authorization for its Occupational Health Centre under the Bio-Medical Waste Management Rules, 2016</p>		<p>Date: 28/05/2026</p>



8	Statutory compliance	The company shall strictly comply with the rules and guidelines prescribed under Manufacture, Storage and Import of Hazardous Chemical (MSIHC) Rules, 1989 as amended from time to time. All transportation of hazardous chemicals shall be as per the Motor Vehicle Act (MVA), 1989.
PPs Submission: Complied The company complies with the rules and guidelines prescribed under the Manufacture, Storage and Import of Hazardous Chemical (MSIHC) Rules, 1989 (as amended from time to time). All transportation of hazardous chemicals is carried out in accordance with the Motor Vehicle Act (MVA), 1989.		Date: 25/05/2026
9	Statutory compliance	The project proponent shall comply with the relevant siting criteria, standard operating practices, code of practice and guidelines, if any, prescribed by the SPCB/CPCB/MoEF and CC for such category of units.
PPs Submission: Complied The project proponent complies with the relevant siting criteria, standard operating practices, code of practice, and guidelines prescribed by SPCB/CPCB/MoEFCC for this category of units.		Date: 25/05/2026
10	Statutory compliance	The project proponent shall comply with the CLU conditions imposed by the competent authority, if any.
PPs Submission: Complied The condition is not applicable for the site.		Date: 25/05/2026
11	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall install 24x7 continuous emission monitoring system at the inlet as well as at the outlet (stack) of each APCD to monitor the SPM concentration with respect to standards prescribed in Environment Protection) Rules 1986. The system will be connected online with the SPCB and CPCB online servers and will be periodically calibrated in accordance with the specifications and protocol of the equipment supplier through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
PPs Submission: Complied The plant has installed a 24 x 7 continuous emission monitoring system (CEMS) at the dust collector outlet to monitor SPM concentration in accordance with the standards prescribed under the Environment (Protection) Rules 1986. The system is connected online with servers and is periodically calibrated as per the equipment supplier protocol.		Date: 28/05/2026
12	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
PPs Submission: Complied The site conducts the environment monitoring from the NABL accredited lab.		Date: 28/05/2026
13	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall install a system to carry out Manual Ambient Air Quality monitoring for parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 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 angle of 120 degree each), covering upwind and downwind directions.



<p>PPs Submission: Complied The unit has installed online Ambient Air Quality Monitoring (AAQM) stations at four locations within the site. In addition, manual monitoring of all relevant ambient air quality parameters is being carried out by an external agency approved under applicable regulations. The condition has been noted, and compliance is assured.</p>		<p>Date: 28/05/2026</p>
14	<p>AIR QUALITY MONITORING AND PRESERVATION</p>	<p>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 percentage 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.</p>
<p>PPs Submission: Complied The condition regarding installation of suitable pollution control devices, adherence to NAAQS norms, and control of Sulphur content in coal is noted and complied with. The site does not use coal as a fuel; therefore, the requirement to maintain Sulphur content below 0.5 percent is not applicable. Gaseous emissions are dispersed through stacks of adequate height as per CPCB/SPCB guidelines, ensuring compliance.</p>		<p>Date: 25/05/2026</p>
15	<p>AIR QUALITY MONITORING AND PRESERVATION</p>	<p>Raw materials, coal etc shall either be stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.</p>
<p>PPs Submission: Complied Noted and compliance assured. The unit has its own designated parking area inside the plant premises for raw material trucks, finished goods trucks, employees, and contractual staff, ensuring proper traffic management and safety.</p>		<p>Date: 25/05/2026</p>
16	<p>AIR QUALITY MONITORING AND PRESERVATION</p>	<p>Appropriate Air Pollution Control (APC) system shall be provided for all the dust-generating points including fugitive dust from all vulnerable sources.</p>
<p>PPs Submission: Complied The unit has provided a reverse jet filter cleaning system at the powder storage silo and charge hopper to control dust emissions. Additionally, three dust collectors have been installed at the TSD processing section to capture fugitive dust from vulnerable sources. Regular maintenance of all Air Pollution Control (APC) systems is ensured to maintain efficiency and prevent any fugitive emissions from the process.</p>		<p>Date: 25/05/2026</p>
17	<p>AIR QUALITY MONITORING AND PRESERVATION</p>	<p>The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.</p>
<p>PPs Submission: Complied "The condition regarding providing leakage detection and mechanized bag cleaning facilities has been noted and complied with. The unit has implemented appropriate systems to ensure timely detection of leaks and mechanized cleaning of bags for better maintenance and operational efficiency."</p>		<p>Date: 25/05/2026</p>
18	<p>AIR QUALITY MONITORING AND PRESERVATION</p>	<p>Sufficient number of mobile and stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, etc. regularly.</p>
<p>PPs Submission: Complied The condition regarding provision of sufficient mobile and stationary vacuum cleaners for regular cleaning of plant roads, shop floors, and roofs has been noted and complied with. The unit has deployed adequate vacuum-cleaning equipment to maintain cleanliness and minimize dust</p>		<p>Date: 25/05/2026</p>



		emissions, ensuring compliance with prescribed norms.	
19	AIR QUALITY MONITORING AND PRESERVATION	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 complied with.	
		PPs Submission: Complied The condition regarding adherence to the National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July 2010 and its subsequent amendments has been noted, and compliance is assured.	Date: 25/05/2026
20	AIR QUALITY MONITORING AND PRESERVATION	The National Ambient Air Quality Emission Standard issued by the Ministry vide G.S.R. No. 826(E) dated 16th November 2009 shall be complied with.	
		PPs Submission: Complied The condition regarding adherence to the National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November 2009 has been noted and complied with. All ambient air quality parameters are monitored and maintained within the prescribed limits as per the standard requirements.	Date: 25/05/2026
21	AIR QUALITY MONITORING AND PRESERVATION	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.	
		PPs Submission: Complied The condition regarding equipping DG sets with suitable pollution control devices and providing adequate stack height has been noted and complied with. All DG sets at the unit are fitted with appropriate pollution control systems and adequate stack height has been provided in accordance with CPCB/SPCB guidelines to ensure emissions remain within prescribed limits.	Date: 28/05/2026
22	WATER QUALITY MONITORING AND PRESERVATION	The project proponent will provide for the online continuous monitoring of effluents. The unit shall install web camera with night vision capability and flow meters in the channels / drains carrying effluents within the premises (applicable in case of the projects achieving ZLD).	
		PPs Submission: Complied The condition regarding online continuous monitoring of effluents has been noted and complied with. The site has installed an online monitoring system on the final treated water to ensure real-time compliance. Additionally, flow meters have been installed in, and night vision cameras have been provided for continuous surveillance within the premises. Compliance is assured as per the applicable ZLD requirements	Date: 28/05/2026
23	WATER QUALITY MONITORING AND PRESERVATION	As committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.	
		PPs Submission: Complied The condition regarding ensuring Zero Liquid Discharge (ZLD) and preventing any discharge of waste or treated water outside the premises has been noted and complied with. The site operates on a ZLD system, and no treated or untreated effluent is discharged beyond the plant boundary, ensuring full compliance with regulatory requirements.	Date: 25/05/2026
24	WATER QUALITY MONITORING AND PRESERVATION	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 of the two is more stringent.	



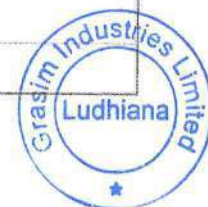
<p>PPs Submission: Complied The condition regarding ensuring that effluent discharge conforms to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever is more stringent, has been noted and complied with. All treated effluent meets the applicable regulatory standards, and compliance is assured. ZLD treated water (RO permeate water) report attached as annexure</p>		Date: 28/05/2026
25	WATER QUALITY MONITORING AND PRESERVATION	Total freshwater requirement shall not exceed the proposed quantity or as specified by the regulatory authority. Prior permission shall be obtained from the concerned regulatory
<p>PPs Submission: Complied The plant has complied with the regulatory condition that the total freshwater requirement shall not exceed the proposed quantity or the limit specified by the regulatory authority. Prior permission for freshwater withdrawal has been duly obtained from the concerned regulatory body (PWRDA). All operations are being carried out in accordance with the stipulated guidelines.</p>		Date: 28/05/2026
26	WATER QUALITY MONITORING AND PRESERVATION	Process effluent/any wastewater shall not be allowed to mix with storm water.
<p>PPs Submission: Complied The plant has complied with the regulatory condition that process effluent or any wastewater has not to allow to mix with storm water. Adequate segregation measures and infrastructure have been implemented to ensure complete compliance with this requirement.</p>		Date: 25/05/2026
27	WATER QUALITY MONITORING AND PRESERVATION	The rainwater from the roof tops of the buildings and storm water drains will be harvested / collected and utilized for different industrial operations within the plant.
<p>PPs Submission: Complied The plant has complied with the regulatory condition, Adequate infrastructure and systems have been implemented to ensure effective rainwater harvesting and utilization. Unit have constructed the 2 no. of rain water tank of total capacity 9600 KL to store the rain water run off generated from the roof tops etc during monsoon season within its premises and reutilize the same for industrial process and gardening/plantation purposes.</p>		Date: 25/05/2026
28	WATER QUALITY MONITORING AND PRESERVATION	The project proponent shall regularly monitor the ground water quality at least twice a year (pre and post-monsoon season) through a sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
<p>PPs Submission: Complied The unit is conducting borewell water testing during both pre-monsoon and post-monsoon periods. The sampling and analysis are performed through NABL-accredited laboratories, ensuring adherence to regulatory standards. Reports are documented and maintained for submission to the regulatory authorities as part of the Environmental Monitoring Plant.</p>		Date: 28/05/2026
29	WATER QUALITY MONITORING AND PRESERVATION	The Project Proponent shall install ETP with capacity of 150 KLD with primary, two stage biological and tertiary treatments followed by advance tertiary treatment like RO and MEEATFD to treat the industrial effluents generated from its processes.
<p>PPs Submission: Complied The plant has complied with the regulatory requirement to install an Effluent Treatment Plant (ETP) with a capacity of 150 KLD, incorporating primary treatment, two-stage biological treatment, and tertiary treatment, followed by advanced tertiary systems such as RO and MEE/ATFD to effectively treat industrial effluents generated from its processes. The system is fully operational and meets</p>		Date: 28/05/2026



		prescribed standard.	
30	WATER QUALITY MONITORING AND PRESERVATION	Sewage Treatment Plant of capacity 30 KLD shall be installed for treatment of domestic wastewater to meet the prescribed standards. The treated wastewater will be reused for greenbelt development and STP sludge will be used as manure for greenbelt development.	
PPs Submission: Complied The plant has complied with the regulatory condition to install a Sewage Treatment Plant (STP) of 30 KLD capacity for the treatment of domestic wastewater to meet prescribed standards. The treated wastewater is being reused for greenbelt development, and STP sludge is utilized as manure for greenbelt development.			Date: 28/05/2026
31	Noise Monitoring & Prevention	Acoustic enclosure shall be provided for DG sets for controlling the noise pollution.	
PPs Submission: Complied The plant has complied with the regulatory requirement to provide acoustic enclosures for DG sets to effectively control noise pollution. The installation ensures that noise levels remain within the prescribed limits as per applicable standards.			Date: 25/05/2026
32	Noise Monitoring & Prevention	The overall noise levels in and around the plant area shall be kept well within the prescribed standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.	
PPs Submission: Complied The plant has complied with the regulatory requirement to maintain overall noise levels in and around the plant area within the prescribed standards. Noise control measures such as acoustic hoods, silencers, and enclosures have been provided on all sources of noise generation.			Date: 28/05/2026
33	Noise Monitoring & Prevention	Noise level survey shall be carried out as per the prescribed guidelines and the report in this regard shall be submitted to the Regional Office of the MOEF and CC as a part of the six-monthly compliance reports.	
PPs Submission: Complied As per the prescribed guidelines, a noise level survey has been carried out through an NABL accredited laboratory. All monitored parameters are within the permissible limits specified under the Environment (Protection) Rules. The detailed report has been submitted to the Regional Office of MoEFCC as part of the six-monthly compliance report.			Date: 25/05/2026
34	Noise Monitoring & Prevention	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 nighttime.	
PPs Submission: Complied Ambient noise levels have been monitored by an external NABL-accredited agency as per the standards prescribed under the Environment (Protection) Act, 1986. The permissible limits are 75 dB(A) during daytime and 70 dB(A) during nighttime. All recorded values are within these prescribed limits. The detailed monitoring reports have submitted to respective authority			Date: 28/05/2026
35	ENERGY PRESERVATION MEASURES	The project proponent shall provide solar power generation on rooftops of buildings, solar light system for all common areas, streetlights, parking around project area and maintain the same regularly.	
PPs Submission: Complied 1MW solar facility provided on rooftops of buildings, solar light system for all common areas,			Date:



		streetlights, parking around project area and maintain the same regularly.	25/05/2026
36	ENERGY PRESERVATION MEASURES	The project proponent shall provide LED lights in their offices and residential areas.	
PPs Submission: Complied The project proponent has installed LED lights in all office spaces and residential areas as per the stipulated condition. This measure is fully complied and being maintained regularly to ensure energy efficiency.			Date: 25/05/2026
37	WASTE MANAGEMENT	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided wherever required.	
PPs Submission: Complied Hazardous chemicals are being stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided wherever required.			Date: 25/05/2026
38	WASTE MANAGEMENT	Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic residues and evaporation salt shall be disposed off to the TSDF.	
PPs Submission: Complied ETP sludge, process waste, waste residue, other hazardous waste TSDF facilities as per the prescribed norms. Currently, all chemical sludge and process waste are being sent to authorized coprocessing facilities for safe disposal. This condition is fully complied.			Date: 25/05/2026
39	WASTE MANAGEMENT	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 processing of raw materials or as raw material substitutes in other processes. c. Use of automated filling to minimize spillage. d. Use of Close Feed system in batch reactors. e. Venting equipment to be equipped with vapor recovery system.	
PPs Submission: Complied The company has successfully implemented several measures to minimize waste and ensure compliance with environmental requirements: Metering and Control of Active Ingredients, Precise metering systems have been installed to control the quantities of active ingredients used in production. This helps reduce excess usage and minimizes waste generation, wash water uses scheme adopted Reuse of wash water, Automated Filling Systems t has been adopted to minimize spillage and ensure accurate dosing, thereby reducing material loss during packaging and handling. Close Feed System in Batch Reactors Closed feed systems are in place to prevent leaks and exposure during material transfer. This ensures efficient handling and minimizes waste. Vapor Recovery Systems on Venting Equipment Venting systems have been equipped with vapor recovery units to capture and reuse vapors, reducing emissions and conserving valuable materials.			Date: 25/05/2026
40	WASTE MANAGEMENT	Use of high-pressure hoses for cleaning of equipment to reduce wastewater generation.	
PPs Submission: Complied The company has adopted the use of high-pressure hoses for cleaning equipment as a key measure to reduce wastewater generation. High-pressure cleaning ensures effective removal of residues with minimal water consumption compared to conventional methods. This practice significantly contributes to resource conservation and aligns with our sustainability objectives.			Date: 28/05/2026
41	WASTE MANAGEMENT	The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous and Other waste (Management and Transboundary Movement) Rules, 2016.	



<p>PPs Submission: Complied The company ensures that waste oil, grease, and other hazardous wastes are disposed of strictly in accordance with the provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016. This includes proper storage, handling, transportation, and disposal through authorized recyclers or co-processing facilities, as per regulatory requirements.</p>		<p>Date: 25/05/2026</p>
42	WASTE MANAGEMENT	Kitchen waste shall be composted or converted to biogas for further use.
<p>PPs Submission: Complied Kitchen waste shall be composted or converted to biogas for further use.</p>		<p>Date: 28/05/2026</p>
43	GREENBELT	An area of 81971 Sqm (equal to 33 percentage of the project area) shall be developed as green Belt area. At least 75 percentage of this area (along the periphery and other open spaces) should be planted with indigenous, preferably broad leaved, tree species whereas balance greening can be done through a mix of ornamental trees, medicinal / ornamental plants, shrubs, grasses etc. The height of the saplings to be planted should not be less than 6 ft and each plant shall be properly maintained. The project proponent shall make adequate provisions of funds to ensure maintenance of the 12,300 saplings to be planted in the Green Belt for a period of three years after plantation. Species with heavy foliage, broad leaves and wide canopy cover should be preferred whereas plantation of water intensive and/or invasive species should be minimized.
<p>PPs Submission: Complied The condition is noted and compliance assured. The unit has planted more than 12300 nos of trees and shrubs in green belt area of plant. The details of green belt layout are available as per design and recommendation.</p>		<p>Date: 28/05/2026</p>
44	PUBLIC HEARING	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be prepared and implemented in case of any emergencies.
<p>PPs Submission: Complied The company has prepared and implemented an Emergency Preparedness Plan based on Hazard Identification and Risk Assessment (HIRA) and the Disaster Management Plan. This plan ensures readiness to respond effectively in case of any emergencies, minimizing risks to personnel, property, and the environment. Regular drills and reviews are conducted to maintain preparedness and compliance.</p>		<p>Date: 25/05/2026</p>
45	PUBLIC HEARING	The unit shall make requisite arrangements for protection from possible fire hazards during all the manufacturing, transportation and storage processes with special emphasis on the vulnerable areas. The proposed Firefighting system shall be installed and tested fully prior to commencement of operations. As proposed, Fire Tender with Water, Foam and DCP will be procured and stationed at the Fire Station (With Two Turnout Crews).
<p>PPs Submission: Complied The unit has made all requisite arrangements to ensure protection from possible fire hazards during manufacturing, transportation, and storage processes, with special emphasis on vulnerable areas. A comprehensive firefighting system has been installed and fully tested prior to commencement of operations. As proposed, a Fire Tender equipped with Water, Foam, and Dry Chemical Powder (DCP) has been procured and stationed at the designated Fire Station, along with two trained turnout crews to ensure immediate response in case of emergencies.</p>		<p>Date: 28/05/2026</p>
46	PUBLIC HEARING	The project proponent shall provide Personal Protection Equipment



(PPE) as per the norms provided under the Factory Act.

PPs Submission: Complied

The unit has ensured the provision of Personal Protective Equipment (PPE) to all employees as per the norms specified under the Factories Act. This includes helmets, gloves, safety shoes, goggles, ear protection, and other necessary gear to safeguard workers during manufacturing and handling operations. Regular checks and training sessions are conducted to ensure proper usage and compliance.

Date:
25/05/2026

47

PUBLIC HEARING

Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations of all employees shall be undertaken on regular basis.

PPs Submission: Complied

The unit has implemented a comprehensive program to ensure employee safety and health in chemical handling operations. Training sessions are regularly conducted for all employees on safe handling practices, emergency response, and health precautions related to chemicals. Additionally, pre-employment medical examinations and routine periodical health check-ups are carried out for all employees to monitor and maintain their well-being, in compliance with statutory requirements.

Date:
25/05/2026

48

PUBLIC HEARING

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 construction phase of the project

PPs Submission: Complied

During construction period- The unit had made requisite arrangements for housing construction labor within near the site, ensuring all necessary infrastructure and facilities are provided. These include fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, and a creche facility. The housing had been provided in the form of temporary structures, which had been removed after the completion of the construction phase of the project.

Date:
25/05/2026

49

PUBLIC HEARING

Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act. Dedicated Occupational Health Care Centre equipped with Ambulance shall be provided within the project premises

PPs Submission: Complied

The unit conducts regular occupational health surveillance of all workers and maintains records in accordance with the Factories Act. A dedicated Occupational Health Care Centre, equipped with necessary medical facilities and an ambulance, has been established within the project premises to ensure immediate healthcare support in case of emergencies.

Date:
25/05/2026

50

PUBLIC HEARING

Adequate space should be provided inside the plant premises dedicated for parking of vehicles for raw materials and finished products. No parking should be allowed outside on public places.

PPs Submission: Complied

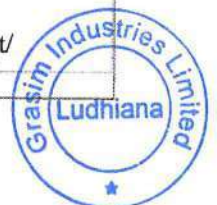
Adequate space has been provided inside the plant premises dedicated for the parking of vehicles carrying raw materials and finished products. Strict measures are in place to ensure that no parking is allowed outside the plant, thereby avoiding congestion and ensuring safety.

Date:
25/05/2026

51

MISCELLANEOUS

The company shall have a well laid down environmental policy duly approved 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 norms/conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions to all / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF and CC/SEIAA as a part of the six-monthly compliance report.
PPs Submission: Complied Environment Policy and commitment of board director with respective directives.		Date: 28/05/2026
52	MISCELLANEOUS	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of a Senior Executive, who will directly report to the head of the organization.
PPs Submission: Complied A separate Environmental Cell has been established both at the project site and at the company headquarters, staffed with qualified personnel. This cell operates under the control of a Senior Executive, who reports directly to the Head of the Organization. The Structure ensures effective monitoring and implementation of environmental management practices across all levels.		Date: 28/05/2026
53	MISCELLANEOUS	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 will not be diverted for any other purpose. The project proponent shall spend a minimum amount of Rs. 56.9 Cr. towards capital cost and Rs 2.76 Cr. towards recurring cost (including CER activities) for the implementation of EMP proposed by them as listed in table. Year-wise progress of implementation of action plan along with the Six-Monthly Compliance Report shall be submitted to the Regional Office of the MOEF and CC and SEIAA. Self-environmental audit shall be conducted annually. Every three years third-party environmental audit shall be carried out.
PPs Submission: Complied A detailed Action Plan for implementing the Environmental Management Plan (EMP) and environmental conditions, along with the Responsibility Matrix, was prepared and submitted during the Environmental Clearance (EC) process.		Date: 28/05/2026
54	MISCELLANEOUS	This environmental clearance will be valid for a period of seven years from the date of its issue or till the completion of the project, whichever is earlier.
PPs Submission: Complied The condition is noted and compliance assured.		Date: 25/05/2026
55	MISCELLANEOUS	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it in at least two local newspapers of the District or State, of which one shall be in the vernacular language within seven days. The EC grated to the Project shall also be displayed in the project proponent's website permanently.
PPs Submission: Complied The project proponent has ensured that the Environmental Clearance (EC) granted for the project, along with all environmental conditions and safeguards, has been publicly disclosed at their cost. This was achieved by advertising in at least two local newspapers (one in the vernacular language)		Date: 25/05/2026



within seven days of receiving the clearance.

56

MISCELLANEOUS

Copies of this environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn have to display the same publicly for 30 days from the date of receipt.

PPs Submission: Complied

The project proponent has submitted copies of the Environmental Clearance (EC) to the Heads of local bodies, Panchayats, and Municipal Bodies, as well as to the relevant government offices. These authorities have been instructed to display the EC publicly for 30 days from the date of receipt, ensuring transparency and public awareness. Complied

Date:
28/05/2026

57

MISCELLANEOUS

The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.

PPs Submission: Complied

The project proponent has ensured that the status of compliance with the stipulated Environmental Clearance (EC) conditions, including results of monitored environmental data, is uploaded on the official website and updated on a half-yearly basis. This practice ensures transparency and public accessibility of environmental performance information.

Date:
25/05/2026

58

MISCELLANEOUS

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 prominent location for disclosure to the public and also upload the same on the website of the company.

PPs Submission: Complied

"The project proponent monitors criteria pollutant levels namely PM10, SO2, and NOX covering both ambient air quality and stack emissions as well as other critical sectoral parameters indicated for the project. Testing is conducted by an external agency in accordance with the stipulated conditions. The monitored data is displayed at a prominent location within the premises for public disclosure and is also uploaded on the company official website for transparency."

Date:
25/05/2026

59

MISCELLANEOUS

The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment, Forest and Climate Change (Parivesh Portal).

PPs Submission: Complied

The Plant has complied with the stipulated condition of submitting six-monthly reports on the status of environmental compliance through the MoEFCC Parivesh Portal. The last report was successfully uploaded and is attached here for reference.

Date:
25/05/2026

60

MISCELLANEOUS

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 also upload the same on the website of the company.

PPs Submission: Complied

The project proponent has complied with the requirement to submit the Environmental Statement (Form V) for each financial year to the concerned State Pollution Control Board as per the Environment (Protection) Rules, 1986 (as amended). The latest Form-V has been submitted and uploaded on the company website.

Date:
28/05/2026



61	MISCELLANEOUS	The project proponent shall inform the Regional Office of the Ministry and PPCB, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
PPs Submission: Complied The project proponent has complied with the requirement to inform the Regional Office of the Ministry and the Punjab Pollution Control Board (PPCB) regarding the date of financial closure, final approval of the project by the concerned authorities, commencement of land development work, and start of production operations. All required communications have been duly submitted.		Date: 25/05/2026
62	MISCELLANEOUS	The project authorities must strictly adhere to the relevant stipulations made by the State Pollution Control Board and the State Government.
PPs Submission: Complied The project authorities have complied with the requirement to strictly adhere to all relevant stipulations made by the State Pollution Control Board and the State Government. This condition has been noted for continuous adherence.		Date: 25/05/2026
63	MISCELLANEOUS	The project proponent shall abide by all the commitments and recommendations made in the EIA /EMP report, commitment made during Public Hearing and also those made during their presentation to the SEAC and SEIAA.
PPs Submission: Complied The plant has complied with the requirement to abide by all commitments and recommendations made in the EIA/EMP report, during the Public Hearing, and those presented to SEAC and SEIAA. All commitments have been implemented and are being monitored for continued adherence		Date: 25/05/2026
64	MISCELLANEOUS	No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA.
PPs Submission: Complied The project proponent has complied with the condition that no further expansion or modification in the plant shall be carried out without obtaining prior approval from SEIAA.		Date: 25/05/2026
65	MISCELLANEOUS	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
PPs Submission: Complied The unit acknowledges this condition and commits to full compliance. It understands that concealing factual data or submitting false information may lead to withdrawal of environmental clearance and action under the Environment (Protection) Act, 1986. All data provided will remain accurate, transparent, and verifiable at all times.		Date: 25/05/2026
66	MISCELLANEOUS	The SEIAA/Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
PPs Submission: Complied The project proponent acknowledges that SEIAA/Ministry reserves the right to stipulate additional conditions if deemed necessary and commits to implementing any such conditions in a time-bound manner. This requirement has been noted and complied.		Date: 25/05/2026
67	MISCELLANEOUS	The SEIAA/ Ministry reserves the right to stipulate additional conditions if found necessary and the Project Proponent will be bound to implement the same in a timebound manner.

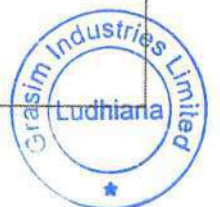


<p>PPs Submission: Complied The project proponent has complied with the requirement to extend full cooperation to officers and members of the Regional Office of MoEF CC, PPCB, and SEIAA/SEAC during monitoring visits. All requisite data, information, and monitoring reports have been provided to the designated authorities as requested.</p>		<p>Date: 25/05/2026</p>
68	MISCELLANEOUS	<p>The Regional Office of the MOEF and CC and the Punjab Pollution Control Board shall monitor compliance of the stipulated conditions. Members of SEIAA / SEAC may also undertake visits to ascertain compliance of EC conditions. The project authorities should extend full cooperation to the officer (s) / Members of the Regional Office of the MOEF and CC, PPCB and Members of SEIAA / SEAC deputed for this purpose and ensure submission of the requisite data / information/monitoring reports to the designated authorities.</p>
<p>PPs Submission: Complied This condition has been noted for strict adherence. The project proponent has complied with the condition that all stipulated requirements shall be enforced under the provisions of the Water (Prevention and Control of Pollution Act 1974 Air (Prevention and Control of Pollution) Act 1981 Environment (Protection) Act 1986 Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016 Public Liability Insurance Act 1991 and any amendments or orders passed by the Honble Supreme Court High Courts or other courts of law related to the subject matter.</p>		<p>Date: 25/05/2026</p>
69	MISCELLANEOUS	<p>The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.</p>
<p>PPs Submission: Complied The unit has fully complied with the condition and is committed to controlling air pollution from the installation and operation of air-polluting machinery. To ensure compliance, three dust collectors have been installed to capture particulate matter at source, two air scrubbers have been provided for effective removal of VOC pollutants, and a reverse jet filter has been installed on powder storage vessels to minimize dust emissions. All systems are operational and maintained regularly to ensure optimal performance and adherence to regulatory requirements.</p>		<p>Date: 25/05/2026</p>
70	MISCELLANEOUS	<p>Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.</p>
<p>PPs Submission: Complied The project proponent acknowledges that any appeal against this Environmental Clearance (EC) shall lie with the National Green Tribunal (NGT) within a period of 30 days, as prescribed under Section 16 of the National Green Tribunal Act, 2010. This condition has been noted and complied with.</p>		<p>Date: 25/05/2026</p>
Visit Remarks		
Last Site Visit Report Date:		N/A
Additional Remarks:		<p>Hereby submitting the half early EC compliance report against the EC no EC22B023PB139111 date 19 Jan 2022 against the reporting period 1st Oct 2025 to 31st March</p>



2026.

Note: This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's reference purpose.



Annexure List		
Sr No	Annexure	Desp
1	Annexure 1	Stack emission report
2	Annexure 2	CEMS Report
3	Annexure 3	Ground water NOC
4	Annexure 4	Rain harvesting Structure
5	Annexure 5	STP outlet report
6	Annexure 6	Borewell water report
7	Annexure 7	PNG gas invoice
8	Annexure 8	CER expenses details
9	Annexure 9	Fish pond tank
10	Annexure 10	Biocomposting machine
11	Annexure 11	Consent to establishment
12	Annexure 12	HWM Authorization certificate
13	Annexure 13	Biomedical waste Authorization
14	Annexure 14	RSPM monitoring report
15	Annexure 15	Ambient air quality monitoring report
16	Annexure 16	STP & ETP connectivity with CEMS & CCTV camera
17	Annexure 17	RO premeate water quality report
18	Annexure 18	Workplace noise monitoring report
19	Annexure 19	Ambient air noise monitoring
20	Annexure 20	Agreement with coprocessing agency
21	Annexure 21	High pressure jet gun usage
22	Annexure 22	Green belt status
23	Annexure 23	Environment Policy
24	Annexure 24	EMP status
25	Annexure 25	Advetisement
26	Annexure 26	Form V





TEST REPORT



ULR No : NA		Test Report No : NSEL120326NA081	
Type of Sample # : Stack Emission			
Reference Type : PO Number		Reference No : 4900234207 Dt. 28/05/2025	
Customer Name #	Grasim Industries Ltd. (Birla Paints Division)		
Customer Address #	Plot Nos. B 1 and D 02 P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dhanansu, Ludhiana, Punjab	Period of Sampling	11/03/2026 - 11/03/2026
Sampling Protocol	IS 11255, CPCB: LATS/80/2013-14	Date of Sample Receipt	12/03/2026
Mode of Collection of Sample	Sample collected by Laboratory Mr. Bhajanpreet Singh	Period of Analysis	12/03/2026 - 21/03/2026
Source of Emission	Boiler Stack (2000 kg/hr) Sr. No. FVPL-22-3961	Date of reporting	21/03/2026
Stack Description	Single, Circular & Metal	Fuel Used	PNG
Point of Sample Collection	From Port Hole	APCD Details (If provided)	NA
Standard/Specifications	Stack Emission (Natural gas) : EPA 1986, S.No. 106A		
Testing Location	On Site & Permanent Facility		

RESULTS

1. Chemical Testing

1. Atmospheric Pollution (Stack Emission)

Sr.No	Test Parameter	Unit	Result	Standard	Test Method
1	Sulphur dioxide as SO ₂	mg/Nm ³	BDL (5)	Not Specified	EL-QTM-08
2	Oxides of Nitrogen	mg/Nm ³	148	Not Specified	EL-QTM-08
3	Carbon monoxide as CO	mg/Nm ³	71	Not Specified	EL-QTM-08
4	Oxygen as O ₂	%	18.2	Not Specified	EL-QTM-08
5	Carbon dioxide as CO ₂	%	1.1	Not Specified	EL-QTM-08
6	Flue gas velocity	m/s	14.1	Not Specified	IS 11255 : Part 3
7	Temperature	°C	190	Not Specified	IS 11255 : Part 3
8	Particulate Matter at 12% CO ₂ Corr.	mg/Nm ³	16	max. 150 (2 to <10 TPH)	IS 11255 (Part-1)

Remarks : NA

End of Report

Mr. Umesh Kumar
Authorized Signatory- Chemical

EL-FMT-7.8.2-SE

Page No. 1/2



TEST REPORT



ULR No : NA

Test Report No : NSEL120326NA081

Type of Sample # : Stack Emission

OTHER INFORMATION

Abbreviation & Symbol : # Information provided by customer. ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable
Terms & Conditions :

1. The results relate only to the items tested.
2. Giving opinions does not imply endorsement of the tested product by laboratory. Under no circumstances, laboratory accepts any liability caused by use or misuse of Test Report.
3. The Test Report shall not be reproduced except in full or part or used as advertisement or evidence in court of law without written approval of the laboratory. Samples drawn under special circumstances like legal cases, the customer must declare the same at the time of submission.
4. Complaint log book is with Quality Cell. Contact No. (M) 91 8872 04 3135, Phone 91 172 4616 225 Email: quality@ecoparyavarana.org
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Mr. Umesh Kumar

Authorized Signatory- Chemical

EL-FMT-7.8.2-SE

Page No.2/2





TEST REPORT



ULR No : NA		Test Report No : NSEL120326NA082	
Type of Sample # : Stack Emission			
Reference Type : PO Number		Reference No : 4900234207 Dt.: 28/05/2025	
Customer Name #	Grasim Industries Ltd. (Birla Paints Division)		
Customer Address #	Plot Nos. B 1 and D 02 P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dhanansu, Ludhiana, Punjab	Period of Sampling	11/03/2026 - 11/03/2026
Sampling Protocol	IS 11255, CPCB: LATS/80/2013-14	Date of Sample Receipt	12/03/2026
Mode of Collection of Sample	Sample collected by Laboratory Mr. Bhajanpreet Singh	Period of Analysis	12/03/2026 - 21/03/2026
Source of Emission	Boiler Stack (2000 kg/hr) Sr. No. FVPL-22-3963	Date of reporting	21/03/2026
Stack Description	Single, Circular & Metal	Fuel Used	PNG
Point of Sample Collection	From Port Hole	APCD Details (If provided)	NA
Standard/Specifications	Stack Emission (Natural gas) : EPA 1986, S.No. 106A		
Testing Location	On Site & Permanent Facility		

RESULTS

1. Chemical Testing

I. Atmospheric Pollution (Stack Emission)

Sr.No	Test Parameter	Unit	Result	Standard	Test Method
1	Sulphur dioxide as SO ₂	mg/Nm ³	BDL (5)	Not Specified	EL-QTM-08
2	Oxides of Nitrogen	mg/Nm ³	157	Not Specified	EL-QTM-08
3	Carbon monoxide as CO	mg/Nm ³	75	Not Specified	EL-QTM-08
4	Oxygen as O ₂	%	18.0	Not Specified	EL-QTM-08
5	Carbon dioxide as CO ₂	%	1.3	Not Specified	EL-QTM-08
6	Flue gas velocity	m/s	14.1	Not Specified	IS 11255 : Part 3
7	Temperature	°C	195	Not Specified	IS 11255 : Part 3
8	Particulate Matter at 12% CO ₂ Corr.	mg/Nm ³	10	max. 150 (2 to <10 TPH)	IS 11255 (Part-1)

Remarks : NA

End of Report

Mr. Umesh Kumar

Authorized Signatory- Chemical

EL-FMT-7.8.2-SE

Page No.1/2



ECO BHAWAN E-207, Industrial Area, Phase VIII-B (Sector-74), Mohali (Punjab) 160071

TEST REPORT



ULR No : NA

Test Report No : NSEL120326NA082

Type of Sample # : Stack Emission

OTHER INFORMATION

Abbreviation & Symbol : # Information provided by customer. ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

Terms & Conditions :

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Mr. Umesh Kumar

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EL-FMT-7.8.2-SE

Page No.2/2





TEST REPORT



TC-11818

ULR No : NA		Test Report No : NSEL120326NA089	
Type of Sample # : Stack Emission			
Reference Type : Work Order No		Reference No : 4900234207 Dt.: 28/05/2025	
Customer Name #	Grasim Industries Ltd. (Birla Paints Division)		
Customer Address #	Plot Nos. B 1 and D 02 P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dhanansu, Ludhiana, Punjab	Period of Sampling	11/03/2026 - 11/03/2026
Sampling Protocol	IS 11255, CPCB: LATS/80/2013-14	Date of Sample Receipt	12/03/2026
Mode of Collection of Sample	Sample collected by Laboratory	Period of Analysis	12/03/2026 - 21/03/2026
Source of Emission	Boiler Stack (500 kg/hr)	Date of reporting	21/03/2026
Stack Description	Single, Circular & Metal	Fuel Used	PNG
Point of Sample Collection	From Port Hole	APCD Details (If provided)	NA
Standard/Specifications	Stack Emission (Natural gas) : EPA 1986, S.No. 106A		
Testing Location	On Site & Permanent Facility		

RESULTS

1. Chemical Testing

I. Atmospheric Pollution (Stack Emission)

Sr.No	Test Parameter	Unit	Result	Standard	Test Method
1	Particulate Matter at 12% CO ₂ Cor.	mg/Nm ³	13	max. 500 (Less than 2 TPH)	IS 11255 (Part-1)
2	Sulphur dioxide as SO ₂	mg/Nm ³	BDL (5)	Not Specified	EL-QTM-08
3	Oxides of Nitrogen	mg/Nm ³	145	Not Specified	EL-QTM-08
4	Carbon monoxide as CO	mg/Nm ³	66	Not Specified	EL-QTM-08
5	Oxygen as O ₂	%	18.5	Not Specified	EL-QTM-08
6	Carbon dioxide as CO ₂	%	1.0	Not Specified	EL-QTM-08
7	Flue gas velocity	m/s	13.5	Not Specified	IS 11255 : Part 3
8	Temperature	°C	160	Not Specified	IS 11255 : Part 3

Remarks : NA

End of Report

Mr. Umesh Kumar
Authorized Signatory- Chemical

EL-FMT-7.8.2-SE

Page No 1/2



ECO BHAWAN E-207, Industrial Area, Phase VIII-B (Sector-74), Mohali (Punjab) 160071

TEST REPORT



ULR No : NA

Test Report No : NSEL120326NA089

Type of Sample # : Stack Emission

OTHER INFORMATION

Abbreviation & Symbol : # Information provided by customer. ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable
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Mr. Umesh Kumar
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EL-FMT-7.8.2-SE

Page No 2/2





TEST REPORT



ULR No : NA		Test Report No : NSTL210226NA078	
Type of Sample # : Stack Emission			
Reference Type : Work Order No		Reference No : 4900234207 Dt.: 28/05/2025	
Customer Name #	Grasim Industries Ltd. (Birla Paints Division)		
Customer Address #	Plot Nos. B 1 and D 02 P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dhanansu, Ludhiana, Punjab	Period of Sampling	21/02/2026 - 21/02/2026
Sampling Protocol	IS 11255, CPCB: LATS/80/2013-14	Date of Sample Receipt	21/02/2026
Mode of Collection of Sample	Sample collected by Laboratory Mr. Bhajanpreet Singh	Period of Analysis	21/02/2026 - 05/03/2026
Source of Emission	DG Set No.1 (2000 KVA)	Date of reporting	05/03/2026
Stack Description	Single, Circular & Metal	Fuel Used	HSD
Point of Sample Collection	From Port Hole	APCD Details (If provided)	NA
Standard/Specifications	Emission- Diesel Engine greater than 800 KW or 1000 KVA : EPA 1986 S.No. 96		
Testing Location	On Site & Permanent Facility		

RESULTS

1. Chemical Testing

I. Atmospheric Pollution (Stack Emission)

Sr.No	Test Parameter	Unit	Result	Standard	Test Method
1	Flue Gas Velocity	m/s	18.3	Not Specified	IS 11255 (Part-3)
2	Particulate Matter (at 15% O2 Corr.)	mg/Nm3	68	75(max.)	IS 11255 (Part-1)
3	Sulphur dioxide as SO2	mg/Nm3	39	Not Specified	EL-QTM-08
4	Oxides of Nitrogen (at 15% O2 Corr.)	ppmv	528	710(max.)	EL-QTM-08
5	Carbon monoxide (at 15% O2 Corr.)	mg/Nm3	139	150(max.)	EL-QTM-08
6	Carbon dioxide as CO2	%	5.1	Not Specified	EL-QTM-08
7	Oxygen as O2	%	14.0	Not Specified	EL-QTM-08
8	Temperature	°C	220	Not Specified	IS 11255 (Part 3)

Remarks : NA

End of Report

Mr. Umesh Kumar
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EL-FMT-7.8.2-SE

Page No.1/2



TEST REPORT



TC-11818

ULR No : NA

Test Report No : NSTL210226NA078

Type of Sample # : Stack Emission

OTHER INFORMATION

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TEST REPORT

ULR No : NA		Test Report No : NSTL210226NA078	
Type of Sample # : Stack Emission			
Reference Type : Work Order No		Reference No : 4900234207 Dt.: 28/05/2025	
Customer Name #	Grasim Industries Ltd. (Birla Paints Division)		
Customer Address #	Plot Nos. B 1 and D 02 P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dhanansu, Ludhiana, Punjab	Period of Sampling	21/02/2026 - 21/02/2026
Sampling Protocol	IS 11255, CPCB: LATS/80/2013-14	Date of Sample Receipt	21/02/2026
Mode of Collection of Sample	Sample collected by Laboratory Mr. Bhajanpreet Singh	Period of Analysis	21/02/2026 - 05/03/2026
Source of Emission	DG Set No.1 (2000 KVA)	Date of reporting	05/03/2026
Stack Description	Single, Circular & Metal	Fuel Used	HSD
Point of Sample Collection	From Port Hole	APCD Details (If provided)	NA
Standard/Specifications	Emission- Diesel Engine greater than 800 KW or 1000 KVA : EPA 1986 S.No. 96		
Testing Location	On Site & Permanent Facility		

RESULTS

1. Chemical Testing

1. Atmospheric Pollution (Stack Emission)

Sr.No	Test Parameter	Unit	Result	Standard	Test Method
1	Non Methane Hydrocarbon (at 15% O2 Corr.)	mg/Nm3	48	100(max.)	EL-QTM-08

Remarks : NA

End of Report

OTHER INFORMATION

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EL-FMT-7.8.2-SE

Page No.1/1

ECO BHAWAN E-207, Industrial Area, Phase VIII-B (Sector-74), Mohali (Punjab)



TEST REPORT



ULR No : NA		Test Report No : NSTL210226NA079	
Type of Sample # : Stack Emission			
Reference Type : Work Order No		Reference No : 4900234207 Dt.: 28/05/2025	
Customer Name #	Grasim Industries Ltd. (Birla Paints Division)		
Customer Address #	Plot Nos. B 1 and D 02 P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dhanansu, Ludhiana, Punjab	Period of Sampling	21/02/2026 - 21/02/2026
Sampling Protocol	IS 11255, CPCB: LATS/80/2013-14	Date of Sample Receipt	21/02/2026
Mode of Collection of Sample	Sample collected by Laboratory Mr. Bhajanpreet Singh	Period of Analysis	21/02/2026 - 05/03/2026
Source of Emission	DG Set No.2 (2000 KVA)	Date of reporting	05/03/2026
Stack Description	Single, Circular & Metal	Fuel Used	HSD
Point of Sample Collection	From Port Hole	APCD Details (If provided)	NA
Standard/Specifications	Emission- Diesel Engine greater than 800 KW or 1000 KVA : EPA 1986 S.No. 96		
Testing Location	On Site & Permanent Facility		

RESULTS

1. Chemical Testing

I. Atmospheric Pollution (Stack Emission)

Sr.No	Test Parameter	Unit	Result	Standard	Test Method
1	Flue Gas Velocity	m/s	17.8	Not Specified	IS 11255 (Part-3)
2	Particulate Matter (at 15% O2 Corr.)	mg/Nm3	67	75(max.)	IS 11255 (Part-1)
3	Sulphur dioxide as SO2	mg/Nm3	34	Not Specified	EL-QTM-08
4	Oxides of Nitrogen (at 15% O2 Corr.)	ppmv	539	710(max.)	EL-QTM-08
5	Carbon monoxide (at 15% O2 Corr.)	mg/Nm3	52	150(max.)	EL-QTM-08
6	Carbon dioxide as CO2	%	4.9	Not Specified	EL-QTM-08
7	Oxygen as O2	%	14.1	Not Specified	EL-QTM-08
8	Temperature	°C	213	Not Specified	IS 11255 (Part 3)

Remarks : NA

End of Report

Mr. Umesh-Kumar
Authorized Signatory- Chemical

EL-FMT-7.8.2-SE

Page No.1/2

TEST REPORT



ULR No : NA

Test Report No : NSTL210226NA079

Type of Sample # : Stack Emission

OTHER INFORMATION

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Mr. Umesh Kumar

Authorized Signatory- Chemical

EL-FMT-7.8.2-SE

Page No.2/2





TEST REPORT

ULR No : NA		Test Report No : NSTL210226NA079	
Type of Sample # : Stack Emission			
Reference Type : Work Order No		Reference No : 4900234207 Dt.: 28/05/2025	
Customer Name #	Grasim Industries Ltd. (Birta Paints Division)		
Customer Address #	Plot Nos. B 1 and D 02 P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dhanansu, Ludhiana, Punjab	Period of Sampling	21/02/2026 - 21/02/2026
Sampling Protocol	IS 11255, CPCB: LATS/80/2013-14	Date of Sample Receipt	21/02/2026
Mode of Collection of Sample	Sample collected by Laboratory Mr. Bhajanpreet Singh	Period of Analysis	21/02/2026 - 05/03/2026
Source of Emission	DG Set No.2 (2000 KVA)	Date of reporting	05/03/2026
Stack Description	Single, Circular & Metal	Fuel Used	HSD
Point of Sample Collection	From Port Hole	APCD Details (If provided)	NA
Standard/Specifications	Emission- Diesel Engine greater than 800 KW or 1000 KVA : EPA 1986 S.No. 96		
Testing Location	On Site & Permanent Facility		

RESULTS

1. Chemical Testing

I. Atmospheric Pollution (Stack Emission)

Sr.No	Test Parameter	Unit	Result	Standard	Test Method
1	Non Methane Hydrocarbon (at 15% O2 Corr.)	mg/Nm3	44	100(max.)	EL-QTM-08

Remarks : NA

End of Report

OTHER INFORMATION

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Mr. Umesh Kumar
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EL-FMT-7.8.2-SE

Page No.1/1



ECO BHAWAN E-207, Industrial Area, Phase VIII-B (Sector-74), Mohali (Punjab) 160071

Central Pollution Control Board							
Industry Name: Grasim Industries Limited, Ludhiana							
Station Name: OD51PB03042_Emission_STACK_1_2TPH_Boiler							
Date: 28 April							
Date	Stack temperature (°c)	Pm (mg/nm ³)	So2 (mg/m ³)	No (mg/m ³)	O2 (%)	Pressure (pa)	Emission flow (m ³ /s)
28-04-2026	39.1	0.4	0	0	19.2	-0.8	0
29-04-2026	36.8	0.8	0	0	19.2	-1.2	0
30-04-2026	26.6	0.7	0	0	19.1	1.9	0
01-05-2026	31.9	0.6	0	0	19.1	0.5	0
02-05-2026	117.4	0.7	0	0	2.2	-1.1	2.4
03-05-2026	13.1	0.5	0	0	18.9	2.7	0.9
04-05-2026	43.5	0.3	0	0	18.9	0.5	0
05-05-2026	20.3	0.3	0	0	18.9	-2	0.3
06-05-2026	38.5	0.5	0	0	19	-5.8	0
07-05-2026	39.3	0.5	0	0	19.1	1.4	0
08-05-2026	34.2	0.6	0	0	18.9	2.6	0.1
09-05-2026	26.2	0	0	0	18.7	-2.6	0.1
10-05-2026	28.1	1.1	0	0	19	2.1	0.2
11-05-2026	25.8	0.5	0	0	19	-0.8	0.1
12-05-2026	26.4	0.4	0	0	18.9	-3	0.1
13-05-2026	44.1	0.8	0	0	18.8	0.9	0
14-05-2026	31.5	0.5	0	0	19.1	-3.8	0
15-05-2026	33	1.1	0	0	19.1	2.2	0
16-05-2026	37.9	0.9	0	0	19.1	-1.4	0
17-05-2026	40.6	0.6	0	0	19.2	-0.8	0
18-05-2026	28.6	0.7	0	0	19	2	0.4
19-05-2026	30.8	0.6	0	0	18.9	1.4	0.2
20-05-2026	38.1	0.3	0	0	19.1	-1	0
21-05-2026	45.4	0.2	0	0	19	1.6	0
22-05-2026	30.6	0.2	0	0	19.1	0.3	0
23-05-2026	32.7	0.5	0	0	19.2	-0.9	0
24-05-2026	40	0.8	0	0	19.3	-1.7	0
25-05-2026	29	0.9	0	0	19.1	-1.3	0.3
26-05-2026	34.6	0.8	0	0	19.2	-4.4	0
27-05-2026	42.2	0.5	0	0	19.1	1.9	0
28-05-2026	35	0.4	0	0	19	-1.2	0



Central Pollution Control Board							
Industry Name: Grasim Industries Limited, Ludhiana							
Station Name: OD51PB03042_Emission_STACK_2_2TPH_Boiler							
Date: 28 April							
Date	Stack temperature (°c)	Pm (mg/nm ³)	So2 (mg/m ³)	No (mg/m ³)	O2 (%)	Pressure (pa)	Emission flow (m ³ /s)
28-04-2026	32.8	1.2	0	0	20.1	0.3	0.3
29-04-2026	45	0	0	0	20.2	-6.4	1.1
30-04-2026	27.1	1	0	0	20.1	0.8	0.3
01-05-2026	25.8	0	0	0	20.1	0.1	0.5
02-05-2026	29.7	0	0	0	20.1	-2.8	0.7
03-05-2026	29.3	0.4	0	0	20	3.6	0
04-05-2026	32	0.1	0	0	20.2	1.3	0.2
05-05-2026	26.7	0	0	0	20.2	-0.6	0.6
06-05-2026	33.9	0	0	0	20.2	-10.7	0.9
07-05-2026	25.8	3.6	0	0	20.1	-0.9	0.3
08-05-2026	25.4	0	0	0	20.1	-2.6	0.5
09-05-2026	27.9	5.9	0	0	20	0.4	0.2
10-05-2026	29.3	0.1	0	0	20	0.3	0.9
11-05-2026	28.2	3	0	0	20.1	1.2	0.2
12-05-2026	28.4	0	0	0	20	-2.3	0.7
13-05-2026	27.4	0	0	0	19.9	-1.4	0.7
14-05-2026	39.6	2.9	0	0	20.1	-1.2	0
15-05-2026	28.7	0	0	0	20.1	-0.1	0.2
16-05-2026	28.3	0	0	0	20	0.2	0.3
17-05-2026	37.1	0.5	0	0	20.1	-1.9	1.4
18-05-2026	31.1	0	0	0	20	2	0
19-05-2026	41	4.6	0	0	20	-0.8	0
20-05-2026	33.8	0	0	0	20	0	0
21-05-2026	52.8	1.8	0	0	19.9	-3.8	0
22-05-2026	34.5	0	0	0	20.1	0.8	0.2
23-05-2026	39.5	0	0	0	20.2	-3.4	1.6
24-05-2026	30.9	4.7	0	0	20.1	-1.6	0.2
25-05-2026	39.9	5.3	0	0	20.1	0.6	0
26-05-2026	31.3	0	0	0	20.2	-5.9	0.3
27-05-2026	30.7	0	0	0	20.2	3	0.6
28-05-2026	37.5	1.9	0	0	20	-13.5	0.4



Central Pollution Control Board							
Industry Name: Grasim Industries Limited, Ludhiana							
Station Name: OD51PB03042_Emission_STACK_3_0.5TPH_Boiler							
Date: 28 April							
Date	Stack temperature (°c)	Pm (mg/m ³)	So2 (mg/m ³)	No (mg/m ³)	O2 (%)	Pressure (pa)	Emission flow (m ³ /s)
28-04-2026	30.7	1.8	1	0	19.3	-2.1	0.6
29-04-2026	32.9	5.4	0	0	19.5	-0.6	0.6
30-04-2026	23.7	5.8	2	0	19.4	-1.7	0.7
01-05-2026	44.4	1.3	10	31	19.5	-6.2	0.7
02-05-2026	44.7	2.2	11	34	19.5	-3.4	0.6
03-05-2026	31.3	6	1	6	19.3	-0.8	0.2
04-05-2026	40.2	14.1	6	21	19.6	-6.1	0.4
05-05-2026	41.8	2.3	9	24	19.6	-1.9	0.1
06-05-2026	41.6	6.2	6	23	19.6	-3.3	0
07-05-2026	37.5	3	6	25	19.5	-3	0.4
08-05-2026	42.1	1.4	0	0	19.5	-6.1	0.5
09-05-2026	42.4	5.4	0	5	19.5	-8	0.2
10-05-2026	41.5	2.5	0	0	19.4	-4.6	0.2
11-05-2026	43.4	11.9	0	4	19.4	-1.2	0.4
12-05-2026	43.6	3	19	40	19.4	-4.9	0.8
13-05-2026	46.4	1.1	9	41	19.4	-3.9	0.4
14-05-2026	42.7	7.8	4	13	19.5	-0.7	0.1
15-05-2026	37.1	3	0	0	19.5	-6.5	0.5
16-05-2026	41.8	3.8	0	0	19.5	-5.9	1.5
17-05-2026	43.3	10.2	0	0	19.5	-2.7	1.7
18-05-2026	122.2	7.4	0	14	14	1.2	1.2
19-05-2026	146.6	5.5	0	14	13.8	2.7	1.4
20-05-2026	121	11.2	0	0	13.2	-1.4	2.9
21-05-2026	139.5	6.6	0	0	14.2	2.9	2
22-05-2026	41.4	15.3	1	64	19.5	-4.3	0
23-05-2026	42.8	12.3	0	64	19.5	-2	0
24-05-2026	41.8	4	0	0	19.6	-1.1	1.6
25-05-2026	43.7	17.4	0	0	19.6	-3.8	1.6
26-05-2026	42.2	5.6	0	0	19.6	-4.8	1.7
27-05-2026	44.4	2.5	3	0	19.7	-0.3	1.5
28-05-2026	41.8	6.6	4	0	19.4	-12.1	1.3



Central Pollution Control Board				
Industry Name: Grasim Industries Limited, Ludhiana				
Station Name: OD51PB03042_Emission_STACK_4_DUST COLLECT				
Date: 28 April				
Date	Stack temperature (°c)	Pm (mg/nm ³)	Pressure (pa)	Emission flow (m ³ /s)
28-04-2026	31.9	1.8	3.4	0.4
29-04-2026	35.9	1.1	2.8	0.4
30-04-2026	36.1	1.6	-9.3	0.5
01-05-2026	37.2	0.8	0.1	0.1
02-05-2026	40.1	0.6	-6.8	0.8
03-05-2026	34.7	1.1	-13.9	0.4
04-05-2026	27.2	2.2	-7.4	0.6
05-05-2026	31.7	2	17.4	0
06-05-2026	40.1	0.7	-8.4	1.3
07-05-2026	34.5	1.6	52.2	0.7
08-05-2026	33.8	1.1	12.1	0
09-05-2026	35.9	1	-9.6	0.1
10-05-2026	33.8	0.9	-3.6	0.2
11-05-2026	32.4	1.5	-6.1	0.2
12-05-2026	36.2	1.2	-20.3	0.4
13-05-2026	38	1	23.2	1.1
14-05-2026	35.3	1.5	-4.7	0.4
15-05-2026	33.5	1.4	0.5	0.5
16-05-2026	44.6	0.3	-2.6	1.6
17-05-2026	40.3	0.4	-3.5	0
18-05-2026	44.1	0.4	-0.8	0
19-05-2026	33	1.2	-0.7	0.6
20-05-2026	37.2	0.4	2.8	0
21-05-2026	44.2	0.1	26.8	0.1
22-05-2026	35.8	1.2	-3.6	0.5
23-05-2026	41.7	0	32.2	0
24-05-2026	33.1	1.4	-4.8	0.5
25-05-2026	33.2	1.3	0.6	0.2
26-05-2026	42.6	0.3	0.1	0
27-05-2026	47.1	0.3	-2.9	1.6
28-05-2026	35	1.6	2.8	1.2





PUNJAB WATER REGULATION AND DEVELOPMENT AUTHORITY
sco 149-152, Sector 17 c, Chandigarh – 160017

PERMISSION FOR EXTRACTION OF GROUNDWATER

(Under The Punjab Groundwater Extraction And Conservation Directions, 2023)


Unit ID:	Permission Number:	Date of Grant of Permission	Valid up to
0850101071	PWRDA/1/06/2023/L3/44	01.06.2023	31.05.2026

1	Name of Unit:	M/s Grasim Industries Ltd.	
2	Activity of Unit:	Industrial	
3	Address/Location of Unit:	Plot Number B1, D-02(P), Village Dhanansu, District Ludhiana	
		District Ludhiana	PIN:141112
4	Assessment Area (Block):	Ludhiana II	Status: Orange
5	District	Ludhiana	
6	Head Office Address:	M/s Grasim Industries Pvt. Ltd, Aditya Birla Centre, A Wing, 2 nd Floor, S.K Ahire Marg, Worli, Mumbai	
			PIN:400030
	Email	manoj.dadhwal@adityabirla.com	
	Phone/Mobile No.	9833681001	8979214555
7	Project Status:	Existing	
8	No. of Existing Tube-Wells	No. of Proposed Tube-Wells	Total Number of Tube-Wells Permitted
		04	0
9	Volume of Ground Water Permitted to be Extracted(m ³ /month)	Fresh	Brackish/Saline
		34740	-

Note: This permission is granted in terms of the Punjab Groundwater Extraction and Conservation Directions, 2023 notified on 27th January, 2023 under section 15 of the Punjab Water Resources (Management and Regulation) Act, 2020 and is subject to the conditions given overleaf.

Dated: 01.06.2023
Place: Chandigarh




01/06/2023
ਸੀਨੀਅਰ ਮੈਨੇਜਰ (ਪ੍ਰਸਿਧਿਕਾ ਤੇ ਤਰੀਕਿਆਂ)
J.K. Jain PWRDA, Chandigarh

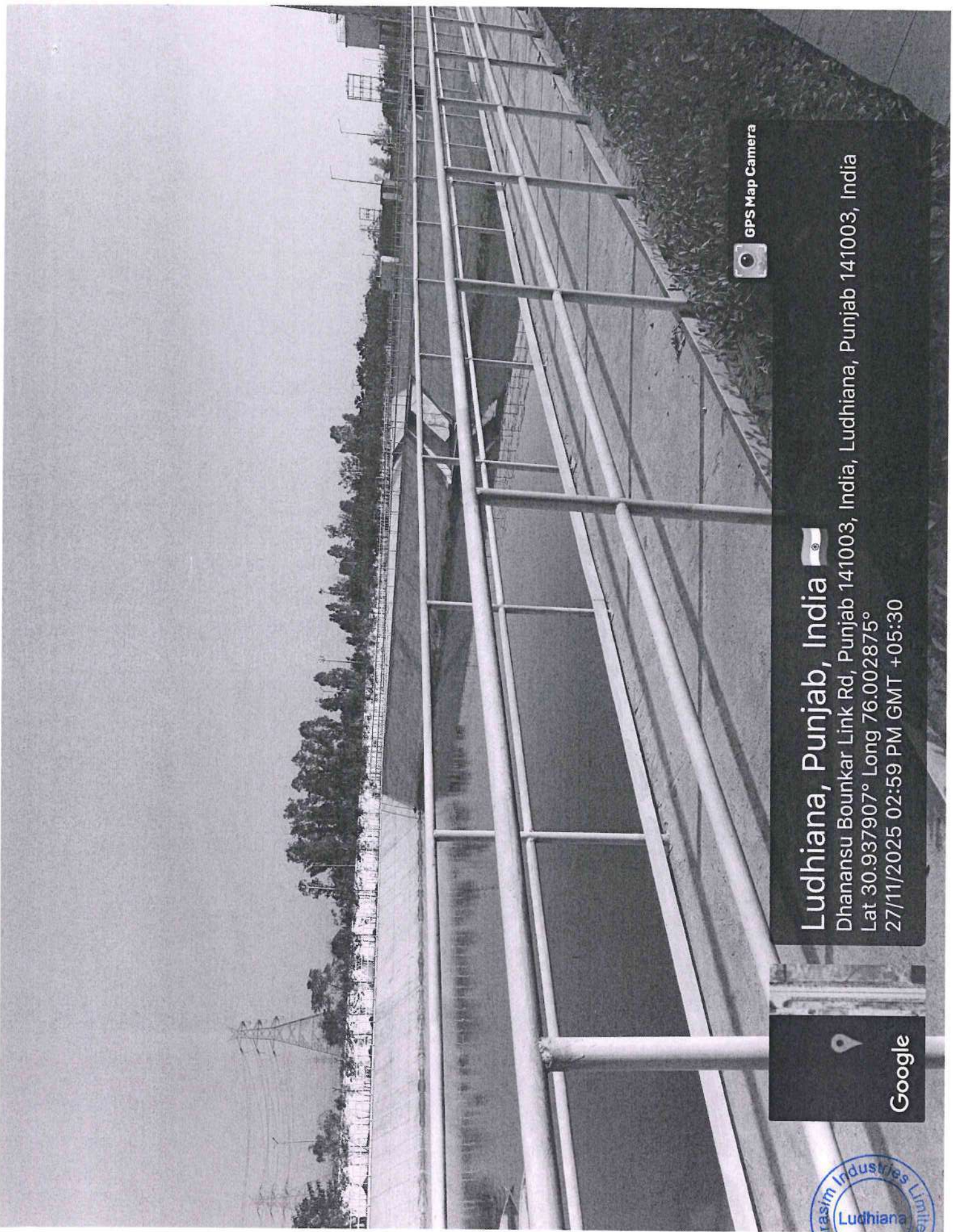
Simran Kaur
01/06/2023



Terms and Conditions

- 1) User shall comply with the provisions of the Punjab Water Resources (Management and Regulation) Act, 2020, The Punjab Groundwater Extraction and Conservation Directions, 2023 and other Regulations, Directions and instructions issued by the Authority from time to time.
- 2) The User shall install a water meter of required Specifications at each extraction structure and inform PWRDA along with Model approval Certificate from FCRI /NPL, Calibration Certificate, etc. within three months of issue of this Permission. The water meter shall conform to the technical specifications, performance parameters and connectivity standards, etc. as required by the Authority.
- 3) The User (if required to install piezometer as per Directions) shall install the piezometer of the required specifications within three months of issue of this permission. (refer para 5.2 of the Directions).
- 4) Payment Cycle and Schedule shall be as per para 4.8 of the Directions.
- 5) In case of proposed water extraction structure which is yet to be commissioned, the user will intimate the Authority regarding all the details of the structure within 15 days of energizing of structure.
- 6) This Permission does not absolve the Unit of its obligations to obtain other required statutory and administrative clearances from appropriate Authorities.
- 7) The issue of this Permission does not imply that other statutory or administrative clearances shall necessarily be granted to the unit by the concerned Authorities.
- 8) This Permission is being issued without any prejudice to the orders of any court of law in cases related to groundwater or any other related matters.
- 9) The Authority may inspect the Unit and original documents at any time. In case it is found that any material facts have been concealed or misreported or any material difference is found in the information submitted and the site conditions or documents, the Authority may suspend the permission granted immediately and may cancel or alter the permission after giving a notice to the Unit. This will be without prejudice to any other action that may be taken under the law for supply of wrong information.
- 10) The User is advised to keep on checking the website of the Authority for updates on Directions and instructions on matters related to extraction of groundwater.
- 11) The User shall obtain revised/varied/fresh permission as the case may be, in case there is any change in ground water extraction structure, volume etc, before the aforesaid change is affected or within the time permitted under the Directions.
- 12) A user shall apply for renewal of permission in the required format three months prior to the expiry of permission.





GPS Map Camera



Ludhiana, Punjab, India

Dhanansu Bounkar Link Rd, Punjab 141003, India, Ludhiana, Punjab 141003, India

Lat 30.937907° Long 76.002875°

27/11/2025 02:59 PM GMT +05:30



Google





TEST REPORT



ULR No : NA		Test Report No : NSWL120326NA060	
Type of Sample # : Sewage		Date of reporting : 21/03/2026	
Reference Type : PO Number		Reference No : 4900234207 Dt: 28/05/2025	
Customer Name #	Grasim Industries Ltd. (Birla Paints Division)		
Address #	Plot Nos. B 1 and D 02 P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dhanansu, Ludhiana, Punjab	Period of Sampling	11/03/2026 - 11/03/2026
Sampling Protocol	IS17614 (Part-1)EL-MSP-7.3	Date of Receipt of Sample	12/03/2026
Sample Collection Mode	Sample collected by Laboratory Mr. Bhajanpreet Singh	Period of Analysis	12/03/2026 - 21/03/2026
Testing Location	On Site & Permanent Facility	Date of reporting	21/03/2026
Sampling Location	STP Outlet		
Sample Description	Colourless liquid		
Standard/Specifications	Sewage- STP other than Metro Cities G.S.R. 1265 (E)		
Packing, Markings, Seal & Qty.	PE Bottle-1 litre (G/11/12A), Glass Bottle-1litre (G/11/12B), Glass Bottle-1litre (G/11/12C)& Glass Bottle-500ml (G/11/12D)		

RESULTS

1. Chemical Testing

I. Pollution & Environment (Sewage)

Sr.No	Test Parameter	Unit	Result	Standard	Test Method
1	pH @ 25°C	-	7.81	6.5-9.0	IS 3025 (Part 11)
2	Total Dissolved Solids	mg/l	1279	Not Specified	IS 3025 (Part 16)
3	Total Suspended Solids	mg/l	6.7	100(Max.)	IS 3025 (Part 17)
4	Biochemical Oxygen Demand (BOD) at 27°C for 3 Days	mg/l	12	30(max.)	IS 3025 (Part 44)
5	Chemical Oxygen Demand (COD)	mg/l	30	Not Specified	IS 3025 (Part 58)
6	Oil & Grease	mg/l	BDL (4)	Not Specified	IS 3025 (Part 39)

2. Biological Testing

II. Pollution & Environment (Sewage)

Sr.No	Test Parameter	Unit	Result	Standard	Test Method
7	Thermotolerant Coliforms (Faecal coliforms)	MPN/100ml	220	1000(Max.)	APHA 24th Ed 9221E

Remarks : NA

Mr. Umesh Kumar
Authorized Signatory- Chemical

Ms. Lata Thakur
Authorized Signatory - Biological

EL-FMT-7.8.2-WW



TEST REPORT



TC-11818

ULR No : NA

Test Report No : NSWL120326NA060

Type of Sample # : Sewage

Date of reporting : 21/03/2026

End of Report

OTHER INFORMATION

Abbreviation & Symbol ; # Information provided by customer. ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

Terms & Conditions :

1. The results relate only to the items tested.
2. Giving opinions does not imply endorsement of the tested product by laboratory. Under no circumstances, laboratory accepts any liability caused by use or misuse of Test Report.
3. The Test Report shall not be reproduced except in full or part or used as advertisement or evidence in court of law without written approval of the laboratory. Samples drawn under special circumstances like legal cases, the customer must declare the same at the time of submission.
4. Complaint log book is with Quality Cell. Contact No. (M) 91 8872 04 3135, Phone 91 172 4616 225 Email: quality@ecoparyavaran.org
5. The samples tested may be preserved for a period but not exceeding 7 days from date of reporting, unless otherwise specifically desired by the customer or regulatory authorities. However, depending upon the nature of samples and effect of preservation the test results of preserved samples may vary. Laboratory also does not assume any responsibility in the test results of samples kept on hold for want of clarification.
6. All disputes are subjected to jurisdiction of Mohali (Punjab) India and maximum liability of the laboratory does not exceed the testing and sampling charges.
7. In case where sample is provided by the customer, the reported results shall apply to the sample as received.

Mr. Umesh Kumar

Authorized Signatory - Chemical

Ms. Lata Thakur

Authorized Signatory - Biological

EL-FMT-7.8.2-VW

Page No. 2/2





Eco Paryavaran Laboratories & Consultants Pvt. Ltd.

TEST REPORT



ULR No : NA		Test Report No : NGWL211125NA147	
Type of Sample # : Ground Water			
Reference Type : Work Order No		Reference No : 4900234207 Dt.: 28/05/2025	
Customer Name #	Grasim Industries Ltd. (Birla Paints Division)		
Address #	Plot Nos. B 1 and D 02 P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dhanansu, Ludhiana, Punjab	Period of Sampling	21/11/2025 - 21/11/2025
Sampling Protocol	IS 17614 (Part 1), EL-MSP-7.3	Date of Receipt of Sample	21/11/2025
Sample Collection Mode	Sample collected by Laboratory Mr. Bhajanpreet Singh	Period of Analysis	21/11/2025 - 02/12/2025
Testing Location	On Site & Permanent Facility	Date of reporting	02/12/2025
Sampling Location	From Borewell- Vill. Mangli Tanda (Sarpanch Sr. Surinder Singh's House) Latitude- 30.981012; Longitude- 75.965462		
Sample Description	Clear, colourless liquid.		
Standard/Specifications	IS 10500 : 2021		
Packing, Markings, Seal & Qty.	PE Bottles-5+1 litre, Glass Bottles-2x1 litre+500ml, PE Bottles-2x500ml & Teflon Bottle- 1 litre		

RESULTS

1. Chemical Testing

I. Water (Ground Water)

Sr.No	Test Parameter	Unit	Result	Acceptable Limit	Permissible Limit in Absence of Alternate Source	Test Method
1	Colour	CU	BDL (1)	5(Max.)	15(Max.)	IS 3025 Part-4 Cl 2.0
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 Part 5
3	pH @ 25°C	-	7.33	6.5-8.5	No relaxation	IS 3025 Part 11
4	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 Part 8
5	Turbidity	NTU	BDL (0.1)	1(Max)	5(Max)	IS 3025 Part 10
6	Total Dissolved Solids	mg/l	300	500(Max.)	2000(Max.)	IS 3025 Part 16
7	Ammonia as NH3-N	mg/l	BDL (0.1)	0.5(Max.)	No relaxation	IS 3025 Part-34 Cl 2.5- Titrimetric Method
8	Anionic Detergent as MBAS	mg/l	BDL (0.05)	0.2(Max.)	1.0(Max.)	APHA 24th Ed 5540 B and C
9	Boron as B	mg/l	BDL (0.1)	0.5(Max.)	1.0(Max.)	APHA 24th Ed:2022 4500B Curcumin Method

Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical

Ms. Lata Thakur
Authorized Signatory - Biological

EL-FMT-7.8.2-W

Page No.1/4

ECO BHAWAN E-207, Industrial Area, Phase VIII-B (Sector-74), Mohali (Punjab) 150071



TEST REPORT



IC-11818

ULR No : NA

Test Report No : NGWL211125NA147

Type of Sample # : Ground Water

Sr.No	Test Parameter	Unit	Result	Acceptable Limit	Permissible Limit in Absence of Alternate Source	Test Method
10	Calcium as Ca	mg/l	22	75(Max.)	200(Max.)	IS 3025 (Part 40)
11	Chloramines as Cl ₂	mg/l	BDL (0.1)	4.0(Max.)	No relaxation	APHA 24th Ed 4500 DPD Colorimetric B and C method
12	Chloride as Cl	mg/l	14	250(Max.)	1000(Max.)	IS 3025 (Part 32)
13	Fluoride as F	mg/l	0.30	1.0(Max.)	1.5(Max.)	IS 3025 Part -60
14	Free Residual Chlorine	mg/l	BDL (0.1)	0.2(Max.)	1.0(Max.)	IS 3025 24th Ed-4500G DPD Colorimetric
5	Magnesium as Mg	mg/l	10	30(Max.)	100(Max.)	IS 3025 (Part 46)
16	Nitrate as NO ₃	mg/l	8.3	45(Max.)	No Relaxation	IS 3025 Part-34 Cl 3.3, Chromotropic
17	Phenolic Compounds as C ₆ H ₅ OH	mg/l	BDL (0.001)	0.001(Max.)	0.002(Max.)	IS 3025 Part 43/sec 1
18	Sulphates as SO ₄	mg/l	18	200(Max.)	400(Max.)	IS 3025 (Part 24/Sec 1) Cl 4.0 Turbidity Method
19	Total Alkalinity as CaCO ₃	mg/l	184	200(Max.)	600(Max.)	IS 3025 (Part 23)
20	Total Hardness as CaCO ₃	mg/l	96	200(Max.)	600(Max.)	IS 3025 (Part 21)
21	Cyanide as CN	mg/l	BDL (0.02)	0.05(Max.)	No relaxation	IS 3025 (Part 27)

2. Residue & Contaminants In Water

II. Water (Ground Water)

Sr.No	Test Parameter	Unit	Result	Acceptable Limit	Permissible Limit in Absence of Alternate Source	Test Method
1	Aluminium as Al	mg/l	BDL (0.001)	0.03(Max.)	0.2(Max.)	USEPA 3015A
2	Barium as Ba	mg/l	BDL (0.001)	0.7(Max.)	No relaxation	USEPA 3015A
3	Iron as Fe	mg/l	0.005	1.0(Max.)	No Relaxation	USEPA 3015A
4	Manganese as Mn	mg/l	BDL (0.001)	0.1(Max.)	0.3(Max.)	USEPA 3015A
5	Selenium as Se	mg/l	BDL (0.001)	0.01(Max.)	No relaxation	USEPA 3015A
6	Silver as Ag	mg/l	BDL (0.001)	0.1(Max.)	No relaxation	USEPA 3015A
7	Copper as Cu	mg/l	BDL (0.001)	0.05(Max.)	1.5(Max.)	USEPA 3015A
8	Zinc as Zn	mg/l	0.006	5.0(Max.)	15(Max.)	USEPA 3015A
9	Lead as Pb	mg/l	BDL (0.001)	0.01(Max.)	No relaxation	USEPA 3015A

Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical

Ms. Lata Thakur
Authorized Signatory - Biological

EL-FMT-7.8.2-W

Page No.2/4




TEST REPORT



ULR No : NA Test Report No : NGWL211125NA147
 Type of Sample # : Ground Water

10	Mercury as Hg	mg/l	BDL (0.001)	0.001(Max.)	No relaxation	USEPA 3015A
11	Molybdenum as Mo	mg/l	BDL (0.001)	0.07(Max.)	No relaxation	USEPA 3015A
12	Nickel as Ni	mg/l	BDL (0.001)	0.02(Max.)	No relaxation	USEPA 3015A
13	Arsenic as As	mg/l	BDL (0.001)	0.01(Max.)	No relaxation	USEPA 3015A
14	Chromium as Cr	mg/l	BDL (0.001)	0.05	No relaxation	USEPA 3015A
15	Alachlor	µg/l	BDL (0.002)	20(Max.)	No relaxation	EL-QTM-15
16	Atrazine	µg/l	BDL (0.002)	2.0(Max.)	No relaxation	EL-QTM-15
17	Aldrin /Dieldrin	µg/l	BDL (0.002)	0.03(Max.)	No relaxation	EL-QTM-15
18	Beta HCH	µg/l	BDL (0.002)	0.04(Max.)	No relaxation	EL-QTM-15
19	Butachlor	µg/l	BDL (0.002)	125(Max.)	No relaxation	EL-QTM-15
20	Chlorpyriphos	µg/l	BDL (0.002)	30(Max.)	No relaxation	EL-QTM-15
21	Delta HCH	µg/l	BDL (0.002)	0.04(Max.)	No relaxation	EL-QTM-15
22	DDT (o, p and p, p – Isomers of DDT, DDE and DDD)	µg/l	BDL (0.002)	1(Max.)	No relaxation	EL-QTM-15
23	Endosulfan (Alpha, Beta and Sulphate)	µg/l	BDL (0.002)	0.4(Max.)	No relaxation	EL-QTM-15
24	Ethion	µg/l	BDL (0.002)	3.0(Max.)	No relaxation	EL-QTM -15
25	Gamma HCH (Lindane)	µg/l	BDL (0.002)	2.0(Max.)	No relaxation	EL-QTM -15
26	Malathion	µg/l	BDL (0.002)	190(Max.)	No relaxation	EL- QTM - 15
27	Methyl parathion	µg/l	BDL (0.002)	0.3(Max.)	No relaxation	EL- QTM - 15
28	Monocrotophos	µg/l	BDL (0.002)	1.0(Max.)	No relaxation	EL- QTM - 15
29	Phorate	µg/l	BDL (0.002)	2.0(Max.)	No relaxation	EL- QTM - 15
30	Polychlorinated biphenyls (PCB's)	mg/l	BDL (0.00005)	0.0005(Max.)	No relaxation	EL-QTM-15
31	Polynuclear aromatic hydrocarbons (PAH)	mg/l	BDL (0.00005)	0.0001(Max.)	No relaxation	EL-QTM-15
32	Alpha HCH	µg/l	BDL (0.002)	0.01(Max.)	No relaxation	EL- QTM - 15
33	Cadmium as Cd	mg/l	BDL (0.001)	0.003(Max.)	No relaxation	USEPA 3015A


 Mr. Mukesh Chand Agarwal
 Authorized Signatory- Chemical


 Ms. Lata Thakur
 Authorized Signatory - Biological



TEST REPORT



ULR No : NA	Test Report No : NGWL211125NA147
Type of Sample # : Ground Water	

3. Biological Testing

III. Water (Ground Water)

Sr.No	Test Parameter	Unit	Result	Acceptable Limit	Permissible Limit in Absence of Alternate Source	Test Method
1	Total Coliform	MPN/100ml	<2	-	-	IS 1622 (3.3.1)
2	E.coli.	MPN/100ml	<2	-	-	IS 1622 (3.3.4)

Remarks : <2 is equal to absent (Total Coliform & E.coli.)
Depth of Borewell- 280 feet

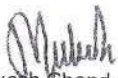
End of Report


OTHER INFORMATION

Abbreviation & Symbol : # Information provided by customer. ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

Terms & Conditions :

1. The results relate only to the items tested.
2. Giving opinions does not imply endorsement of the tested product by laboratory. Under no circumstances, laboratory accepts any liability caused by use or misuse of Test Report.
3. The Test Report shall not be reproduced except in full or part or used as advertisement or evidence in court of law without written approval of the laboratory. Samples drawn under special circumstances like legal cases, the customer must declare the same at the time of submission.
4. Complaint log book is with Quality Cell. Contact No. (M) 91 8872 04 3135, Phone 91 172 4616 225 Email: quality@ecoparyavaran.org
5. The samples tested may be preserved for a period but not exceeding 7 days from date of reporting, unless otherwise specifically desired by the customer or regulatory authorities. However, depending upon the nature of samples and effect of preservation the test results of preserved samples may vary. Laboratory also does not assume any responsibility in the test results of samples kept on hold for want of clarification.
6. All disputes are subjected to jurisdiction of Mohali (Punjab) India and maximum liability of the laboratory does not exceed the testing and sampling charges.
7. In case where sample is provided by the customer, the reported results shall apply to the sample as received.


Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical


Ms. Lata Thakur
Authorized Signatory - Biological





TEST REPORT

ULR No : NA		Test Report No : NGWL211125NA147/A	
Type of Sample # : Ground Water			
Reference Type : Work Order No		Reference No : 4900234207 Dt.: 28/05/2025	
Customer Name #	Grasim Industries Ltd. (Birla Paints Division)		
Address #	Plot Nos. B 1 and D 02 P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dhanansu, Ludhiana, Punjab	Period of Sampling	21/11/2025 - 21/11/2025
Sampling Protocol	IS 17614 (Part 1), EL-MSP-7.3	Date of Receipt of Sample	21/11/2025
Sample Collection Mode	Sample collected by Laboratory Mr. Bhajanpreet Singh	Period of Analysis	21/11/2025 - 02/12/2025
Testing Location	On Site & Permanent Facility	Date of reporting	02/12/2025
Sampling Location	From Borewell- Vill. Mangli Tanda (Sarpanch Sr. Surinder Singh's House) Latitude- 30.981012; Longitude- 75.965462		
Sample Description	Clear, colourless liquid.		
Standard/Specifications	IS 10500 : 2021		
Packing, Markings, Seal & Qty.	PE Bottles-5+1 litre, Glass Bottles-2x1 litre+500ml, PE Bottles-2x500ml & Teflon Bottle- 1 litre		

RESULTS

1. Chemical Testing

I. Water (Ground Water)

Sr.No	Test Parameter	Unit	Result	Acceptable Limit	Permissible Limit in Absence of Alternate Source	Test Method
1	Sulphide as H ₂ S	mg/l	BDL (0.01)	0.05(Max.)	No relaxation	IS 3025 Part 29 Cl 3.0 Methylene Blue method

.. Residue & Contaminants In Water

II. Water (Ground Water)

Sr.No	Test Parameter	Unit	Result	Acceptable Limit	Permissible Limit in Absence of Alternate Source	Test Method
1	Isoproturon*	µg/l	BDL (0.01)	9.0(Max.)	Not Specified	USEPA-METHOD:532

Remarks : *Subcontracted
Depth of Borewell- 280 feet

End of Report

Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical

EL-FMT-7.8.2-W

Ms. Lata Thakur
Authorized Signatory - Biological

Page No.1/2



TEST REPORT

ULR No : NA

Test Report No : NGWL211125NA147/A

Type of Sample # : Ground Water

OTHER INFORMATION

Abbreviation & Symbol : # Information provided by customer. ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable
Terms & Conditions :

1. The results relate only to the items tested.
2. Giving opinions does not imply endorsement of the tested product by laboratory. Under no circumstances, laboratory accepts any liability caused by use or misuse of Test Report.
3. The Test Report shall not be reproduced except in full or part or used as advertisement or evidence in court of law without written approval of the laboratory. Samples drawn under special circumstances like legal cases, the customer must declare the same at the time of submission.
4. Complaint log book is with Quality Cell. Contact No. (M) 91 8872 04 3135, Phone 91 172 4616 225 Email: quality@ecoparyavarana.org
5. The samples tested may be preserved for a period but not exceeding 7 days from date of reporting, unless otherwise specifically desired by the customer or regulatory authorities. However, depending upon the nature of samples and effect of preservation the test results of preserved samples may vary. Laboratory also does not assume any responsibility in the test results of samples kept on hold for want of clarification.
6. All disputes are subjected to jurisdiction of Mohali (Punjab) India and maximum liability of the laboratory does not exceed the testing and sampling charges.
7. In case where sample is provided by the customer, the reported results shall apply to the sample as received.

Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical

Ms. Lata Thakur
Authorized Signatory - Biological

EL-FMT-7.8.2-W

Page No.2/2





TEST REPORT



ULR No : NA		Test Report No : NGWL211125NA148	
Type of Sample # : Ground Water			
Reference Type : Work Order No		Reference No : 4900234207 Dt.: 28/05/2025	
Customer Name #	Grasim Industries Ltd. (Birla Paints Division)		
Address #	Plot Nos. B 1 and D 02 P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dhanansu, Ludhiana, Punjab	Period of Sampling	21/11/2025 - 21/11/2025
Sampling Protocol	IS 17614 (Part 1), EL-MSP-7.3	Date of Receipt of Sample	21/11/2025
Sample Collection Mode	Sample collected by Laboratory Mr. Bhajanpreet Singh	Period of Analysis	21/11/2025 - 02/12/2025
Testing Location	On Site & Permanent Facility	Date of reporting	02/12/2025
Sampling Location	From Borewell- Vill.- Kadiana Kalan (Govt. High School) Latitude- 30.961669; Longitude- 75.990384		
Sample Description	Clear, colourless liquid.		
Standard/Specifications	IS 10500 : 2021		
Packing, Markings, Seal & Qty.	PE Bottles-5+1 litre, Glass Bottles-2x1 litre+500ml, PE Bottles-2x500ml & Teflon Bottle- 1 litre		

RESULTS

1. Chemical Testing

I. Water (Ground Water)

Sr.No	Test Parameter	Unit	Result	Acceptable Limit	Permissible Limit in Absence of Alternate Source	Test Method
1	Colour	CU	BDL (1)	5(Max.)	15(Max.)	IS 3025 Part-4 Cl 2.0
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 Part 5
3	pH @ 25°C	-	7.25	6.5-8.5	No relaxation	IS 3025 Part 11
4	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 Part 8
5	Turbidity	NTU	BDL (0.1)	1(Max)	5(Max)	IS 3025 Part 10
6	Total Dissolved Solids	mg/l	245	500(Max.)	2000(Max.)	IS 3025 Part 16
7	Ammonia as NH3-N	mg/l	BDL (0.1)	0.5(Max.)	No relaxation	IS 3025 Part-34 Cl 2.5- Titrimetric Method
8	Anionic Detergent as MBAS	mg/l	BDL (0.05)	0.2(Max.)	1.0(Max.)	APHA 24th Ed 5540 B and C
9	Boron as B	mg/l	BDL (0.1)	0.5(Max.)	1.0(Max.)	APHA 24th Ed:2022 4500B Curcumin Method
10	Calcium as Ca	mg/l	26	75(Max.)	200(Max.)	IS 3025 (Part 40)

Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical

EL-FMT-7.8.2-W

Ms. Lata Thakur
Authorized Signatory - Biological



TEST REPORT



TC-11818

ULR No : NA		Test Report No : NGWL211125NA148				
Type of Sample # : Ground Water						
11	Chloramines as Cl ₂	mg/l	BDL (0.1)	4.0(Max.)	No relaxation	APHA 24th Ed 4500 DPD Colorimetric B and C method
12	Chloride as Cl	mg/l	9.5	250(Max.)	1000(Max.)	IS 3025 (Part 32)
13	Fluoride as F	mg/l	0.20	1.0(Max.)	1.5(Max.)	IS 3025 Part -60
14	Free Residual Chlorine	mg/l	BDL (0.1)	0.2(Max.)	1.0(Max.)	IS 3025 24th Ed-4500G DPD Colorimetric
15	Magnesium as Mg	mg/l	11	30(Max.)	100(Max.)	IS 3025 (Part 46)
6	Nitrate as NO ₃	mg/l	7.9	45(Max.)	No Relaxation	IS 3025 Part-34 Cl 3.3, Chromotropic
17	Phenolic Compounds as C ₆ H ₅ OH	mg/l	BDL (0.001)	0.001(Max.)	0.002(Max.)	IS 3025 Part 43/sec 1
18	Sulphates as SO ₄	mg/l	18	200(Max.)	400(Max.)	IS 3025 (Part 24/Sec 1) Cl 4.0 Turbidity Method
19	Total Alkalinity as CaCO ₃	mg/l	192	200(Max.)	600(Max.)	IS 3025 (Part 23)
20	Total Hardness as CaCO ₃	mg/l	108	200(Max.)	600(Max.)	IS 3025 (Part 21)
21	Cyanide as CN	mg/l	BDL (0.02)	0.05(Max.)	No relaxation	IS 3025 (Part 27)

2. Residue & Contaminants In Water

II. Water (Ground Water)

Sr.No	Test Parameter	Unit	Result	Acceptable Limit	Permissible Limit in Absence of Alternate Source	Test Method
1	Aluminium as Al	mg/l	BDL (0.001)	0.03(Max.)	0.2(Max.)	USEPA 3015A
2	Barium as Ba	mg/l	BDL (0.001)	0.7(Max.)	No relaxation	USEPA 3015A
3	Iron as Fe	mg/l	0.009	1.0(Max.)	No Relaxation	USEPA 3015A
4	Manganese as Mn	mg/l	BDL (0.001)	0.1(Max.)	0.3(Max.)	USEPA 3015A
5	Selenium as Se	mg/l	BDL (0.001)	0.01(Max.)	No relaxation	USEPA 3015A
6	Silver as Ag	mg/l	BDL (0.001)	0.1(Max.)	No relaxation	USEPA 3015A
7	Copper as Cu	mg/l	BDL (0.001)	0.05(Max.)	1.5(Max.)	USEPA 3015A
8	Zinc as Zn	mg/l	BDL (0.001)	5.0(Max.)	15(Max.)	USEPA 3015A
9	Lead as Pb	mg/l	BDL (0.001)	0.01(Max.)	No relaxation	USEPA 3015A
10	Mercury as Hg	mg/l	BDL (0.001)	0.001(Max.)	No relaxation	USEPA 3015A

Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical

Ms. Lata Thakur
Authorized Signatory - Biological



TEST REPORT



ULR No : NA		Test Report No : NGWL211125NA148				
Type of Sample # : Ground Water						
11	Molybdenum as Mo	mg/l	BDL (0.001)	0.07(Max.)	No relaxation	USEPA 3015A
12	Nickel as Ni	mg/l	BDL (0.001)	0.02(Max.)	No relaxation	USEPA 3015A
13	Arsenic as As	mg/l	BDL (0.001)	0.01(Max.)	No relaxation	USEPA 3015A
14	Chromium as Cr	mg/l	BDL (0.001)	0.05	No relaxation	USEPA 3015A
15	Alachlor	µg/l	BDL (0.002)	20(Max.)	No relaxation	EL-QTM-15
16	Atrazine	µg/l	BDL (0.002)	2.0(Max.)	No relaxation	EL-QTM-15
17	Aldrin /Dieldrin	µg/l	BDL (0.002)	0.03(Max.)	No relaxation	EL-QTM-15
18	Beta HCH	µg/l	BDL (0.002)	0.04(Max.)	No relaxation	EL-QTM-15
19	Butachlor	µg/l	BDL (0.002)	125(Max.)	No relaxation	EL-QTM-15
20	Chlorpyrifos	µg/l	BDL (0.002)	30(Max.)	No relaxation	EL-QTM-15
21	Delta HCH	µg/l	BDL (0.002)	0.04(Max.)	No relaxation	EL-QTM-15
22	DDT (o, p and p, p – Isomers of DDT, DDE and DDD)	µg/l	BDL (0.002)	1(Max.)	No relaxation	EL-QTM-15
23	Endosulfan (Alpha, Beta and Sulphate)	µg/l	BDL (0.002)	0.4(Max.)	No relaxation	EL-QTM-15
24	Ethion	µg/l	BDL (0.002)	3.0(Max.)	No relaxation	EL-QTM -15
25	Gamma HCH (Lindane)	µg/l	BDL (0.002)	2.0(Max.)	No relaxation	EL-QTM -15
26	Malathion	µg/l	BDL (0.002)	190(Max.)	No relaxation	EL- QTM - 15
27	Methyl parathion	µg/l	BDL (0.002)	0.3(Max.)	No relaxation	EL- QTM - 15
28	Monocrotophos	µg/l	BDL (0.002)	1.0(Max.)	No relaxation	EL- QTM - 15
29	Phorate	µg/l	BDL (0.002)	2.0(Max.)	No relaxation	EL- QTM - 15
30	Polychlorinated biphenyls (PCB's)	mg/l	BDL (0.00005)	0.0005(Max.)	No relaxation	EL-QTM-15
31	Polynuclear aromatic hydrocarbons (PAH)	mg/l	BDL (0.00005)	0.0001(Max.)	No relaxation	EL-QTM-15
32	Alpha HCH	µg/l	BDL (0.002)	0.01(Max.)	No relaxation	EL- QTM - 15
33	Cadmium as Cd	mg/l	BDL (0.001)	0.003(Max.)	No relaxation	USEPA 3015A


 Mr. Mukesh Chand Agarwal
 Authorized Signatory- Chemical


 Ms. Lata Thakur
 Authorized Signatory - Biological



TEST REPORT



ULR No : NA	Test Report No : NGWL211125NA148
Type of Sample # : Ground Water	

3. Biological Testing

III. Water (Ground Water)

Sr.No	Test Parameter	Unit	Result	Acceptable Limit	Permissible Limit in Absence of Alternate Source	Test Method
1	Total Coliform	MPN/100ml	<2	-	-	IS 1622 (3.3.1)
2	E.coli.	MPN/100ml	<2	-	-	IS 1622 (3.3.4)

Remarks : <2 is equal to absent (Total Coliform & E.coli.)
Depth of Borewell- 250 feet

End of Report

OTHER INFORMATION

Abbreviation & Symbol : # Information provided by customer. ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable
Terms & Conditions :

1. The results relate only to the items tested.
2. Giving opinions does not imply endorsement of the tested product by laboratory. Under no circumstances, laboratory accepts any liability caused by use or misuse of Test Report.
3. The Test Report shall not be reproduced except in full or part or used as advertisement or evidence in court of law without written approval of the laboratory. Samples drawn under special circumstances like legal cases, the customer must declare the same at the time of submission.
4. Complaint log book is with Quality Cell. Contact No. (M) 91 8872 04 3135, Phone 91 172 4616 225 Email: quality@ecoparyavaran.org
5. The samples tested may be preserved for a period but not exceeding 7 days from date of reporting, unless otherwise specifically desired by the customer or regulatory authorities. However, depending upon the nature of samples and effect of preservation the test results of preserved samples may vary. Laboratory also does not assume any responsibility in the test results of samples kept on hold for want of clarification.
6. All disputes are subjected to jurisdiction of Mohali (Punjab) India and maximum liability of the laboratory does not exceed the testing and sampling charges.
7. In case where sample is provided by the customer, the reported results shall apply to the sample as received.

Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical

Ms. Lata Thakur
Authorized Signatory - Biological





TEST REPORT

ULR No : NA		Test Report No : NGWL211125NA148/A	
Type of Sample # : Ground Water			
Reference Type : Work Order No		Reference No : 4900234207 Dt.: 28/05/2025	
Customer Name #	Grasim Industries Ltd. (Birla Paints Division)		
Address #	Plot Nos. B 1 and D 02 P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dhanansu, Ludhiana, Punjab	Period of Sampling	21/11/2025 - 21/11/2025
Sampling Protocol	IS 17614 (Part 1), EL-MSP-7.3	Date of Receipt of Sample	21/11/2025
Sample Collection Mode	Sample collected by Laboratory Mr. Bhajanpreet Singh	Period of Analysis	21/11/2025 - 02/12/2025
Testing Location	On Site & Permanent Facility	Date of reporting	02/12/2025
Sampling Location	From Borewell- Vill.- Kadiana Kalan (Govt. High School) Latitude- 30.961669; Longitude- 75.990384		
Sample Description	Clear, colourless liquid.		
Standard/Specifications	IS 10500 : 2021		
Packing, Markings, Seal & Qty.	PE Bottles-5+1 litre, Glass Bottles-2x1 litre+500ml, PE Bottles-2x500ml & Teflon Bottle- 1 litre		

RESULTS

1. Chemical Testing

I. Water (Ground Water)

Sr.No	Test Parameter	Unit	Result	Acceptable Limit	Permissible Limit in Absence of Alternate Source	Test Method
1	Sulphide as H ₂ S	mg/l	BDL (0.01)	0.05(Max.)	No relaxation	IS 3025 Part 29 Cl 3.0 Methylene Blue method

2. Residue & Contaminants In Water

II. Water (Ground Water)

Sr.No	Test Parameter	Unit	Result	Acceptable Limit	Permissible Limit in Absence of Alternate Source	Test Method
1	Isoproturon*	µg/l	BDL (0.01)	9.0(Max.)	Not Specified	USEPA-METHOD:532

Remarks : *Subcontracted
Depth of Borewell- 250 feet

End of Report


Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical


Ms. Lata Thakur
Authorized Signatory - Biological

EL-FMT-7.8.2-W

Page No.1/2

ECO BHAWAN E-207, Industrial Area, Phase VIII-B (Sector-74), Mohali (Punjab) 160071



TEST REPORT

ULR No : NA

Test Report No : NGWL211125NA148/A

Type of Sample # : Ground Water

OTHER INFORMATION

Abbreviation & Symbol : # Information provided by customer. ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

Terms & Conditions :

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4. Complaint log book is with Quality Cell. Contact No. (M) 91 8872 04 3135, Phone 91 172 4616 225 Email: quality@ecoparyavaran.org
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7. In case where sample is provided by the customer, the reported results shall apply to the sample as received.

Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical

Ms. Lata Thakur
Authorized Signatory - Biological



TEST REPORT



ULR No : NA		Test Report No : NGWL211125NA149	
Type of Sample # : Ground Water			
Reference Type : Work Order No		Reference No : 4900234207 Dt.: 28/05/2025	
Customer Name #	Grasim Industries Ltd. (Birla Paints Division)		
Address #	Plot Nos. B 1 and D 02 P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dhanansu, Ludhiana, Punjab	Period of Sampling	21/11/2025 - 21/11/2025
Sampling Protocol	IS 17614 (Part 1), EL-MSP-7.3	Date of Receipt of Sample	21/11/2025
Sample Collection Mode	Sample collected by Laboratory Mr. Bhajanpreet Singh	Period of Analysis	21/11/2025 - 02/12/2025
Testing Location	On Site & Permanent Facility	Date of reporting	02/12/2025
Sampling Location	From Borewell- Vill. - Meowal (Govt. Primary School) Latitude- 30.966166; Longitude- 75.992753		
Sample Description	Clear, colourless liquid.		
Standard/Specifications	IS 10500 : 2021		
Packing, Markings, Seal & Qty.	PE Bottles-5+1 litre, Glass Bottles-2x1 litre+500ml, PE Bottles-2x500ml & Teflon Bottle- 1 litre		

RESULTS

1. Chemical Testing

I. Water (Ground Water)

Sr.No	Test Parameter	Unit	Result	Acceptable Limit	Permissible Limit in Absence of Alternate Source	Test Method
1	Colour	CU	BDL (1)	5(Max.)	15(Max.)	IS 3025 Part-4 Cl 2.0
2	Odour	-	Aggreable	Agreeable	Agreeable	IS 3025 Part 5
3	pH @ 25°C	-	7.18	6.5-8.5	No relaxation	IS 3025 Part 11
4	Taste	-	Aggreable	Agreeable	Agreeable	IS 3025 Part 8
5	Turbidity	NTU	BDL (0.1)	1(Max)	5(Max)	IS 3025 Part 10
6	Total Dissolved Solids	mg/l	250	500(Max.)	2000(Max.)	IS 3025 Part 16
7	Ammonia as NH ₃ -N	mg/l	BDL (0.1)	0.5(Max.)	No relaxation	IS 3025 Part-34 Cl 2.5- Titrimetric Method
8	Anionic Detergent as MBAS	mg/l	BDL (0.05)	0.2(Max.)	1.0(Max.)	APHA 24th Ed 5540 B and C
9	Boron as B	mg/l	BDL (0.1)	0.5(Max.)	1.0(Max.)	APHA 24th Ed:2022 4500B Curcumin Method
10	Calcium as Ca	mg/l	32	75(Max.)	200(Max.)	IS 3025 (Part 40)


Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical


Ms. Lata Thakur
Authorized Signatory - Biological

EL-FMT-7.8.2-W

Page No.1/4



TEST REPORT



ULR No : NA **Test Report No : NGWL211125NA149**
Type of Sample # : Ground Water

Sr.No	Test Parameter	Unit	Result	Acceptable Limit	Permissible Limit in Absence of Alternate Source	Test Method
11	Chloramines as Cl ₂	mg/l	BDL (0.1)	4.0(Max.)	No relaxation	APHA 24th Ed 4500 DPD Colorimetric B and C method
12	Chloride as Cl	mg/l	9.5	250(Max.)	1000(Max.)	IS 3025 (Part 32)
13	Fluoride as F	mg/l	0.30	1.0(Max.)	1.5(Max.)	IS 3025 Part -60
14	Free Residual Chlorine	mg/l	BDL (0.1)	0.2(Max.)	1.0(Max.)	IS 3025 24th Ed-4500G DPD Colorimetric
15	Magnesium as Mg	mg/l	6.8	30(Max.)	100(Max.)	IS 3025 (Part 46)
16	Nitrate as NO ₃	mg/l	7.3	45(Max.)	No Relaxation	IS 3025 Part-34 Cl 3.3, Chromotropic
17	Phenolic Compounds as C ₆ H ₅ OH	mg/l	BDL (0.001)	0.001(Max.)	0.002(Max.)	IS 3025 Part 43/sec 1
18	Sulphates as SO ₄	mg/l	17	200(Max.)	400(Max.)	IS 3025 (Part 24/Sec 1) Cl 4.0 Turbidity Method
19	Total Alkalinity as CaCO ₃	mg/l	190	200(Max.)	600(Max.)	IS 3025 (Part 23)
20	Total Hardness as CaCO ₃	mg/l	108	200(Max.)	600(Max.)	IS 3025 (Part 21)
21	Cyanide as CN	mg/l	BDL (0.02)	0.05(Max.)	No relaxation	IS 3025 (Part 27)

2. Residue & Contaminants In Water

II. Water (Ground Water)

Sr.No	Test Parameter	Unit	Result	Acceptable Limit	Permissible Limit in Absence of Alternate Source	Test Method
1	Aluminium as Al	mg/l	BDL (0.001)	0.03(Max.)	0.2(Max.)	USEPA 3015A
2	Barium as Ba	mg/l	BDL (0.001)	0.7(Max.)	No relaxation	USEPA 3015A
3	Iron as Fe	mg/l	0.017	1.0(Max.)	No Relaxation	USEPA 3015A
4	Manganese as Mn	mg/l	BDL (0.001)	0.1(Max.)	0.3(Max.)	USEPA 3015A
5	Selenium as Se	mg/l	BDL (0.001)	0.01(Max.)	No relaxation	USEPA 3015A
6	Silver as Ag	mg/l	BDL (0.001)	0.1(Max.)	No relaxation	USEPA 3015A
7	Copper as Cu	mg/l	BDL (0.001)	0.05(Max.)	1.5(Max.)	USEPA 3015A
8	Zinc as Zn	mg/l	BDL (0.001)	5.0(Max.)	15(Max.)	USEPA 3015A
9	Lead as Pb	mg/l	BDL (0.001)	0.01(Max.)	No relaxation	USEPA 3015A
10	Mercury as Hg	mg/l	BDL (0.001)	0.001(Max.)	No relaxation	USEPA 3015A

Mukesh
 Mr. Mukesh Chand Agarwal
 Authorized Signatory- Chemical

Lata
 Ms. Lata Thakur
 Authorized Signatory - Biological



TEST REPORT



ULR No : NA **Test Report No : NGWL211125NA149**

Type of Sample # : Ground Water

11	Molybdenum as Mo	mg/l	BDL (0.001)	0.07(Max.)	No relaxation	USEPA 3015A
12	Nickel as Ni	mg/l	BDL (0.001)	0.02(Max.)	No relaxation	USEPA 3015A
13	Arsenic as As	mg/l	BDL (0.001)	0.01(Max.)	No relaxation	USEPA 3015A
14	Chromium as Cr	mg/l	BDL (0.001)	0.05	No relaxation	USEPA 3015A
15	Alachlor	µg/l	BDL (0.002)	20(Max.)	No relaxation	EL-QTM-15
16	Atrazine	µg/l	BDL (0.002)	2.0(Max.)	No relaxation	EL-QTM-15
17	Aldrin /Dieldrin	µg/l	BDL (0.002)	0.03(Max.)	No relaxation	EL-QTM-15
18	Beta HCH	µg/l	BDL (0.002)	0.04(Max.)	No relaxation	EL-QTM-15
19	Butachlor	µg/l	BDL (0.002)	125(Max.)	No relaxation	EL-QTM-15
20	Chlorpyrifos	µg/l	BDL (0.002)	30(Max.)	No relaxation	EL-QTM-15
21	Delta HCH	µg/l	BDL (0.002)	0.04(Max.)	No relaxation	EL-QTM-15
22	DDT (o, p and p, p – Isomers of DDT, DDE and DDD)	µg/l	BDL (0.002)	1(Max.)	No relaxation	EL-QTM-15
23	Endosulfan (Alpha, Beta and Sulphate)	µg/l	BDL (0.002)	0.4(Max.)	No relaxation	EL-QTM-15
24	Ethion	µg/l	BDL (0.002)	3.0(Max.)	No relaxation	EL-QTM -15
25	Gamma HCH (Lindane)	µg/l	BDL (0.002)	2.0(Max.)	No relaxation	EL-QTM -15
26	Malathion	µg/l	BDL (0.002)	190(Max.)	No relaxation	EL- QTM - 15
27	Methyl parathion	µg/l	BDL (0.002)	0.3(Max.)	No relaxation	EL- QTM - 15
28	Monocrotophos	µg/l	BDL (0.002)	1.0(Max.)	No relaxation	EL- QTM - 15
29	Phorate	µg/l	BDL (0.002)	2.0(Max.)	No relaxation	EL- QTM - 15
30	Polychlorinated biphenyls (PCB's)	mg/l	BDL (0.00005)	0.0005(Max.)	No relaxation	EL-QTM-15
31	Polynuclear aromatic hydrocarbons (PAH)	mg/l	BDL (0.00005)	0.0001(Max.)	No relaxation	EL-QTM-15
32	Alpha HCH	µg/l	BDL (0.002)	0.01(Max.)	No relaxation	EL- QTM - 15
33	Cadmium as Cd	mg/l	BDL (0.001)	0.003(Max.)	No relaxation	USEPA 3015A

Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical

Ms. Lata Thakur
Authorized Signatory - Biological



TEST REPORT



ULR No : NA

Test Report No : NGWL211125NA149

Type of Sample # : Ground Water

3. Biological Testing

III. Water (Ground Water)

Sr.No	Test Parameter	Unit	Result	Acceptable Limit	Permissible Limit in Absence of Alternate Source	Test Method
1	Total Coliform	MPN/100ml	<2	-	-	IS 1622 (3.3.1)
2	E.coli.	MPN/100ml	<2	-	-	IS 1622 (3.3.4)

Remarks : <2 is equal to absent (Total Coliform & E.coli.)
Depth of Borewell- 260 feet


End of Report

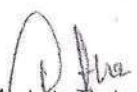
OTHER INFORMATION

Abbreviation & Symbol : # Information provided by customer. ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

Terms & Conditions :

1. The results relate only to the items tested.
2. Giving opinions does not imply endorsement of the tested product by laboratory. Under no circumstances, laboratory accepts any liability caused by use or misuse of Test Report.
3. The Test Report shall not be reproduced except in full or part or used as advertisement or evidence in court of law without written approval of the laboratory. Samples drawn under special circumstances like legal cases, the customer must declare the same at the time of submission.
4. Complaint log book is with Quality Cell. Contact No. (M) 91 8872 04 3135, Phone 91 172 4616 225 Email: quality@ecoparyavaran.org
5. The samples tested may be preserved for a period but not exceeding 7 days from date of reporting, unless otherwise specifically desired by the customer or regulatory authorities. However, depending upon the nature of samples and effect of preservation the test results of preserved samples may vary. Laboratory also does not assume any responsibility in the test results of samples kept on hold for want of clarification.
6. All disputes are subjected to jurisdiction of Mohali (Punjab) India and maximum liability of the laboratory does not exceed the testing and sampling charges.
7. In case where sample is provided by the customer, the reported results shall apply to the sample as received.


Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical


Ms. Lata Thakur
Authorized Signatory - Biological





TEST REPORT

ULR No : NA		Test Report No : NGWL211125NA149/A	
Type of Sample # : Ground Water			
Reference Type : Work Order No		Reference No : 4900234207 Dt.: 28/05/2025	
Customer Name #	Grasim Industries Ltd. (Birla Paints Division)		
Address #	Plot Nos. B 1 and D 02 P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dhanansu, Ludhiana, Punjab	Period of Sampling	21/11/2025 - 21/11/2025
Sampling Protocol	IS 17614 (Part 1), EL-MSP-7.3	Date of Receipt of Sample	21/11/2025
Sample Collection Mode	Sample collected by Laboratory Mr. Bhajanpreet Singh	Period of Analysis	21/11/2025 - 02/12/2025
Testing Location	On Site & Permanent Facility	Date of reporting	02/12/2025
Sampling Location	From Borewell- Vill.- Meowal (Govt. Primary School) Latitude- 30.966166; Longitude- 75.992753		
Sample Description	Clear, colourless liquid.		
Standard/Specifications	IS 10500 : 2021		
Packing, Markings, Seal & Qty.	PE Bottles-5+1 litre, Glass Bottles-2x1 litre+500ml, PE Bottles-2x500ml & Teflon Bottle- 1 litre		

RESULTS

1. Chemical Testing

I. Water (Ground Water)

Sr.No	Test Parameter	Unit	Result	Acceptable Limit	Permissible Limit in Absence of Alternate Source	Test Method
1	Sulphide as H ₂ S	mg/l	BDL (0.01)	0.05(Max.)	No relaxation	IS 3025 Part 29 Cl 3.0 Methylene Blue method

2. Residue & Contaminants In Water

II. Water (Ground Water)

Sr.No	Test Parameter	Unit	Result	Acceptable Limit	Permissible Limit in Absence of Alternate Source	Test Method
1	Isoproturon*	µg/l	BDL (0.01)	9.0(Max.)	Not Specified	USEPA-METHOD:532

Remarks : *Subcontracted
Depth of Borewell- 260 feet

End of Report

Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical

EL-FMT-7.8.2-W

Ms. Lata Thakur
Authorized Signatory - Biological

Page No. 1/2



TEST REPORT

ULR No : NA

Test Report No : NGWL211125NA149/A

Type of Sample # : Ground Water

OTHER INFORMATION

Abbreviation & Symbol : # Information provided by customer. ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

Terms & Conditions :

1. The results relate only to the items tested.
2. Giving opinions does not imply endorsement of the tested product by laboratory. Under no circumstances, laboratory accepts any liability caused by use or misuse of Test Report.
3. The Test Report shall not be reproduced except in full or part or used as advertisement or evidence in court of law without written approval of the laboratory. Samples drawn under special circumstances like legal cases, the customer must declare the same at the time of submission.
4. Complaint log book is with Quality Cell. Contact No. (M) 91 8872 04 3135, Phone 91 172 4616 225 Email: quality@ecoparyavaran.org
5. The samples tested may be preserved for a period but not exceeding 7 days from date of reporting, unless otherwise specifically desired by the customer or regulatory authorities. However, depending upon the nature of samples and effect of preservation the test results of preserved samples may vary. Laboratory also does not assume any responsibility in the test results of samples kept on hold for want of clarification.
6. All disputes are subjected to jurisdiction of Mohali (Punjab) India and maximum liability of the laboratory does not exceed the testing and sampling charges.
7. In case where sample is provided by the customer, the reported results shall apply to the sample as received.

Mr. Mukesh Chand Agarwal
Authorized Signatory- Chemical

Ms. Lata Thakur
Authorized Signatory - Biological





Stepping Ahead Together AG&P Prashant G THINK GAS

THINK GAS LUDHIANA PRIVATE LIMITED

3rd Floor Near Gate No. 2, Dhanraj Complex, Punjab Agriculture University, Ferozepur Road, Ludhiana, Punjab 141001

Customer Care No: 1800-3000-0046

Emergency No.: 1800-572-7105

GST TAX INVOICE/VAT RETAIL INVOICE

P.Nh Regular Invoice

CA No.	: 808538000059	Customer type	: Industrial
Legacy Number	: TGINLUD160	Invoice No.	: 100000515714 <i>GL-73000090</i>
Consumer Name	: GRASIM INDUSTRIES LIMITED.	Invoice Date	: 15.10.2025 <i>CC-1022091701</i>
Address	: LBM, Plot Nos. B1 & D02, Hitech Cycle Valley, Ludhiana, 141111, IN, Punjab & 03	Date of Issue	: 17.10.2025
Contact No	: 8347001188	Billing Period	: 01.10.2025 to 15.10.2025 (15 Days)
Customer GSTIN	: 03AAACG4464B7Z2	HSN Code	: 27112100
Customer PAN	: AAACG4464B	Product	: Natural Gas
		State & State Code	: Punjab & 03
		Conversion Date	: 06.12.2023
		Bill Cycle	: First Fortnight

Previous Balance	+	Current Charges	=	Amount Payable upto Due date	Due date
0.00		1,74,856.39		1,74,856.39	24.10.2025

Billing details for the Period of 01.10.2025 to 15.10.2025 for Meter No: 72311668, 72311668 (Daily gas consumption units are in Annexure -A)

Gas Consumption Detail	Total Gas Offtake(MMBtu)	Price (₹/MMBtu)	Consumption Amount (₹)
Non-MGO Gas Consumption	121.260	1,395.93	1,69,270.47
Total Gas Consumption Charges			1,69,270.47

VAT Retail Invoice

Particulars	Amount(₹)
Gas Consumption Charges	1,69,270.47
VAT(3.00%)	5,078.11
Surcharge(10.00% Of VAT)	507.81
(I) Sub Total	1,74,856.39
MGO Take or Pay Deposit	0.00
MGO Take or Pay Refund	0.00
Additional Security Deposit	0.00
Rental Charges (SAC Code - 998632)	0.00
Add: SGST @ 0.00%	0.00
Add: CGST @ 0.00%	0.00
(+)Late Payment Charges/Interest Charge (SAC Code - 999799)	0.00
(+)Chq. bounce charge	0.00
(+)Installment	0.00
(+)Debit note O/s. Amount	
(+)Other Charges/Credit/Rebate	0.00
(II) Sub Total	0
Total Current charges (A)	1,74,856.39
Previous Balance (Arrears) (B)	0
Total Outstanding Amount (A+B)	1,74,856.39

Mode of Payment - NEFT/RTGS

Beneficiary A/c No	: LDHIND808538000059
Beneficiary Name	: THINK GAS LUDHIANA PVT LTD.
Bank Name	: State Bank of India
Branch Name	: Andheri East
	: Mumbai
IFSC Code	: SBIN0004266



For THINK GAS LUDHIANA PRIVATE LIMITED

Digitally signed by DS THINK GAS LUDHIANA PRIVATE LIMITED 1
Date: 2025.10.17 20:28:10 GMT+05:30
Location: Approved By Anmol Kulkarni

Authorized Signatory

Total Amount due in words: One Lakh Seventy Four Thousand Eight Hundred Fifty Six Rupees Thirty Nine Paise only.

VAT TIN: 03182219411 CST TIN: 03182219411 GSTIN: 03AAHCT0533H1ZQ PAN: AAHCT0533H CIN No: U40200DL2018FTC342453

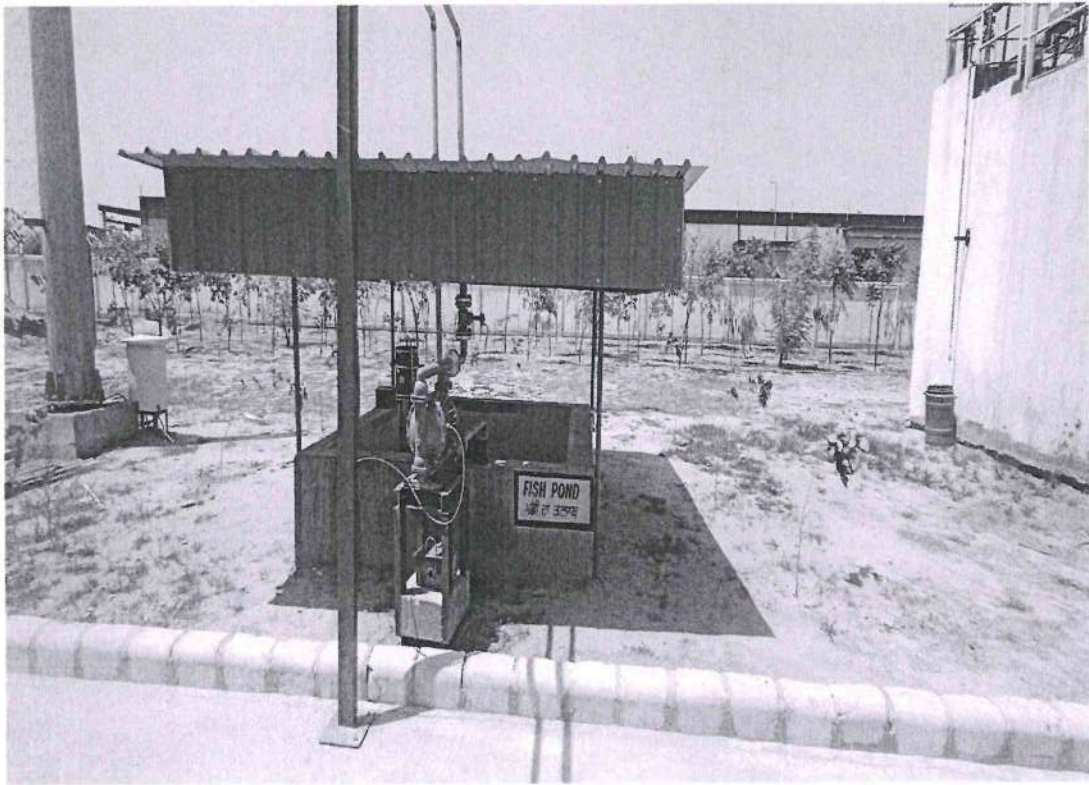


Details of CER expenses

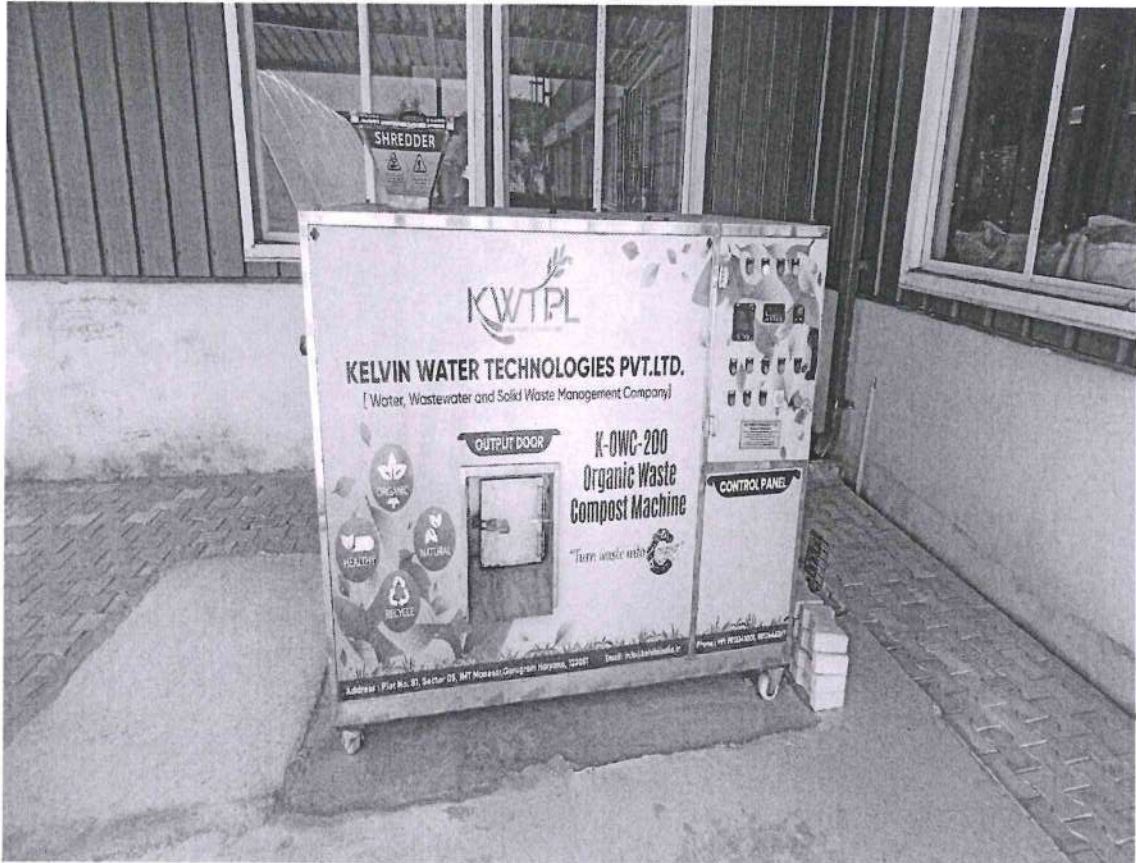
Activity No	Activity as per CER Plan	PO Date	Vendor Name	PO No.	Work Descriptions	Work Specifications/ Remarks	Quantity	Cost of PO	Related Point CER	Budget allowed	Balance Cost	
1	Establishing Nursery for Nurturing, Caring and Sharing of Native Trees Species and distributing sapling to nearby communities from of change along with Pamphlet of Native	10-10-2024	Green Trading Co	4800028838	Survey study for PSEC road plantation	Survey for PSEC road plantation	1 AU	₹ 2,50,000.00				
		08-09-2024	Formax Safety and Industrial Solutions	4800015384	Event for Distribution of Plant	Plant Distribution Event	1 AU	₹ 2,00,000.00				
		18-07-2023	Formax Safety and Industrial Solutions	4700001484	SAPLING TREES/PLANTS	Forest Trees	10,000.00 EA	₹ 37,30,000.00	Nursery		₹ 2,00,00,000.00	₹ 1,03,898.00
		08-08-2024	Formax Safety and Industrial Solutions	4700007109	SAPLING TREES/PLANTS	Forest Trees	10,000.00 EA	₹ 37,30,000.00				
		30-06-2025	Formax Safety and Industrial Solutions	4700011820	PSEC Road Greenary Development	Forest Trees/Plants	24,073.00 EA	₹ 49,87,272.00				
		30-06-2025	Formax Safety and Industrial Solutions	4804270989	PSEC Road Greenary Development	AMG 9 Interpower & Trees Guard	3,800.00 EA	₹ 82,18,765.00				
		08-08-2024	Centre For Science And Environment	4800010876	Magazine for Schools	Down to Earth	350.00 EA	₹ 3,81,500.00				
		05-01-2023	Centre For Science And Environment	4700008926	Environment Book/Crowd Honey Hunter	Environmental Books	2,400 EA	₹ 3,80,000.00	Environmental Books Donations		₹ 17,50,000.00	₹ 4,200.00
		05-01-2023	Centre For Science And Environment	4700008926	Environment Book: Bioscops of Piu & Pom	Environmental Books	2,400 EA	₹ 3,14,400.00				
		05-01-2023	Centre For Science And Environment	4800008935	Magazine Books	Subscription for Schools	1 AU	₹ 3,18,600.00				
2	Donation of Environmental Books/Literature	08-08-2024	Centre For Science And Environment	4800010876	Magazine Books	Subscription for Schools	1 AU	₹ 3,18,600.00				
		30-03-2023	Empura Solution	4700001001	YENDING Machine, REATHOS	Subscription for Schools	10 EA	₹ 24,60,000.00				
		18-07-2025	Empura Solution	4700009492	YENDING Machine, REATHOS	Plastic Bottle Crusher Machine	9 EA	₹ 24,40,000.00	Donation of Plastic Bottle Crusher Machine		₹ 89,380.00	₹ 99,380.00
		08-02-2025	PANNALAL SHRI KRISHAN DASS PVT LTD	4700009344	Jute Carry Bags	Plastic Bottle Crusher Machine	40,000 EA	₹ 24,40,000.00				
		18-02-2025	Empura Solution	4700009492	Cloth Bags		46,000 EA	₹ 24,95,500.00				
		05-11-2022	Greenhardt Products Pvt Ltd	4700004934	Jute Carry Bags		20,000 EA	₹ 15,80,000.00				
		01-05-2023	Kora Branding Pvt Ltd	4700001226	Jute Carry Bags		3,800 EA	₹ 3,08,100.00			₹ 70,00,000.00	₹ 3,95,600.00
		01-05-2024	MJ JUTEX	4700004469	Jute Carry Bags		6,000 EA	₹ 3,72,000.00				
		18-07-2023	Formax Industrial Solutions	480001732	Jute Carry Bags		1 AU	₹ 2,00,000.00				
		15-05-2023	Jay Corporation	470001923	Water Bottle		500 EA	₹ 2,32,500.00				
3	Distribution of Glass/Metallic Bottles to replace Plastic Bottles	08-08-2022	Jay Corporation	470000311	Water Bottle		1,500 EA	₹ 6,37,500.00				
		11-01-2025	Empura Solution	4700008970	Water Bottle		2,000 EA	₹ 6,50,000.00			₹ 80,00,000.00	₹ 19,48,000.00
		11-01-2025	Empura Solution	4700008970	Water Bottle		2,000 EA	2,70,000.00				
		11-01-2025	Musick Retail Pvt. Ltd.	4700008871	Water Bottle		2,000 EA	12,62,000.00				
		25-12-2023	UHP Security & Facility Pvt Ltd	480002716	Setup of Sustainability Lab at GNDU Ludhiana	Provision of Monitoring Lab/Van to PPCB - Virtual Corporate Interaction Lab	1 AU	₹ 74,00,000.00			₹ 85,00,000.00	₹ 70,387.00
		02-05-2025	Punjab Pollution Control Board	4800209108	Punjab Pollution Control Board	Contribution to Tandoor Punjab Fund for Environmental Initiatives taken by Govt. of Punjab	1 AU	₹ 91,00,000.00			₹ 91,00,000.00	₹ 0.00
		02-05-2025	Precise Solar Energy Pvt Ltd	4800209108	Precise Solar Energy Pvt Ltd	SOLAR PLANT 45KWp	1 AU	₹ 16,50,000.00				
		02-05-2025	Precise Solar Energy Pvt Ltd	4800209108	Precise Solar Energy Pvt Ltd	SOLAR PLANT 71KWp	1 AU	₹ 25,27,000.00				
		29-05-2025	Precise Solar Energy Pvt Ltd	4800235314	Precise Solar Energy Pvt Ltd	SOLAR PLANT 72KWp	1 AU	₹ 25,04,000.00				
		26-05-2025	AVANI ECO SOLUTIONS PVT LTD	4800233114	AVANI ECO SOLUTIONS PVT LTD	Supply & Installation of 12 KW solar Solar street light Installation	1 AU	₹ 4,80,000.00			₹ 1,80,00,000.00	₹ 70,29,000.00
4	Upgradation/Provision of Monitoring Lab/Van to PPCB - Ludhiana	21-08-2024	Precise Solar Energy Pvt Ltd	4800012837	Precise Solar Energy Pvt Ltd	Installation 70 Kw Solar Electrification	1 AU	₹ 14,80,000.00				
		21-08-2024	Precise Solar Energy Pvt Ltd	4700008827	Precise Solar Energy Pvt Ltd	POWER GENERATING Solar 70KW	1 SET	₹ 15,75,000.00				
		20-01-2025	Eco Physychem Laboratories & Co	80002278	Eco Physychem Laboratories & Co	Pond Restoration	1 AU	₹ 8,50,000.00			₹ 1,60,00,000.00	₹ 82,31,725.00
		05-05-2025	M/s NetaishrePond	LOA issued	Pond Restoration	Pond Development	1 AU	₹ 89,19,275.00			₹ 9,04,00,000.00	₹ 1,70,82,655.00
		Total										



Fishpond for ETP Outlet



Biocomposting Machine





PUNJAB POLLUTION CONTROL BOARD
Invest Punjab, PBIP, Udyog Bhawan, Sector 17, Chandigarh
Website:- www.ppcb.gov.in

Office Dispatch No : _____ Registered/Speed Post _____ Date: _____
Industry Registration ID: *R2ILDH1979056* Application No : *19930252*

To,
Shailendra K Jain
Aditya Birla Centre, Sk Ahire Marg Worli, Mumbai
Mumbai, Mumbai-400030

Subject: Extension in the validity of Consent to Establish granted to the industry under the Water Act, 1974 and Air Act, 1981.

1. Particulars of Consent to Establish (NOC) for Extension granted to the Industry

Certificate No.	<i>CTE/Ext/LDH1/2022/19930252</i>
Date of issue :	<i>23/11/2022</i>
Date of expiry :	<i>01/12/2024</i>
Certificate Type :	<i>Extension</i>
Previous CTE/CTO No. & Validity :	<i>CTE/Fresh/LDH1/2021/17217879</i> <i>From:03/12/2021 To:02/12/2022</i>

2. Particulars of the Industry

Name & Designation of the Applicant	<i>Manoj Singh, (Senior Gm)</i>
Address of Industrial premises	<i>Grasim Industries Limited, Plot Nos. B-1, D-02 (p), Hi-tech Valley, Village Dhanansu, District-ludhiana, Punjab, Ludhiana East, Ludhiana I-141112</i>
Category of Industry	<i>Red</i>
Type of Industry	<i>1021-Manufacturing of paints varnishes, pigments and intermediate (excluding blending/mixing)</i>
Scale of the Industry	<i>Large</i>
Office District	<i>Ludhiana I</i>



In pursuance of the request made by the project proponent vide online application no. 19930252, the validity of Consent to Establish already granted to the project proponent vide no. CTE/Fresh/LDH1/2021/17217879 dated 03.12.2021, which was valid up to 02.12.2022, under the Water (Prevention & Control of Pollution) Act, 1974 & Air (Prevention & Control of Pollution) Act, 1981, is, hereby, further extended up to 01/12/2024, subject to the same terms & conditions mentioned therein, and the following additional condition that:

1. The industry shall comply with the terms & conditions of the Environment Clearance granted to it vide no. SEIAA/PB/IND/2021/EC/22 dated 19/01/2022 by the competent authority, in toto.

This letter shall be appended with the CTE issued to the project proponent vide no. CTE/Fresh/LDH1/2021/17217879 dated 03.12.2021 and its subsequent extension(s), if any.



23/11/2022

(Kamal Singla)
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)

Endst. No.:

Dated:

A copy of the above is forwarded to the following for information and necessary action please:

1. Senior Environmental Engineer, Zonal Office-1, Ludhiana.
2. Environmental Engineer, Regional Office -1, Ludhiana is requested to ensure that application of the industry for consent to operate may be processed in future, keeping in consideration the holistic compliance of Environment Clearance to be made by the industry.



23/11/2022

(Kamal Singla)
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)

"This is computer generated document from OCMMS by PPCB"

Grasim Industries Limited, Plot Nos. B-1, D-02 (p), Hi-tech Valley, Village Dhanansu, District-Ludhiana, Punjab, Ludhiana East, Ludhiana-141112

Page 2





Office Dispatch No.: PBIP/2023/3055

Date: 09/11/2023

To

MANOJ SINGH
PLOT NOS. B-1, D-02 (P), HI-TECH VALLEY, VILLAGE DHANANSU, DISTRICT LUDHIANA, PUNJAB.
LUDHIANA, LUDHIANA-EAST - 141112

Subject:- Fresh Authorization for operating a facility for 'collection, Generation, Storage, Transportation, Reception, Treatment, Disposal' of Hazardous Wastes as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

Manoj Singh Plot B-1, D-02 (P) Hi Tech Valley village-Dhananshu Ludhiana-141112 is hereby granted an authorisation based on the enclosed signed inspection report for Collection, Generation, Storage, Transportation, Treatment, Disposal, on the premises situated at Ludhiana-East, Ludhiana, 141112

1. Particulars of Authorization granted to the Industry:

PIN	210891528
Application No.:	2310778832
Date of Issue:	09-Nov-2023
Date of Expiry:	31-Mar-2026
Authorization No:	HWM/Auth/PBIP/LDH-I/2310778832
Previous Authorization Date of Issue:	1-Jan-1970
Previous Authorization Date of Expiry:	1-Jan-1970
Certificate Type:	Fresh

2. Particulars of the Industry:


Name & Designation of the Applicant:	Manoj Singh, (Authorized Signatory)
Name of Business Entity	Grasim Industries Limited
Name of the Project/Unit:	Grasim Industries Limited
Address of Project/Unit:	Plot B-1, D-02 (P) Hi Tech Valley village-Dhananshu Ludhiana-141112, Ludhiana-East, Ludhiana
Capital Investment of the Industry(in lakhs):	104163.91
Category of Industry:	Red
Type of Industry:	1021 - Manufacturing of paints varnishes, pigments and intermediate (excluding blending/mixing)
Scale of the Industry:	Large - > Rs. 50 Crore
Office District:	Ludhiana-I



3. Particulars of Wastes:

<p>Category of Hazardous Waste as per the schedule I,II and III of these rules:</p>	<p>Schedule1 3.1-Cargo residue, washing water and sludge containing oil 8 T, Schedule1 3.3-Sludge and filters contaminated with oil 5 T, Schedule1 5.1-Used or spent oil 30 T, Schedule1 20.1-Contaminated aromatic, aliphatic or naphthenic solvents may or may not be fit for reuse 20 T, Schedule1 20.3-Distillation residues 71 T, Schedule1 21.1-Process wastes, residues and sludges 90 T, Schedule1 23.1-Wastes or residues (not made with vegetable or animal materials) 68 T, Schedule1 33.1-Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 19 T, Schedule1 33.1-Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 80 T, Schedule1 35.1-Exhaust Air or Gas cleaning residue 4 T, Schedule1 35.2-Spent ion exchange resin containing toxic metals 8 T, Schedule1 35.3-Chemical sludge from waste water treatment 150 T, Schedule1 35.4-Oil and grease skimming 10 T, Schedule1 36.2-Spent carbon or filter medium 7.5 T, Schedule1 33.1-Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 60000 Number,</p>
<p>Authorization mode of disposal or recycling or utilisation or co-processing etc:</p>	<p>Generation, Storage, Disposal,</p>

4. The Authorisation is Subject to the general and specific conditions as appended with the Authorization


 Environmental Engineer (PBIP)
 for & on behalf of
 Chief Environmental Engineer (PBIP)


Endst. No.

Dated:

A copy of the above is forwarded to the following for information and necessary action please:

1. Senior Environmental Engineer, Zonal Office-I, Ludhiana.
2. Environmental Engineer, Regional Office-I, Ludhiana.

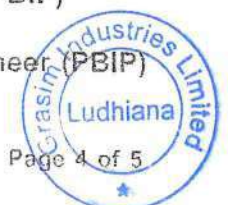
slr
Environmental Engineer (PBIP)
for & on behalf of
Chief Environmental Engineer



A. GENERAL CONDITIONS


1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.
3. The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.
4. Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.
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 Central Pollution Control Board guidelines on Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty.
7. It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility.
8. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence 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 waste 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 and mitigation of damages if any.
12. An application for the renewal of an authorisation shall be made as laid down under these Rules.
13. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
14. Annual return shall be filed by June 30th for the period ensuring 31st March of the year.


Environmental Engineer (PBIP)
for & on behalf of
Chief Environmental Engineer (PBIP)



B. SPECIAL CONDITIONS

1. The industry shall not generate/ store/ collect/ dispose any other category of hazardous waste from its premise, except the category of hazardous waste(s) for which it has been granted this authorisation under the HWM Rules, 2016.
2. The industry shall comply with the conditions of Environmental Clearance granted to it by the SEIAA, Punjab, vide SEIAA/PB/IND/2021/EC/22 dated 19.01.2022, in true letter & spirit.
3. The industry shall always comply with guidelines issued by PPCB/CPCB for time to time.
4. The industry shall adopt & follow the Lead Free Paint Guidelines in true letter & spirit.
5. The industry shall ensure compliance of SOP issued by CPCB for spent solvent recovery (as & when solvent recovery plant installed with permission from the Board).
6. The industry shall dispose of its hazardous waste category 5.1 & 33.1 to the authorized unit / recycler/utilizer and remaining categories of hazardous waste shall be lifted either to TSDF or to pre-processor/co-processor having valid Registration Certificate-cum-Pass Book from Punjab Pollution Control Board / Central Pollution Control Board and valid authorization of the State Board under the said Rules and 'consents to operate' under the Water (Prevention & Control of Pollution) Act, 1974 & the Air (Prevention & Control of Pollution) Act, 1981 and authorization under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, under proper manifest and shall maintain proper record in this regard, at all times.
7. The industry shall store its hazardous wastes generated from different manufacturing activities/ otherwise, within its premises in an environmentally sound manner as per provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
8. The industry shall ensure regular lifting of hazardous waste and also ensure that the quantity of hazardous waste generated per year shall not be stored beyond 90 days (extendable upto 180 days) in its premises at any time.
9. The industry shall handle the hazardous waste(s) strictly in accordance with the provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and guidelines issued by Central Pollution Control Board / Ministry of Environment & Forests and Climate Change, New Delhi.
10. In case, the industry fails to comply with the above conditions of authorization as well as provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and/or any other environmental law applicable to the industry and Rules, Circulars & Directions issued by the Board from time to time, the Board shall be constrained to take action against the industry under the provisions of the Pollution Control Laws.


Environmental Engineer (PBIP)
for & on behalf of
Chief Environmental Engineer (PBIP)





PUNJAB POLLUTION CONTROL BOARD

Regional Office-1, Focal Point, Phase-5, Ludhiana

Website:- www.ppcb.gov.in



Office Dispatch No :

Registered/Speed Post

Date:

Registration ID: R21LDH1979056

Application No : 24226798

To,

Harikrishna Agarwal,
Aditya Birla Centre, SK Ahire Marg Worli, Mumbai
Ludhiana east, Ludhiana i, 400030

Subject: Authorization under Bio-Medical Waste Management Rules, 2016 framed under Environment (Protection) Act, 1986 for [Generation, Storage] of Bio-Medical Waste.

With reference to your application for obtaining Authorization under Bio-Medical Waste Management Rules, 2016 framed under Environment (Protection) Act, 1986, you are, hereby authorized for handling/ managing Bio-Medical Waste under Bio-Medical Waste Management Rules, 2016 as per the details specified in this authorization.

1. Particulars of Applicant (Occupier/Operator)

Name of Applicant (Occupier/Operator)	Harikrishna Agarwal
Designation :	Occupier
Correspondent Address :	Harikrishna Agarwal, Aditya Birla Centre, SK Ahire Marg Worli, Mumbai Ludhiana east, Ludhiana i, 400030
Mobile Number :	8979214555
Landline Number :	-
Fax Number :	-
Email-ID :	sandeep.sengar@adityabirla.com

2. Particulars of HCF/CBWTF

Name of HCF/CBWTF	Grasim industries limited
Address of HCF/CBWTF premises	Grasim industries limited Plot nos. b-1, d-02 (p), hi-tech valley, village dhanansu, district-ludhiana, punjab
Mobile Number :	8979214555
Facility Type and Subtype	HCF (Non-bedded-Any-Other(Non-Bedded))
Ownership	Public Limited Company
Number of Beds/Dental Chairs (for HCF)	0
No. of HCF covered(for CBWTFs)	-
No. of Beds covered	-
No of Beds	0
Area and Distance Covered by CBWTF	-

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Grasim industries limited, Plot nos. b-1, d-02 (p), hi-tech valley, village dhanansu, district-ludhiana, punjab, Ludhiana, Ludhiana



Page No. :- 1

Mode of Transportation of BMW

Common Facility Vehicle

3. Particulars of Authorization

Authorization No.	BMW/Fresh/LDH1/2023/24226798
Date of Issue	29/12/2023
Date of Expiry	-
Authorization Type	Fresh
Activities authorized	[Generation, Storage]

4. Particulars of Bio-Medical Waste

Waste category	Quantity permitted for handling	Unit
Yellow	0.45	kg/day
Red	0.15	kg/day
White(Translucent)	0.10	kg/day
Blue	0.5	kg/day

5. The HCE/CBWTF shall discharge its effluent after treatment as prescribed under the Rules.

6. The Authorization is subject to the Terms and Conditions as specified in this Authorization and also to such conditions as may be specified in the rules for the time being in force under the Environment (Protection) Act, 1986.



30/12/2023

(Kanwaldeep Kaur)
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)

Endst. No.:

Dated:

A copy of the above is forwarded to the following for information and necessary action please:



30/12/2023

(Kanwaldeep Kaur)
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)

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Grasim industries limited, Plot nos. b-1, d-02 (p), hi-tech valley, village dhanansu, district-ludhiana, punjab, Ludhiana, Ludhiana-141112



TERMS AND CONDITIONS

A. GENERAL CONDITIONS

1. This authorization is issued for _____ number of beds. For any increase in number of beds, the applicant shall obtain prior permission of the Board.
2. The Medical Institution / Health Care Facility shall apply for the renewal of authorization at least 2 months before the expiry of this authorization.
3. The Medical Institution / Health Care Facility shall comply with the provisions of the Environment (Protection) Act, 1986 as amended from time to time and the rules made there under.
4. The authorization and all relevant records shall be produced for inspection on the request of an officer of prescribed authority.
5. The HCF shall take all necessary steps to ensure that bio-medical waste is handled without any adverse effect to human health and the environment and in accordance with these rules;
6. The HCF shall make a provision within the premises for a safe, ventilated and secured location for storage of segregated biomedical waste in colored bags or containers in the manner as specified in Schedule I, to ensure that there shall be no secondary handling, pilferage of recyclables or inadvertent scattering or spillage by animals and the bio-medical waste from such place or premises shall be directly transported in the manner as prescribed in these rules to the common bio-medical waste treatment facility or for the appropriate treatment and disposal, as the case may be, in the manner as prescribed in Schedule I.
7. The HCF shall pre-treat the laboratory waste, microbiological waste, blood samples and blood bags through autoclaving/microwaving and then sent to the common bio-medical waste treatment facility for final disposal. The HCF shall maintain a logbook of operation of Autoclave.
8. The HCF shall phase out use of chlorinated plastic bags, gloves and blood bags as mentioned in the Rules;
9. In case the HCF purchase color coded bag from open market, it shall get the testing certificate from CIPET Lab, Amritsar regarding absence of chlorinated material in it. However, if it is procured from CBWTF operator, the HCF shall obtain the test certificate from CBWTF operator.
10. The HCF shall dispose of general waste other than bio-medical waste in green bin.
11. The HCF shall not dispose bio-medical waste with municipal solid waste;
12. The HCF shall provide training to all its health care workers and others, involved in handling of bio medical waste at the time of induction and thereafter at least once every year and the details of training programmes conducted, number of personnel trained and number of personnel not undergone any training shall be provided in the Annual Report;
13. The HCF shall immunise all its health care workers and others, involved in handling of bio-medical waste for protection against diseases including Hepatitis B and Tetanus that are likely to be transmitted by handling of bio-medical waste, in the manner as prescribed in the National Immunisation Policy or the guidelines of the Ministry of Health and Family Welfare issued from time to time;
14. The HCF shall ensure occupational safety of all its health care workers and others involved in handling of biomedical waste by providing appropriate and adequate personal protective equipments;
15. The HCF shall conduct health check up at the time of induction and at least once in a year for all its health care workers and others involved in handling of bio- medical waste and maintain the records for the same;
16. The HCF shall ensure segregation of liquid chemical waste at source and ensure pre-treatment or neutralisation prior to mixing with other effluent generated from health care facilities;
17. The HCF shall ensure treatment and disposal of liquid waste in accordance with the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974).
18. The HCF shall obtain consents under the provisions of Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981.
19. The HCF shall maintain and update on day to day basis the bio-medical waste management register and display the monthly record on its website according to the bio-medical waste generated in terms of category and colour coding as specified in Schedule I. All the record shall be subject to inspection and verification by the Prescribed Authority /authorized person at any time. The record shall be maintained for a period of 5 years.
20. The HCF shall report major accidents including accidents caused by fire hazards, blasts during handling of biomedical waste and the remedial action taken and the records relevant thereto, (including nil report) in Form I to the prescribed authority within 24 hours and also along with the annual report;.

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Grasim industries limited, Plot nos. b-1, d-02 (p), hi-tech valley, village dhanansu, district-ludhiana, punjab, Ludhiana, Ludhiana i. 141112

Page No. - 3



Bendy

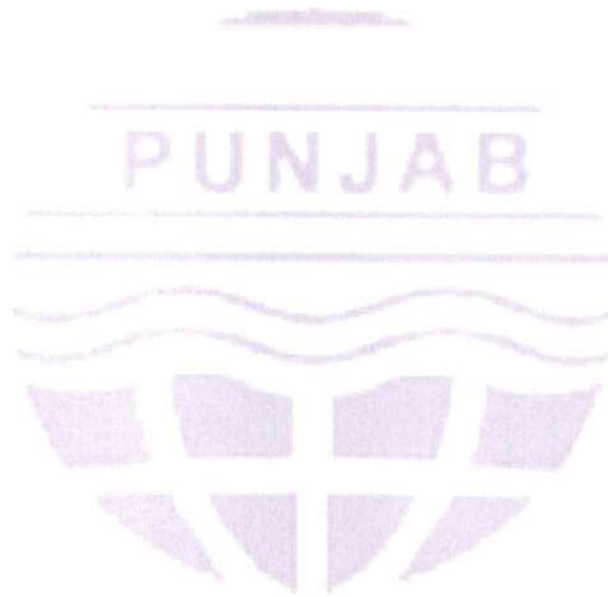
30/12/2023

(Kanwaldeep Kaur)
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)



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Grasim industries limited, Plot nos. b-1, d-02 (p), hi-tech valley, village dhanansu, district-ludhiana, punjab, Ludhiana, Ludhiana 1, 141112

Page No. - 5





TEST REPORT



ULR No : NA		Test Report No : NAAL120326NA075	
Type of Sample # : Work Environment and Indoor Air Quality		Date of reporting : 21/03/2026	
Reference Type : PO Number		Reference No : 4900234207 Dt.: 28/05/2025	
Customer #	Grasim Industries Ltd. (Birla Paints Division), Plot Nos. B 1 and D 02 P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dhanansu, Ludhiana, Punjab		
Sampling Protocol	IS 5182, EL-MSP-7.3	Mode of Collection of Sample	Sample collected by Laboratory Mr. Bhajanpreet Singh
Period of Sampling	09/03/2026 - 09/03/2026	Date of Receipt of Sample	12/03/2026
Sampling Location	Unloading Area (RMG)	Period of Analysis	12/03/2026 - 21/03/2026
Standard/Specifications	Indian factories act 1948, NIOSH, OSHA, ASHRAE, ACGIH	Environmental Condition	-
Testing Location	On Site & Permanent Facility		

RESULTS

1. Chemical Testing

I. Atmospheric Pollution (Work Environment and Indoor Air Quality)

Sr.No	Test Parameter	Unit	Result	Standard	Test Method
1	Personal Exposure RSPM (PM10)	mg/m3	0.536	5^^	EL-MSP-7.3 (3.18)

Remarks : ^^As per OSHA.
Name of Operator- Mr. Khajan
Batch No. 13515

End of Report

OTHER INFORMATION

Abbreviation & Symbol : # Information provided by customer. ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

- Terms & Conditions** :
- The results relate only to the items tested.
 - Giving opinions does not imply endorsement of the tested product by laboratory. Under no circumstances, laboratory accepts any liability caused by use or misuse of Test Report.
 - The Test Report shall not be reproduced except in full or part or used as advertisement or evidence in court of law without written approval of the laboratory. Samples drawn under special circumstances like legal cases, the customer must declare the same at the time of submission.
 - Complaint log book is with Quality Cell. Contact No. (M) 91 8872 04 3135, Phone 91 172 4616 225 Email: quality@ecoparyavaran.org
 - The samples tested may be preserved for a period but not exceeding 7 days from date of reporting, unless otherwise specifically desired by the customer or regulatory authorities. However, depending upon the nature of samples and effect of preservation the test results of preserved samples may vary. Laboratory also does not assume any responsibility in the test results of samples kept on hold for want of clarification.
 - All disputes are subjected to jurisdiction of Mohali (Punjab) India and maximum liability of the laboratory does not exceed the testing and sampling charges.
 - In case where sample is provided by the customer, the reported results shall apply to the sample as received.

Mr. Umesh Kumar
Authorized Signatory- Chemical

EL-FMT-7.8.2-WA

Page No.1/1





Eco Paryavaran Laboratories & Consultants Pvt. Ltd.

TEST REPORT



TC-11818

ULR No : NA		Test Report No : NAAL120326NA076	
Type of Sample # : Work Environment and Indoor Air Quality		Date of reporting : 21/03/2026	
Reference Type : PO Number		Reference No : 4900234207 Dt: 28/05/2025	
Customer #	Grasim Industries Ltd. (Birla Paints Division), Plot Nos. B 1 and D 02 P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dhanansu, Ludhiana, Punjab		
Sampling Protocol	IS 5182, EL-MSP-7.3	Mode of Collection of Sample	Sample collected by Laboratory Mr. Bhajanpreet Singh
Period of Sampling	09/03/2026 - 09/03/2026	Date of Receipt of Sample	12/03/2026
Sampling Location	FIBC Charging Area (RMG)	Period of Analysis	12/03/2026 - 21/03/2026
Standard/Specifications	Indian factories act 1948, NIOSH, OSHA, ASHRAE, ACGIH	Environmental Condition	-
Testing Location	On Site & Permanent Facility		

RESULTS

1. Chemical Testing

I. Atmospheric Pollution (Work Environment and Indoor Air Quality)

Sr.No	Test Parameter	Unit	Result	Standard	Test Method
1	Personal Exposure RSPM (PM10)	mg/m3	0.548	5 ^{^^}	EL-MSP-7.3 (3.18)

Remarks : ^^As per OSHA.
Name of Operator- Mr. Manish
Batch No. 13523

End of Report

OTHER INFORMATION

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Mr. Umesh Kumar
Authorized Signatory- Chemical

EL-FMT-7.8.2-WA

Page No.1/1



ECO BHAWAN E-207, Industrial Area, Phase VIII-B (Sector-74), Mohali (Punjab) 160071



TEST REPORT



ULR No : NA		Test Report No : NAAL260326NA001	
Type of Sample # : Ambient Air		Date of reporting : 03/04/2026	
Reference Type : Work Order No		Reference No : 4900234207 Dt.: 28/05/2025	
Customer #	Grasim Industries Ltd. (Birla Paints Division), Plot Nos. B 1 and D 02 P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dhanansu, Ludhiana, Punjab		
Sampling Protocol	IS 5182, EL-MSP-7.3	Mode of Collection of Sample	Sample collected by Laboratory Mr. Bhajanpreet Singh
Period of Sampling	23/03/2026 - 24/03/2026	Date of Receipt of Sample	26/03/2026
Sampling Location	Near Main Gate	Period of Analysis	26/03/2026 - 03/04/2026
Standard/Specifications	National Ambient Air Quality: G.S.R.No.B-29016/20/90/PCI-L dated 18 Nov, 2009	Environmental Condition	Clear Sky
Testing Location	On Site & Permanent Facility		

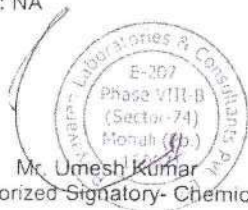
RESULTS

1. Chemical Testing

I. Atmospheric Pollution (Ambient Air)

Sr.No	Test Parameter	Unit	Result	Standard	Test Method
1	Respirable Suspended Particulate Matter (PM10)	µg/m3	84	100(max.)	IS 5182 (Part 23)
2	Particulate Matter (PM2.5)	µg/m3	45	60(max.)	IS 5182 (Part 24)
3	Sulphur Dioxide as SO2	µg/m3	27	80(max.)	IS 5182 (Part 2)
4	Nitrogen Dioxide (NO2)	µg/m3	29	80(max.)	IS 5182 (Part 6)
5	Ammonia as NH3	µg/m3	20	400(max.)	IS 5182 (Part 25)
6	Ozone as O3	µg/m3	39	180(max.)	IS 5182 (Part 9)
7	Carbon Monoxide as CO	mg/m3	0.87	4(max.)	IS 5182 (Part 10) NDIR method
8	Lead (Pb)	µg/m3	BDL (0.004)	1.0(max.)	USEPA Method IO-3.5
9	Arsenic (As)	ng/m3	BDL (4)	6(max.)	USEPA Method IO-3.5
10	Nickel as Ni	ng/m3	BDL (4)	20(max.)	USEPA Method IO-3.5
11	Benzene as C6H6	µg/m3	BDL (2)	5(max.)	IS 5182 (Part 11)
12	Benzo Pyrene (BaP), Particulate Phase Only	ng/m3	BDL (0.3)	1(max.)	IS 5182 (Part 12)

Remarks : NA



Mr. Umesh Kumar
Authorized Signatory- Chemical

EL-FMT-7.8.2 -AA

Page No.1/2



ECO BHAWAN E-207, Industrial Area, Phase VIII-B (Sector-74), Mohali (Punjab) 160071

TEST REPORT



ULR No : NA

Test Report No : NAAL260326NA001

Type of Sample # : Ambient Air

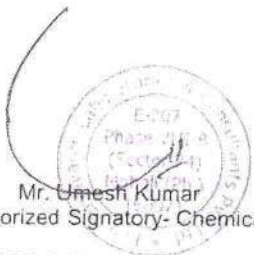
Date of reporting : 03/04/2026

End of Report

OTHER INFORMATION

Abbreviation & Symbol : # Information provided by customer. ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable
Terms & Conditions :

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7. In case where sample is provided by the customer, the reported results shall apply to the sample as received.


Mr. Umesh Kumar
Authorized Signatory- Chemical

EL-FMT-7.8.2 -AA

Page No.2/2





TEST REPORT



ULR No : NA		Test Report No : NAAL260326NA002	
Type of Sample # : Ambient Air		Date of reporting : 03/04/2026	
Reference Type : Work Order No		Reference No : 4900234207 Dt.: 28/05/2025	
Customer #	Grasim Industries Ltd. (Birla Paints Division), Plot Nos. B 1 and D 02 P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dhanansu, Ludhiana, Punjab		
Sampling Protocol	IS 5182, EL-MSP-7.3	Mode of Collection of Sample	Sample collected by Laboratory Mr. Bhajanpreet Singh
Period of Sampling	23/03/2026 - 24/03/2026	Date of Receipt of Sample	26/03/2026
Sampling Location	PMG Area	Period of Analysis	26/03/2026 - 03/04/2026
Standard/Specifications	National Ambient Air Quality: G.S.R.No.B-29016/20/90/PCI-L dated 18 Nov, 2009	Environmental Condition	Clear Sky
Testing Location	On Site & Permanent Facility		

RESULTS

1. Chemical Testing

I. Atmospheric Pollution (Ambient Air)

Sr.No	Test Parameter	Unit	Result	Standard	Test Method
1	Respirable Suspended Particulate Matter (PM10)	µg/m3	86	100(max.)	IS 5182 (Part 23)
2	Particulate Matter (PM2.5)	µg/m3	48	60(max.)	IS 5182 (Part 24)
3	Sulphur Dioxide as SO2	µg/m3	25	80(max.)	IS 5182 (Part 2)
4	Nitrogen Dioxide (NO2)	µg/m3	27	80(max.)	IS 5182 (Part 6)
5	Ammonia as NH3	µg/m3	21	400(max.)	IS 5182 (Part 25)
6	Ozone as O3	µg/m3	35	180(max.)	IS 5182 (Part 9)
7	Carbon Monoxide as CO	mg/m3	1.09	4(max.)	IS 5182 (Part 10) NDIR method
8	Lead (Pb)	µg/m3	BDL (0.004)	1.0(max.)	USEPA Method IO-3.5
9	Arsenic (As)	ng/m3	BDL (4)	6(max.)	USEPA Method IO-3.5
10	Nickel as Ni	ng/m3	BDL (4)	20(max.)	USEPA Method IO-3.5
11	Benzene as C6H6	µg/m3	BDL (2)	5(max.)	IS 5182 (Part 11)
12	Benzo Pyrene (BaP), Particulate Phase Only	ng/m3	BDL (0.3)	1(max.)	IS 5182 (Part 12)

Remarks : NA

Mr. Umesh Kumar
Authorized Signatory- Chemical

EL-FMT-7.8.2-AA

Page No. 1/2



TEST REPORT



ULR No : NA

Test Report No : NAAL260326NA002

Type of Sample # : Ambient Air

Date of reporting : 03/04/2026

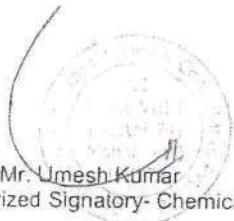
End of Report

OTHER INFORMATION

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6. All disputes are subjected to jurisdiction of Mohali (Punjab) India and maximum liability of the laboratory does not exceed the testing and sampling charges.
7. In case where sample is provided by the customer, the reported results shall apply to the sample as received.


Mr. Umesh Kumar
Authorized Signatory- Chemical

EL-FMT-7.8.2 -AA

Page No.2/2





Eco Paryavaran Laboratories & Consultants Pvt. Ltd.

TEST REPORT



ULR No : NA		Test Report No : NAAL260326NA003	
Type of Sample # : Ambient Air		Date of reporting : 03/04/2026	
Reference Type : Work Order No		Reference No : 4900234207 Dt.: 28/05/2025	
Customer #	Grasim Industries Ltd. (Birla Paints Division), Plot Nos. B 1 and D 02 P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dhanansu, Ludhiana, Punjab		
Sampling Protocol	IS 5182, EL-MSP-7.3	Mode of Collection of Sample	Sample collected by Laboratory Mr. Bhajanpreet Singh
Period of Sampling	23/03/2026 - 24/03/2026	Date of Receipt of Sample	26/03/2026
Sampling Location	ETP Area	Period of Analysis	26/03/2026 - 03/04/2026
Standard/Specifications	National Ambient Air Quality: G.S.R.No.B-29016/20/90/PCI-L dated 18 Nov, 2009	Environmental Condition	Clear Sky
Testing Location	On Site & Permanent Facility		

RESULTS

1. Chemical Testing

I. Atmospheric Pollution (Ambient Air)

Sr.No	Test Parameter	Unit	Result	Standard	Test Method
1	Respirable Suspended Particulate Matter (PM10)	µg/m ³	79	100(max.)	IS 5182 (Part 23)
2	Particulate Matter (PM2.5)	µg/m ³	41	60(max.)	IS 5182 (Part 24)
3	Sulphur Dioxide as SO ₂	µg/m ³	27	80(max.)	IS 5182 (Part 2)
4	Nitrogen Dioxide (NO ₂)	µg/m ³	29	80(max.)	IS 5182 (Part 6)
5	Ammonia as NH ₃	µg/m ³	25	400(max.)	IS 5182 (Part 25)
6	Ozone as O ₃	µg/m ³	38	180(max.)	IS 5182 (Part 9)
7	Carbon Monoxide as CO	mg/m ³	1.03	4(max.)	IS 5182 (Part 10) NDIR method
8	Lead (Pb)	µg/m ³	BDL (0.004)	1.0(max.)	USEPA Method IO-3.5
9	Arsenic (As)	ng/m ³	BDL (4)	6(max.)	USEPA Method IO-3.5
10	Nickel as Ni	ng/m ³	BDL (4)	20(max.)	USEPA Method IO-3.5
11	Benzene as C ₆ H ₆	µg/m ³	BDL (2)	5(max.)	IS 5182 (Part 11)
12	Benzo Pyrene (BaP), Particulate Phase Only	ng/m ³	BDL (0.3)	1(max.)	IS 5182 (Part 12)

Remarks : NA

Mr. Umesh Kumar
Authorized Signatory- Chemical

EL-FMT-7.8.2 -AA

Page No.1/2



ECO BHAWAN E-207, Industrial Area, Phase VIII-B (Sector-74), Mohali (Punjab) 160071

TEST REPORT



ULR No : NA

Test Report No : NAAL260326NA003

Type of Sample # : Ambient Air

Date of reporting : 03/04/2026


End of Report

OTHER INFORMATION

Abbreviation & Symbol : # Information provided by customer. ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable

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Mr. Umesh Kumar
Authorized Signatory- Chemical

EL-FMT-7.8.2 -AA

Page No.2/2





TEST REPORT



ULR No : NA		Test Report No : NAAL260326NA004	
Type of Sample # : Ambient Air		Date of reporting : 03/04/2026	
Reference Type : Work Order No		Reference No : 4900234207 Dt.: 28/05/2025	
Customer #	Grasim Industries Ltd. (Birla Paints Division), Plot Nos. B 1 and D 02 P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dhanansu, Ludhiana, Punjab		
Sampling Protocol	IS 5182, EL-MSP-7.3	Mode of Collection of Sample	Sample collected by Laboratory Mr. Bhajanpreet Singh
Period of Sampling	23/03/2026 - 24/03/2026	Date of Receipt of Sample	26/03/2026
Sampling Location	RMG Area	Period of Analysis	26/03/2026 - 03/04/2026
Standard/Specifications	National Ambient Air Quality: G.S.R.No.B-29016/20/90/PCI-L dated 18 Nov, 2009	Environmental Condition	Clear Sky
Testing Location	On Site & Permanent Facility		

RESULTS

1. Chemical Testing

I. Atmospheric Pollution (Ambient Air)

Sr.No	Test Parameter	Unit	Result	Standard	Test Method
1	Respirable Suspended Particulate Matter (PM10)	µg/m3	83	100(max.)	IS 5182 (Part 23)
2	Particulate Matter (PM2.5)	µg/m3	43	60(max.)	IS 5182 (Part 24)
3	Sulphur Dioxide as SO2	µg/m3	26	80(max.)	IS 5182 (Part 2)
4	Nitrogen Dioxide (NO2)	µg/m3	28	80(max.)	IS 5182 (Part 6)
5	Ammonia as NH3	µg/m3	23	400(max.)	IS 5182 (Part 25)
6	Ozone as O3	µg/m3	36	180(max.)	IS 5182 (Part 9)
7	Carbon Monoxide as CO	mg/m3	0.98	4(max.)	IS 5182 (Part 10) NDIR method
8	Lead (Pb)	µg/m3	BDL (0.004)	1.0(max.)	USEPA Method IO-3.5
9	Arsenic (As)	ng/m3	BDL (4)	6(max.)	USEPA Method IO-3.5
10	Nickel as Ni	ng/m3	BDL (4)	20(max.)	USEPA Method IO-3.5
11	Benzene as C6H6	µg/m3	BDL (2)	5(max.)	IS 5182 (Part 11)
12	Benzo Pyrene (BaP), Particulate Phase Only	ng/m3	BDL (0.3)	1(max.)	IS 5182 (Part 12)

Remarks : NA

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EL-FMT-7.8.2 -AA

Page No 1/2



TEST REPORT



TC-11818

ULR No : NA

Test Report No : NAAL260326NA004

Type of Sample # : Ambient Air


Date of reporting : 03/04/2026

End of Report

OTHER INFORMATION

Abbreviation & Symbol : # Information provided by customer. ULR: Unique Lab Report, BDL: Below Detection Level, NA: Not Applicable
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EL-FMT-7.8.2-AA

Page No.2/2



STP & ETP OCEMS connected with CCTV





Eco Paryavaran Laboratories & Consultants Pvt. Ltd.

TEST REPORT



ULR No : NA		Test Report No : NWWL120126NA058	
Type of Sample # : Effluent		Date of reporting : 20/01/2026	
Reference Type : Work Order No		Reference No : 4900234207 Dt.: 28/05/2025	
Customer Name #	Grasim Industries Ltd. (Birla Paints Division)		
Address #	Plot Nos. B 1 and D 02 P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dhanansu, Ludhiana, Punjab	Period of Sampling	09/01/2026 - 09/01/2026
Sampling Protocol	IS 17614 (Part 1), EL-MSP-7.3	Date of Receipt of Sample	12/01/2026
Sample Collection Mode	Sample collected by Laboratory Mr. Bhajanpreet Singh	Period of Analysis	12/01/2026 - 20/01/2026
Testing Location	On Site & Permanent Facility	Date of reporting	20/01/2026
Sampling Location	ETP Outlet (After RO)		
Sample Description	Colourless liquid.		
Standard/Specifications	Effluent Paint Industry : EPA 1986 S.No. 42		
Packing, Markings, Seal & Qty.	PE Bottles- 5+1 litre, Glass Bottles-2x1litre & PE Bottles-2x500ml		

RESULTS

1. Chemical Testing

I. Pollution & Environment (Effluent)

Sr.No	Test Parameter	Unit	Result	Standard	Test Method
1	Total Suspended Solids	mg/l	BDL (5)	100 max.	IS 3025 (Part 17)
2	pH @ 25°C	-	7.54	6.5-8.5	IS 3025 (Part 11)
3	Oil & Grease	mg/l	BDL (4)	10 (max.)	IS 3025 (Part 39)
4	Biochemical Oxygen Demand (BOD) 3 Days @27°C	mg/l	7.9	30 (max.)	IS 3025 (Part 44)
5	Chemical Oxygen Demand (COD)	mg/l	30	Not Specified	IS 3025 (Part 58)
6	Total Dissolved Solids	mg/l	126	Not Specified	IS 3025 (Part 16)
7	Effluents toxicity- Bioassay	-	More than 90% survival of fish after 96 hours in 100% effluent.	90% Survival of fish in 100% effluent in 96 hours	IS 6582

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EL-FMT-7.8.2-WW

Page No. 1/3

ECO BHAWAN E-207, Industrial Area, Phase VIII-B (Sector-74), Mohali (Punjab) 160051

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TEST REPORT



ULR No : NA		Test Report No : NWWL120126NA058			
Type of Sample # : Effluent		Date of reporting : 20/01/2026			
8	Phenolic Compounds as C6H5OH	mg/l	BDL (0.01)	1.0 (max.)	IS 3025 (Part 43/Sec-1) 4-Aminoantipyrine method with chloroform extraction
9	Lead as Pb	mg/l	BDL (0.001)	0.1 (max.)	USEPA 3015A & EPA method 200.8
10	Hexavalent Chromium as Cr6+	mg/l	BDL (0.03)	0.1 (max.)	IS 3025 (Part 52) Diphenylcarbazide Method (6)
11	Calcium as Ca	mg/l	4.6	Not Specified	IS 3025 (Part 40) EDTA Titrimetric Method
12	Chromium as Cr	mg/l	BDL (0.001)	2.0 (max.)	USEPA 3015A & EPA Method 200.8
13	Copper as Cu	mg/l	BDL (0.001)	2.0 (max.)	USEPA 3015A & EPA method 200.8
14	Nickel as Ni	mg/l	BDL (0.001)	2.0 (max.)	USEPA 3015A & EPA method 200.8
15	Zinc as Zn	mg/l	0.025	5.0 (max.)	USEPA 3015A & EPA method 200.8
16	Cadmium as Cd	mg/l	BDL (0.001)	Not Specified	USEPA 3015A & EPA method 200.8
17	Selenium as Se	mg/l	BDL (0.001)	Not Specified	USEPA 3015A & EPA method 200.8
18	Mercury as Hg	mg/l	BDL (0.001)	Not Specified	USEPA 3015A & EPA method 200.8
19	Arsenic as As	mg/l	BDL (0.001)	0.2 (max.)	USEPA 3015A & EPA method 200.8
20	Cobalt as Co	mg/l	BDL (0.001)	0.2 (max.)	USEPA 3015A & EPA method 200.8
21	Colour (Hazen Unit)	CU	BDL (1)	Not Specified	IS 3025 (Part 4)
22	Temperature	°C	24.3	Not Specified	IS 3025 (Part 9)
23	Total Residual Chlorine	mg/l	BDL (0.1)	Not Specified	APHA 24th Edition 4500G DPD Colorimetric Method
24	Chloride as Cl	mg/l	24	Not Specified	IS 3025 (Part 32), Argentometric method
25	Potassium as K	mg/l	3.4	Not Specified	IS 3025 (Part 45) Flame Photometric Method (5)
26	Magnesium as Mg	mg/l	2.4	Not Specified	IS 3025 (Part-46), Volumetric method by EDTA
27	Cyanide as CN	mg/l	BDL (0.1)	Not Specified	APHA 24th Edition 4500 E
28	Boron as B	mg/l	BDL (1.0)	Not Specified	IS 3025 (Part 57) ICPAES Method

Remarks : NA

End of Report

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EL-FMT-7.8.2-WW

Page No.2/3



TEST REPORT



ULR No : NA

Test Report No : NWWL120126NA058

Type of Sample # : Effluent

Date of reporting : 20/01/2026

OTHER INFORMATION

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Page No.3/3





Eco Paryavaran Laboratories & Consultants Pvt. Ltd.

TEST REPORT

ULR No : NA	Test Report No : NWWL120126NA058/A		
Type of Sample # : Effluent	Date of reporting : 20/01/2026		
Reference Type : Work Order No	Reference No : 4900234207 Dt.: 28/05/2025		
Customer Name #	Grasim Industries Ltd. (Birla Paints Division)		
Address #	Plot Nos. B 1 and D 02 P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dhanansu, Ludhiana, Punjab	Period of Sampling	09/01/2026 - 09/01/2026
Sampling Protocol	IS 17614 (Part 1), EL-MSP-7.3	Date of Receipt of Sample	12/01/2026
Sample Collection Mode	Sample collected by Laboratory Mr. Bhajanpreet Singh	Period of Analysis	12/01/2026 - 20/01/2026
Testing Location	On Site & Permanent Facility	Date of reporting	20/01/2026
Sampling Location	ETP Outlet (After RO)		
Sample Description	Colourless liquid.		
Standard/Specifications	Effluent Paint Industry : EPA 1986 S.No. 42		
Packing, Markings, Seal & Qty.	PE Bottles- 5+1 litre, Glass Bottles-2x1litre & PE Bottles-2x500ml		

RESULTS

1. Chemical Testing

1. Pollution & Environment (Effluent)

Sr.No	Test Parameter	Unit	Result	Standard	Test Method
1	Iron as Fe	mg/l	0.009	Not Specified	USEPA 3015A
2	Total Heavy Metals	mg/l	0.034	7.0 (max.)	By Calculation

Remarks : NA

End of Report

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Page No. 1/1



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TEST REPORT



ULR No : NA		Test Report No : NANL260326NA006	
Type of Sample # : Ambient Noise		Date of reporting : 03/04/2026	
Reference Type : Work Order No		Reference No : 4900234207 Dt.: 28/05/2025	
Customer Name #	Grasim Industries Ltd. (Birla Paints Division)		
Address #	Plot Nos. B 1 and D 02 P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dhanansu, Ludhiana, Punjab		
Sampling Protocol	IS 9989, EL-MSP-7.3	Mode of Collection of Sample	Sample collected by Laboratory Mr. Bhajanpreet Singh
Period of Sampling	24/03/2026 - 25/03/2026	Date of Receipt of Sample	26/03/2026
Sampling Location	Refer Below	Period of Analysis	01/04/2026 - 02/04/2026
Standard/Specifications	EPA 1986 Schedule-III	Environmental Condition	-
Testing Location	On Site & Permanent Facility		

RESULTS

I. Chemical Testing

1. Atmospheric Pollution(Ambient Noise Levels)

Sr.No	Location	Unit	Result (Day)	Result (Night)	Test Method
1	Near QA Lab	dB(A)	59.4	47.6	EL-QTM-11
2	Near EB	dB(A)	61.3	49.0	EL-QTM-11
3	Near Admin	dB(A)	59.7	47.6	EL-QTM-11
4	Near Reservoir	dB(A)	54.9	39.8	EL-QTM-11
5	STF Area	dB(A)	57.1	39.9	EL-QTM-11

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

Area Code	Category of Area/Zone	Limits in dB(A) Leq* Day Time	Limits in dB(A) Leq* Night Time
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

Day time shall mean from 6.00 a.m. to 10.00 p.m., Night time shall mean from 10.00 p.m. to 6.00 a.m., Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority. *dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale 'A' which is relatable to human hearing

Remarks : NA

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Authorized Signatory- Chemical

EL-FMT-7.8.2-AN

Page No 1/2



TEST REPORT



ULR No : NA

Test Report No : NANL260326NA006

Type of Sample # : Ambient Noise

Date of reporting : 03/04/2026

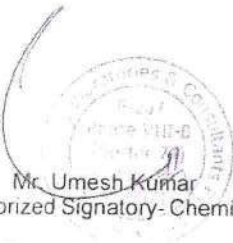
End of Report

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Page No.2/2





TEST REPORT



ULR No : NA	Test Report No : NANL260326NA007		
Type of Sample # : Ambient Noise	Date of reporting : 03/04/2026		
Reference Type : Work Order No	Reference No : 4900234207 Dt.: 28/05/2025		
Customer Name #	Grasim Industries Ltd. (Birla Paints Division)		
Address #	Plot Nos. B 1 and D 02 P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dhanansu, Ludhiana, Punjab		
Sampling Protocol	IS 9989, EL-MSP-7.3	Mode of Collection of Sample	Sample collected by Laboratory Mr. Bhajanpreet Singh
Period of Sampling	25/03/2026 - 26/03/2026	Date of Receipt of Sample	26/03/2026
Sampling Location	Refer Below	Period of Analysis	01/04/2026 - 02/04/2026
Standard/Specifications	EPA 1986 Schedule-III	Environmental Condition	-
Testing Location	On Site & Permanent Facility		

RESULTS

I. Chemical Testing

1. Atmospheric Pollution(Ambient Noise Levels)

Sr.No	Location	Unit	Result (Day)	Result (Night)	Test Method
1	Near RM Gate	dB(A)	64.5	48.7	EL-QTM-11
2	WTP Area	dB(A)	53.2	40.5	EL-QTM-11
3	Switch Yard	dB(A)	49.6	39.7	EL-QTM-11
4	FG Gate Area	dB(A)	63.2	46.9	EL-QTM-11
5	Near WPB	dB(A)	57.6	43.5	EL-QTM-11

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

Area Code	Category of Area/Zone	Limits in dB(A) Leq* Day Time	Limits in dB(A) Leq* Night Time
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

Day time shall mean from 6.00 a.m. to 10.00 p.m., Night time shall mean from 10.00 p.m. to 6.00 a.m., Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority, Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority. *dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale 'A' which is relatable to human hearing

Remarks : NA

Mr. Umesh Kumar
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EL-FMT-7 8.2-AN

Page No.1/2



ECO BHAWAN E-207, Industrial Area, Phase VIII-B (Sector-74), Mohali (Punjab) 160071

TEST REPORT



ULR No : NA

Test Report No : NANL260326NA007

Type of Sample # : Ambient Noise

Date of reporting : 03/04/2026

End of Report

OTHER INFORMATION

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EL-FMT-7.8.2-AN

Page No.2/2





TEST REPORT



ULR No : NA		Test Report No : NANL260326NA005	
Type of Sample # : Ambient Noise		Date of reporting : 03/04/2026	
Reference Type : Work Order No		Reference No : 4900234207 Dt.: 28/05/2025	
Customer Name #	Grasim Industries Ltd. (Birla Paints Division)		
Address #	Plot Nos. B 1 and D 02 P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dhanansu, Ludhiana, Punjab		
Sampling Protocol	IS 9989, EL-MSP-7.3	Mode of Collection of Sample	Sample collected by Laboratory Mr. Bhajanpreet Singh
Period of Sampling	23/03/2026 - 24/03/2026	Date of Receipt of Sample	26/03/2026
Sampling Location	Refer Below	Period of Analysis	01/04/2026 - 02/04/2026
Standard/Specifications	EPA 1986 Schedule-III	Environmental Condition	-
Testing Location	On Site & Permanent Facility		

RESULTS

I. Chemical Testing

1. Atmospheric Pollution(Ambient Noise Levels)

Sr.No	Location	Unit	Result (Day)	Result (Night)	Test Method
1	Check in Office (Green Belt Area)	dB(A)	68.4	56.6	EL-QTM-11
2	Near PMG	dB(A)	62.0	51.4	EL-QTM-11
3	Near ETP	dB(A)	69.2	60.7	EL-QTM-11
4	FG Parking (Green Belt Area)	dB(A)	66.6	56.1	EL-QTM-11
5	RMG (Green Belt Area)	dB(A)	65.2	52.6	EL-QTM-11

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

Area Code	Category of Area/Zone	Limits in dB(A) Leq* Day Time	Limits in dB(A) Leq* Night Time
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

Day time shall mean from 6.00 a.m. to 10.00 p.m., Night time shall mean from 10.00 p.m. to 6.00 a.m., Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority, Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority, *dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale 'A' which is relatable to human hearing

Remarks : NA

Mr. Umesh Kumar
Authorized Signatory- Chemical

EL-FMT-7.8.2-AN

Page No.1/2



ECO BHAWAN E-207, Industrial Area, Phase VIII-B (Sector-74), Mohali (Punjab) 160071

TEST REPORT



ULR No : NA

Test Report No : NANL260326NA005

Type of Sample # : Ambient Noise

Date of reporting : 03/04/2026

End of Report

OTHER INFORMATION

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e-Stamp

Certificate No. : IN-PB48154507762529V
Certificate Issued Date : 09-Oct-2023 10:46 AM
Certificate Issued By : pbbalknru
Account Reference : NEWIMPACC (SV)/ pb7092104/ LUDHIANA/ PB-LD
Unique Doc. Reference : SUBIN-PBP8709210497701679853130V
Purchased by : NARESH KUMAR
Description of Document : Article-5-Agreement or Memorandum of an Agreement
Property Description : Not Applicable
Area of Property : Not Applicable
Consideration Price (Rs.) : 0
(Zero)
First Party : GRASIM INDUSTRIES LIMITED
Second Party : SHREE CEMENT
Stamp Duty Paid By : GRASIM INDUSTRIES LIMITED
Stamp Duty Amount(Rs.) : 500
(Five Hundred only)
Social Infrastructure Cess(Rs.) : 0
(Zero)
Total Stamp Duty Amount(Rs.) : 500
(Five Hundred only)




GRASIM INDUSTRIES LIMITED
(Birla Paints Division)
Plot Nos. B-1 & D-02(P), Hi-Tech Valley,
Village: Dhananenu, District: Ludhiana. (Pb)-141112



IRID

0015842505



5	Process wastes, residues & sludges	21.1	90
6	Wastes or residues such as filter aid	23.1	68
7	Chemical-containing residue arising from decontamination.	33.1	19
8	Exhaust Air or Gas cleaning residue	35.1	4
9	Spent ion exchange resin containing toxic metals	35.2	8
10	Chemical sludge from wastewater treatment	35.3	150
11	Oil and grease skimming	35.4	10
12	Spent Carbon	36.2	7.5

NOW THE DEED THEREFORE THOSE PRESENT WITNESSETH AND IT IS HEREBY DECLARED AND AGREED BY AND BETWEEN THE PARTIES HERE TO AS FOLLOWS:

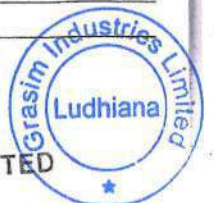
1. To co-process the Hazardous Waste generated at **GIL-BPD** in safe way at SCL (Shree Cement Ltd) kilns, **GIL-BPD** shall share all information necessary to handle and store wastes safely.
2. **GIL-BPD** shall provide Material Safety Data Sheet (MSDS) and manifest form during the delivery of each consignment to SCL.
3. **SCL** will arrange the vehicle for transportations as and when required basis as per norms of the pollution board and applicable rules and laws. **GIL-BPD** will inform the details of waste and quantum available to SCL at least before four (4) days of dispatch. However, for regular working, frequency can be decided on quarterly/monthly basis.
4. **GIL-BPD** shall be responsible for loading and safe handling of the hazardous Waste. Title and risk to Hazardous waste shall stand transferred on loading of hazardous waste on the vehicle.
5. **GIL-BPD and SCL** shall take all the necessary clearances required from state environment authorities to transport and disposal the material for co-processing.
6. **SCL and GIL-BPD** shall keep all shared information / documents confidential related to the proposal.
7. **GIL-BPD** shall pack the hazardous waste as per the provisions of Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016, and the rules made by the Central Government under the Motor Vehicle Act, 1988 and other guidelines issued from time to time. Such packaging shall be able to with stand extreme physical and climatic conditions.
8. **GIL-BPD** shall try to provide the material being transported to **SCL Ras & Beawar site** must not exceed the parameters mentioned as under (to avoid disturbance in kiln).

S. No	Parameters	Limit
1	Surface moisture in Solid Waste	< 40%
2	Chloride Content in both Liquid & Solid Waste	< 3%
3	Qty.	



[Handwritten Signature]

GRASIM INDUSTRIES LIMITED
 (Birla Paints Division)
 Plot Nos. B-1 & D-02(P), Hi-Tech Valley,
 Village: Dhanansu, District: Ludhiana. (Pb)-141112

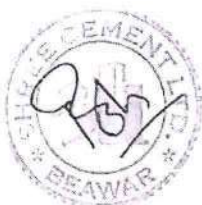


- d) **GIL-BPD** shall intimate the quantity, waste category, nature of waste to State Pollution Control Board after handing over the hazardous waste to the transporter as per manifest system (Form-10) shown below.

Copy Number with colour code	Purpose
Copy-1 (White)	To be forwarded by the sender to the State Pollution Control Board after signing all the seven copies.
Copy-2 (Yellow)	To be retained by the sender after taking signature on it from the transporter and the rest of the five signed copies to be carried by the transporter.
Copy-3 (Pink)	To be retained by the receiver (actual Co-Processor or treatment storage and disposal facility operator) after receiving the waste and the remaining four copies are to be duly signed by the receiver.
Copy-4 (Orange)	To be handed over to the transporter by the receiver after accepting waste.
Copy-5 (Green)	To be sent by the receiver to the State Pollution Control Board.
Copy-6 (Blue)	To be sent by the receiver to the sender.
Copy-7 (Grey)	To be sent by the receiver to the State Pollution Control Board of the sender in case the sender is in another State.

- e) **GIL-BPD** shall forward **Form 10** (Manifest Copy - White) to State Pollution Control Board after handling over the hazardous waste to the transporter as per authorisation condition.
- f) **GIL-BPD** shall keep **Form 10** (Manifest Copy - Yellow) after taking signature on it from the transporter.
- g) **GIL-BPD** shall handover Form 10 (Manifest) Copy – 3 to 7 (Pink, Orange, Green, Blue, and Grey) to transporter on behalf of SCL otherwise SCL will not accept the waste generated from **GIL-BPD**.
- h) Transporter shall submit copies 3 to 7 of the manifest duly signed with date to SCL (Operator of the facility) along with the waste consignment.
- i) **SCL** on completion of the co-processing of the hazardous waste shall forward copy 5 (Green) to CPCB and copy 6 (Blue) to **GIL-BPD** and the copy 3 (pink) shall be retained by the SCL (operator of the facility).
- j) **GIL-BPD** & **SCL** will adhere in stringent manner to the conditions issued in Hazardous Waste Authorizations/ Transportation Authorization for Co-processing of Hazardous waste by CPCB from time to time.

12. **Commercial Terms & Conditions:** - **Commercials & Co-processing charges will be as per decided terms of Annexure-B attached herewith and part of the agreement.**



[Handwritten Signature]


GRASIM INDUSTRIES LIMITED ★
 (Birla Paints Division)
 Plot Nos. B-1 & D-02(P), Hi-Tech Valley,
 Village: Dhanansu, District: Ludhiana. (Pb)-141112



and all prior Agreements or arrangements, if any, in this behalf, by and between the parties hereto.

20. Nothing contained herein shall be deemed to constitute a partnership, joint venture or agency by and between the parties hereto.
21. This Agreement may be modified or amended only by writing, duly executed by or on behalf of the parties hereto.
22. Any terms and conditions of this Agreement may be waived at any time by the party that is entitled to the benefit thereof. Such waiver must be in writing and must be executed by an authorized officer of such party. A waiver on one occasion will not be deemed to be a waiver of the same or any other breach or non-fulfilment on a future occasion.
23. In the event SCL required to comply with any additional statutory regulations and guidelines framed by the concerned authorities or Government Agency relating to emission monitoring for demonstrating the performance of Co-processing of the Waste Material at SCL's Plant pursuant to the Agreement, the same shall be complied, the Co-processing charges will be revised reasonably on mutually agreed basis in advance and shall be borne by **GIL-BPD**.
24. In the event that any provisions of this Agreement is held to be illegal, invalid or unenforceable under any present or future law such provisions shall be deemed terminable and the remaining parts & provisions of this Agreement shall remain in full force & effect.
25. **Term:** This agreement is valid for **One years (i.e., from 23rd November 2023 to 23rd November 2024)**. However, the agreement can be extended for further years by mutual consent & revised terms & condition agreed between both parties. Either party may terminate this agreement upon 60 days' prior notice to the other. Either party reserves the right to suspend or terminate this Agreement in the event of the other party committing any breach/violation of the condition of the present Agreement or any provision of applicable law or regulation for the time being in force. Both the Parties hereto agree that the present agreement shall automatically come to an end if the authorization granted by respective Pollution Board, to perform this agreement is revoked or terminated.
26. **Jurisdiction:** In case of any dispute or difference whatsoever arising between parties out of or in relation to construction, meaning, scope, operation or effect of the contract or validity or breach thereof including nullity of contract, parties shall make a good faith effort to amicably resolve such disputes. In the event of any dispute arising out of this agreement, Ras, Beawar Rajasthan shall have the sole jurisdiction in the matter. Any dispute arising on any clause or clauses of this Agreement and the contents of the Annexure, remaining unresolved hereto between the parties shall be referred to Arbitration. The Arbitration shall be governed by and conducted in accordance with the provisions of the Arbitration and Conciliation Act, 1996 or as amended. The arbitral award shall be final and binding upon both parties. The seat and venue of arbitration will be Bangalore.




GRASIM INDUSTRIES LIMITED
(Birla Paints Division)
Plot Nos. B-1 & D-02(P), Hi-Tech Valley,
Village: Dhanansu, District: Ludhiana, (Ph) 141112



Annexure A

List of Banned Items

The Hazardous Waste dispatched by GIL-BPD shall not contain following items that are listed as banned items for Co-processing.

- Anatomical Hospital Wastes (Bio-medical waste)
- Asbestos-containing Wastes
- Bio-hazardous Wastes
- Electronic Scrap
- Entire Batteries
- Explosives
- High-concentration Cyanide Wastes
- Mineral Acids
- Radioactive Wastes
- Unsorted Municipal Garbage


GRASIM INDUSTRIES LIMITED
(Birla Paints Division)
Plot Nos. B-1 & D-02(P), Hi-Tech Valley,
Village: Dhanansu, District Ludhiana. (Pb)-141112



responsible for the costs of any demurrage or detention charges due to delay in loading for more than 24 hours. The detention charges will be Rs 4000/- per day for each day delay after 24 hours.

9. Loading & proper packaging would be in scope of **Grasim Industries Ltd. - Birla Paint Division.**

10. **Agreement validity-** One Year (i.e., from 24th November 2023 to 23rd November 2024).

23rd
Shri

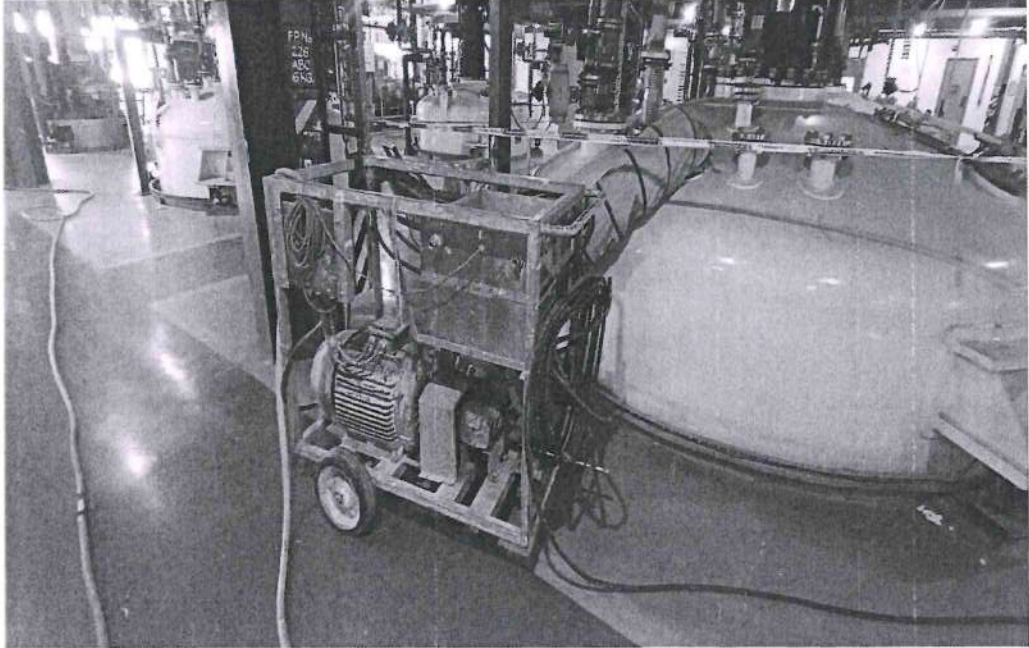
29th
Shri



GRASIM INDUSTRIES LIMITED
(Birla Paints Division)
Plot Nos. B-1 & D-02(P), Hi-Tech Valley,
Village: Dhanansu, District: Ludhiana. (Pb)-141112



High Pressure Jet Gun Cleaning Machine



Total Area for Green Belt:

Size: 81,971 square meters.

Percentage of Project Area: 33%.

As Per EC conditions Planting Specifications:

Indigenous Tree Species: At least 75% of the Green Belt area should be planted with indigenous, preferably broad-leaved tree species.

Other Planting: The remaining area can be greened with a mix of ornamental trees, medicinal/ornamental plants, shrubs, grasses, etc.

Height of Saplings: Saplings should be at least 6 feet tall at the time of planting.

Total Saplings: Total of 12,300 saplings have been planted as per EC compliance.

Tree Plantation: Along the entire periphery of the plant, we have strategically planted already grown trees that are two to three years old, height of eight to ten feet.

Diverse Tree Species: Our selection of trees includes a diverse range of species such as **Kachnar, Pilkhan, Maulsiri, Gulmohar, Goolar, Putranjiva, Arjun, Behada, Jamun, Silver Oak, Spathodea, Chakresia, Kadamb** and more.

Landscaping of Green Belt pockets: We have plantaed extensive landscaping, featuring a lush green lawn with Korean carpet grass, Loose Korean grass, Selection one grass and hedges like **Kaner, Hamelia, Hibiscus, jasmine, Chandni dwarf, Gardenia, Roses, Ixora, Ficus, Salvia, Marigold, Tecoma Gaudi Chaudi & Inermi** etc. We have also introduced a variety of floral species, including decorative plants, palm trees, and a diverse selection of flowering species etc.

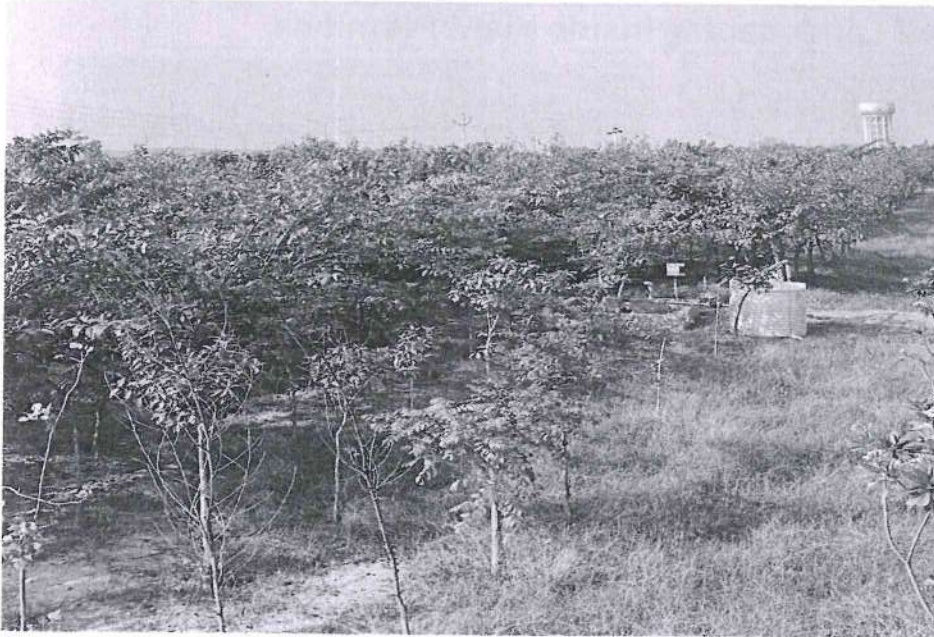
Additional Plant Varieties: In addition to trees, we have introduced **Furcareia, Largetonia, Conacarpus, Pulmerea Alba, Bottle Brush, Cassia Fistula, Jacaranda, Areca Palm, Ashok, Bamboo, Buddha Valley, Terminalia, Bismarkia, and Bottle Palm.**



Green Belt Plantation			
S.no.	Plants	Unit	Total
	Canopy Trees (Along the Boundary wall), Silver Oak, Golmohar, Spathodia, Chinaberry, Chakresia, Gular, Erythrina, Mahogani, Jamun, Kadamb, Simbul, Pilikhan	EA	9841
1	Simbul, Pilikhan	EA	9841
2	BOTTLE PALM 15 FEET HIGH	EA	82
3	TERMANALIA MANTALY	EA	24
4	LARGESTOMIA INDICA (10'-0" TO 12'-0" HT)	EA	24
5	JACRANDA (12'-0" HT)	EA	62
6	ASHOKA (8'-0" TO 10'-0" HT)	EA	79
7	PUTREJIVA	EA	30
8	ARJUN	EA	30
9	BEL	EA	1
10	DATE PALM	EA	3
11	MANGO	EA	50
12	LEMON DWARF	EA	2
13	NEEM	EA	18
14	AMLA	EA	3
15	KADAMB	EA	435
16	Ficus Infectoria (pilikhan)	EA	50
17	Silver oak	EA	50
18	Phonix palm	EA	26
19	Bheda	EA	30
20	Neem	EA	15
21	kachnar	EA	28
22	Mango (magneferlia indica)	EA	88
23	Alestonia	EA	53
24	Gulmohar	EA	8
25	CASSIA FISHTULA	EA	33
26	BISMARKIA PALM	EA	2
27	KANER (NERIUM OLEANDER)	EA	4,363.00
28	GOLDEN BOTTLE BRUSH TOPIARY	EA	23
29	CYPRESS DWARF	EA	14
30	BAMBOO BUDDHA (8 FEET TO 10	EA	244
31	ARECA PALM (4'-0" TO 5'-0")	EA	25

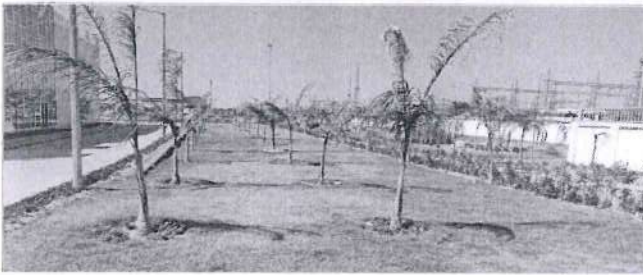
32	PHONIX PALM	EA	19
33	FURCAREA	EA	20
34	CONOCARPUS 10 FEET	EA	475
35	SPIDER LILLY	EA	200
36	Standkamini(18 inch dia)	EA	6
37	plumeria Alba	EA	400
38	Bombax Cebia	EA	50
39	Furcarea	EA	34
40	Cycus Revoluta	EA	16
41	FICUS PANDA	EA	29
42	Ficus	EA	200
	shrubs		
43	cleodonderdran inermi	Sqft	6,870.50
44	Hamellia patterns Dwarf	Sqft	2,024.00
45	Chandani Dwarf sqft	Sqft	445
46	Ticoma Stans(Ticoma Gaudi Chaudi)	Sqft	210
47	Wadellia Tribolta	Sqft	208.52
48	Pitonia	Sqft	45
49	Boungenvelliea (3 colours)	Sqft	135
50	Budded Rose	Sqft	96
51	Gardenia Dwarf	Sqft	24
52	Exora	Sqft	24
53	Euphorbia Milli	Sqft	24
54	Mogra	Sqft	24
55	Madhukamni scented	Sqft	24
56	Marigold	Sqft	45
57	Salvia	Sqft	24
58	Dianthus	Sqft	24
59	Habiscus Dwarf(4 colours)	Sqft	144





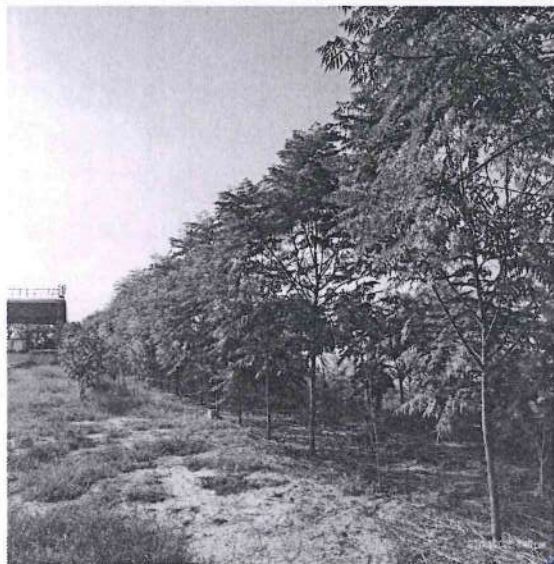
Green Belt Development as Per EC

Green Belt Landscaping Inside plant Premises

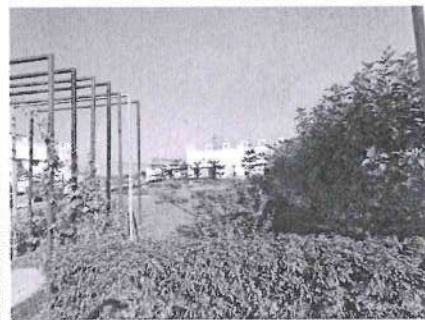
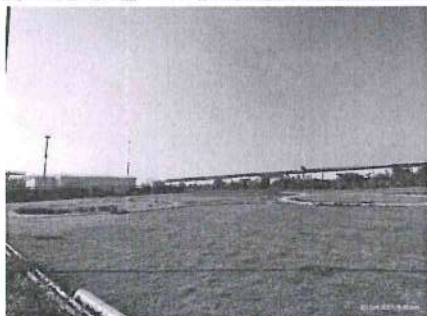


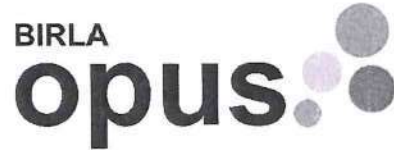
Green Belt Development as Per EC

Periphery Plantation around the Boundary Wall



Green Belt Development as Per EC





ENVIRONMENT POLICY

Grasim Industries Limited-Birla Paints Division recognises that effective management of environmental impacts is a fundamental part of our business. We shall strive to integrate sound environmental practises across our management and governance systems to minimize environmental impacts and attain a leadership position in environmental stewardship.

Birla Paints shall endeavour to:

- Maintain positive legal compliance to environmental regulations and committed to go beyond the statutory requirements and adopt stringent standards.
- Adoption and application of state of art technology and improvement through manufacturing process to minimise the environmental impact of our operations.
- Take initiatives towards efficient use of natural resources and energy; reduction and prevention of pollution; and promoting waste avoidance and recycling measures in line with internationally disseminated technologies and practices.
- Make continuous efforts to minimize freshwater consumption by increasing the use of harvested or recycled water in our operations across all Manufacturing Facilities and contributing towards becoming water positive.
- Raise environmental awareness through participation and consultation at all levels of our operations, through training and effective communication.
- Influence our contractors and suppliers to adopt our environmental policy, principles, and practices, and encourage appropriate environmental management across the supply chain.
- Continually improve environmental performance by strengthening the Environmental Management System conforming to national /international standards, including setting up and reviewing targets and measuring, monitoring, and reporting their progress.
- Monitor, measure, report the progress, performance of environmental conservation and management initiatives in compliance with internationally recognized protocols and communicate approach and achievements to relevant stakeholders.

This policy will be reviewed periodically for its suitability and updated as necessary.

Rakshit Hargave
Chief Executive Officer

Date:7th December 2023



EMP Status_Grasim Industries Limited							
Sr. No.	Head	Approx. Capital Cost	Approx. Recurring Cost per annum (₹ Cr)	Indicative Basis for Cost Estimate	Capital Expenditure (Sept. 2025)_Status	Recurring cost (April 2025- Sept. 2025)(₹ Cr)	Status
1	Air Emission	13	0.3	Installation of dust collector, scrubber, fume extraction system, adequate stack, CEMS; Recurring: stack monitoring & maintenance	Completed	0.05	
2	Water & Wastewater Management	24.5	1.42	ETP, STP, manpower, chemicals, CEMS, rainwater harvesting; Recurring: ETP inlet/outlet sampling reports	Completed	0.6	
3	Noise Management	0.3	0.02	Acoustic enclosure; Recurring: monitoring & maintenance	Completed	0.015	No equipment with high noise, acoustic already applied during project
4	Solid Hazardous Waste Management	5.5	0.7	TSDF membership, storage area; Recurring: transportation cost	Completed	0.35	
5	Green Belt	3.5	0.3	Green belt development; Recurring: maintenance	Completed	0.15	
6	CER Activities	9.1	-	Detailed plan submitted within 6 months	Completed		7.33 cr spent till date
7	Renewable Energy Initiative	1	0.02	Solar street lights and solar water heaters	Completed		All office are provided with LED light.
8	Occupational Health	0.8	0.08	Health care center, ambulance; Recurring: annual health check-up and workplace monitoring	Completed	0.04	
9	Fire & Safety	25.64	0.2	Fire hydrant, sprinkler network, detectors, alarms, fire tender, PPE, emergency devices	Completed	0.1	





The Tribune (English)

Grasim Industries Limited
 Integrated Paint Manufacturing Unit at
 Plot No. B-1, D-62 (P),
 Hi-Tech Valley, Village Dhanansu,
 Dist. Ludhiana, State Punjab.

**NOTICE OF ENVIRONMENTAL CLEARANCE BY
 SEIAA, PUNJAB FOR INTEGRATED PAINT
 MANUFACTURING UNIT IN PLOT NO. B-1, D-62 (P),
 HI-TECH VALLEY, VILLAGE DHANANSU &
 DISTRICT LUDHIANA, STATE PUNJAB**

Notice is hereby given, to all concerned & public at large, that the Integrated Paint Manufacturing Unit at Plot No. B-1, D-62 (P), Hi-Tech Valley, Village Dhanansu, Dist. Ludhiana, State Punjab has been accorded Environmental Clearance from State Level Environment Impact Assessment Authority, Punjab vide its Letter of Clearance No. EC228023PB139111 dated 19th January 2022. The copy of the said clearance letter is available at the corporate office of the Organisation and at the office of State Level Environment Impact Assessment Authority (SEIAA), Punjab, and may also be seen at the website of the MoEF&CC i.e. <http://seiaainformationclearance.nic.in>.

20/1/2022

In English



Ref: Grasim/LDH/EHS/2025/19

Date: 29/09/2025

To,
The Environment Engineer
Punjab Pollution Control Board (PPCB)
Regional Office-1, Phase V, Focal Point
Ludhiana, 141010, Punjab

Subject: Submission of Form V "Environment Statement" for FY 24-25 w.r.t our integrated paint manufacturing plant, Ludhiana.

Dear Sir,

With the reference of above subject, please find enclosed the Annual Environment Statement, Form-V in accordance with section 14 in the Environmental Protection Act 1986.

We request you to accept the same and kindly acknowledge the receipt of the document.

Thanking you,
Sincerely,
For M/s Grasim Industries Limited


(Authorized Signatory)
Grasim Industries Limited
Ludhiana

PPCB R.O.-1
RECEIVED
DAK
LUDHIANA
29/9/2025

Enclosed: Annexure: Environment Statement "Form-V"

Copy of Kind Information to:

Member Secretary Office, Head office, Vatavaran Bhawan, Nabha Road, Patiala,
Punjab.

Grasim Industries Limited (Birla Paints Division)
Site Address: Plot No.B-1, D-02 (P), Hi Tech Valley, Dhanansu, Ludhiana - 141112
Head Office: 9th Floor, Birla Centurion, Pandurang Budhkar Marg, Worli, Mumbai-400 030 India
| T: +91 22 6854 0444
Registered Office: PO Birlagram, Nagda, Dist Ujjain, Madhya Pradesh - 456 331, India
T: +91 (07366) 246760 - 66 | W: www.grasim.com | CIN: L17124MP1947PLC000410

Grasim Industries Limited
Ludhiana

