



Ref: Grasim/LDH/EHS/2023/27

Date: 30/11/2023

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

Subject: 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 1st April 2023 to 30th September 2023 to your good office.

Please find the enclosed report for your perusal. We request you to kindly acknowledge the receipt of the same.

Thanking you,
Sincerely,
For Grasim Industries Limited

(Authorized Signatory)

Copy To:

✓ Regional Office, Punjab Pollution Control Board, Ludhiana

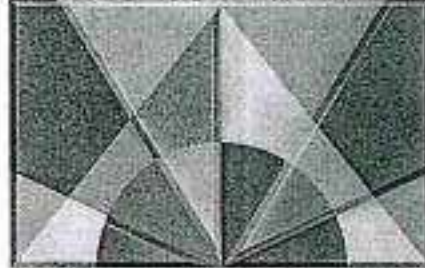
Recd by
Mamlesh
30/11/23

Recd
30/11/23

Grasim Industries Limited
(Birla Paints Division)

Site Address : Plot No. A-01 & D-02, High Tech Cycle Valley, Dhanansu, Ludhiana - 141 02, Punjab
W : www.adityabirla.com

ADITYA BIRLA



GRASIM

ENVIRONMENTAL CLEARANCE SIX MONTHLY COMPLIANCE REPORT

EC Identification No.	EC22B023PB139111
File No.	SEIAA/PB/IND/2021/EC/22
Project/ Activity including Schedule No.	5(h) Integrated Paint Industry
Name of Project	Integrated Paint Manufacturing Unit in Plot No. B-1, D-02 (P), Hi-Tech Valley, Village Dhanansu, Dist. Ludhiana, State Punjab.
Name of Company/ Organization	Grasim Industries Limited (Paints Division)
Location of Project	Punjab

Environmental Clearance Conditions Compliance

Sr No	Head	Description	Compliance	Annexures
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, if applicable.	Not Applicable	Nil
2		The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not Applicable	Nil
3		The project proponent shall prepare a Site-Specific Conservation Plan & 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).	Not Applicable	Nil
4		The project proponent shall obtain Consent to Establish/ Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the Punjab Pollution Control Board.	CTE Received & CTO Air & Water Received	Enclosed as Annexure - 1a,1b,1c & 1d
5		The project proponent shall obtain necessary permission from the Central Ground Water Authority/ Punjab Water Regulation & 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.	NOC from PWRDA Received.	Enclosed as Annexure -2



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6		The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	Hazardous Waste Authorization from PPCB Received.	Enclosed as Annexure -3
7		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.	Authorization under Bio Medical Waste has been applied.	Application Enclosed as Annexure-4
8		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.	Being Complied Onsite Emergency Plan, Sch 7 & 8 submitted to Authority	Onsite Emergency Plan Sch7 & 8 Enclosed as Annexure-5a,5b & 5c
9		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&CC for such category of units.	This is Noted for Compliance	Nil
10		The project proponent shall comply with the CLU conditions imposed by the competent authority, if any.	This is Noted for Compliance	Nil
1	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 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.	Continuous Emission monitoring system installed at Boiler & Dust Collector Stacks	Nil
2		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.	This is Noted for Compliance	Nil

3	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° each), covering upwind and downwind directions.	Environmental Monitoring (Ambient Air Quality Monitoring) is being conducted at site on weekly basis. AAQM report enclosed	Enclosed as Annexure - 6
4	To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.	Complied Stack Height as per CPCB guideline provided.	Enclosed Annexure-7
5	Raw materials, coal etc shall either be stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	Being Complied	Nil
6	Appropriate Air Pollution Control (APC) system shall be provided for all the dust-generating points including fugitive dust from all vulnerable sources.	Being Complied	Enclosed Annexure-7
7	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	This is Noted for Compliance	Nil
8	Sufficient number of mobile and stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, etc. regularly.	Being Complied	Nil
9	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.	Being Complied	Nil
10	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.	Being Complied	Nil

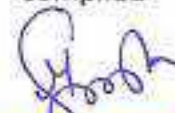
11		The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.	Being Complied	Nil
1	Water Quality Monitoring and Preservation	The project proponent will provide 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).	This is Noted for Compliance	Nil
2		As committed by the project proponent, Zero Liquid Discharge shall be ensured, and no waste/treated water shall be discharged outside the premises.	Being Complied	Nil
3		The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever of the two is more stringent.	This is Noted for Compliance	Nil
4		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 authority/CGWA in this regard.	NOC from PWRDA Received.	Enclosed as Annexure -2
5		Process effluent/any wastewater shall not be allowed to mix with storm water.	This is Noted for Compliance	Nil
6		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.	This is Noted for Compliance	Nil
7		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.	Environmental Monitoring (GW Quality Monitoring) is being conducted for the borewell water.	Report Enclosed as Annexure - 8

8		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 & MEE ATFD to treat the industrial effluents generated from its processes.	Being Complied	Nil
9		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.	Being Complied	Nil
1	Noise Monitoring and Prevention	Acoustic enclosure shall be provided for DG sets for controlling the noise pollution.	Being Complied	Nil
2		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.	Being Complied	Nil
3		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&CC as a part of the six-monthly compliance reports.	Environmental Monitoring (Noise Level Monitoring) for construction phase is ongoing	Report Enclosed as Annexure -9
4		The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during daytime and 70 dB(A) during night time.	Environmental Monitoring (Noise Level Monitoring) for construction phase is being conducted	Enclosed as Annexure -9
1	Energy Conservation 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.	This is Noted for Compliance	Nil
2		The project proponent shall provide LED lights in their offices and residential areas.	Being Complied	Nil

1	Waste Management	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided wherever required.	This is Noted for Compliance	Nil
2		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.	This is Noted for Compliance	Nil
3		The company shall undertake waste minimization measures as below: a. Metering and control of quantities of active ingredients to minimize waste. b. Reuse of by-products from the 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.	This is Noted for Compliance	Nil
4		Use of high-pressure hoses for cleaning of equipment to reduce wastewater generation.	This is Noted for Compliance	Nil
5		The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.	This is Noted for Compliance	Nil
6		Kitchen waste shall be composted or converted to biogas for further use.	This is Noted for Compliance	Nil
1	Green Belt	An area of 81971 Sqm (equal to 33% of the project area) shall be developed as "Green Belt" area. At least 75% 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	4650 Nos of plant has been planted till date. Further Plantation is in progress.	Nil

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		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 minimised.		
1	Public Hearing and Human Health Issues	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.	Available and the same was a part of EIA report.	ERP submitted to DISH, Enclosed as Annexure 5a
2		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).	Being Complied	Nil
3		The project proponent shall provide Personal Protection Equipment (PPE) as per the norms provided under the Factory Act.	Noted Adequate & standardized PPE have been provided to all workers.	Nil
4		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.	Being Complied	Nil
5		Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the construction phase of the project.	Complied 	Nil

6		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.	This is Noted for Compliance	Nil
7		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.	This is Noted for Compliance	Nil
1	Environment Management Plan	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&CC/SEIAA as a part of the six-monthly compliance report.	Being Complied & available at organization's website	Enclosed as Annexure-10
2		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.	Noted for Compliance & Proposed structure with qualified environmental professional shared during EC grant process	Enclosed as Annexure-11
3		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	Noted for compliance and details submitted during EC grant process	Enclosed as Annexure 12a, 12b & 12c

		and Rs 2.76 Cr. towards recurring cost (including CER activities) for the implementation of EMP proposed by them as under: (Page No. 13)		
1	Validity	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.	This is Noted for Compliance	Nil
1	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 granted to the Project shall also be displayed in the project proponent's website permanently.	Advertising in two local newspapers has been done & the same has been displayed on the organizations website	Enclosed as Annexure – 13a (English) & 13b (Punjabi)
2		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.	Copy of the EC has been displayed in the notice boards of the local authorities including gram panchayat office & district administration office	Enclosed as Annexure - 14
3		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.	Being Complied	Nil
4		The project proponent shall monitor the criteria pollutants level namely, PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a prominent location for disclosure to the	Being Complied	Nil

	public and also upload the same on the website of the company.		
5	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).	Being Complied	Nil
6	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.	This is Noted for Compliance	Nil
7	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.	This is Noted for Compliance	Nil
8	The project authorities must strictly adhere to the relevant stipulations made by the State Pollution Control Board and the State Government.	This is Noted for Compliance	Nil
9	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.	This is Noted for Compliance	Nil
10	No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA.	This is Noted for Compliance	Nil
11	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.	This is Noted for Compliance	Nil
12	The SEIAA/ Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	This is Noted for Compliance	Nil

13		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 time bound manner.	This is Noted for Compliance	Nil
14		The Regional Office of the MOEF&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&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.	This is Noted for Compliance	Nil
15		The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, 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.	This is Noted for Compliance	Nil
16		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.	This is Noted for Compliance	Nil
1	Additional Specific Conditions Decided During the Meeting of SEAC	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.	This is Noted for Compliance	Nil
2		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.	Continuous Emission monitoring system installed at Dust Collector Stacks	Nil

3	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&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring reports.	This is Noted for Compliance	Nil
4	The project proponent shall obtain NOC from CGWA/ PWRDA for abstraction of ground water @ 1158 KLD to meet the Industrial, domestic and green belt water requirements of their Project.	NOC from PWRDA Received.	Enclosed as Annexure -2
5	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.	Being Complied	Nil
6	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.	This is Noted for Compliance	Nil
7	The project proponent shall provide STP of 30 KLD for treatment of waste water 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&CC for such units.	This is Noted for Compliance	Nil
8	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.	This is Noted for Compliance	Nil
9	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.	Environmental Monitoring (Ground Water Quality Monitoring) for construction phase is ongoing;	Enclosed as Annexure - 8 

			sample report is enclosed	
10		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 in the premises. The areas for the respective activities to be marked on the layout plan.	This is Noted for Compliance	Nil
11		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.	This is Noted for Compliance	Nil
12		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.	This is Noted for Compliance	Nil
13		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.	This is Noted for Compliance	Nil
14		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.	This is Noted for Compliance	Nil
1	Additional Conditions by SEIAA	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	This is Noted for Compliance	Annexure-12b & 12c

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 Plot Nos. B-1 & D-02(P), Hi-Tech Valley,
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	CER Plan will be included in and form a part of the Environmental Management Plan (EMP) of the project.		
2	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.	This is Noted for Compliance	Nil
3	The project proponent shall adopt adequate safety measures to ensure that the rainwater 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.	Being Complied	Nil
4	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.	This is Noted for Compliance	Nil
5	The Project Proponent will provide adequate number of vermicompost pits and mechanical composters to handle the biodegradable waste generated from the plant.	This is Noted for Compliance	Nil


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 (Birla Paints Division)
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 Village: Dhananau, District: Ludhiana, (Pb)-141112

ANNEXURES

Annexure Number	Annexure Description
Annexure – 1a,1b,1c & 1d	Copy of Consent to Establish, CTE extension certificate, Consent to Operate Air & Water
Annexure – 2	Copy of Ground Water Abstraction NOC from PWRDA
Annexure – 3	Copy of Consent to Operate Hazardous Waste
Annexure – 4	Copy of Application for BMW Authorization
Annexure – 5a,5b & 5c	Copy of receiving of Sch 7,8 and ERP
Annexure – 6	Sample Report of AAQ
Annexure – 7	Details of Stacks
Annexure – 8	Sample Report of Ground Water Analysis
Annexure_9	Sample Report of Noise Monitoring
Annexure_10	Environment Policy
Annexure_11	EHS cell organogram
Annexure_12a,12b & 12c	Details of EMP, Approved CER Plan & CER update
Annexure_13a & 13b	Copy of advertisement in English & Punjabi Newspaper
Annexure_14	Copy of acknowledgement letters (EC copy submission to local authorities)



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



ANNEXURE - 1

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: R21LDH1979056 Application No : 17217879

To,

Ajith Kumar
Aditya Birla Centre, Sk Ahire Marg, Worli, Mumbai
Mumbai, Mumbai-400030

Subject: Grant of "Consent to Establish"(NOC) for an industrial unit u/s 25 of Water (Prevention & Control of Pollution) Act, 1974 and u/s 21 of Air (Prevention & Control of Pollution) Act, 1981.

With reference to your application for obtaining fresh 'Consent to Establish'(NOC) an industrial plant u/s 25 of Water (Prevention & Control of Pollution) Act, 1974 and u/s 21 of Air (Prevention & Control of Pollution) Act, 1981, you are, hereby, permitted to establish the industrial unit to discharge the effluent(s) & emission(s) arising out of your premises subject to the Terms and Conditions as specified in this Certificate.

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

Certificate No.	CTE/Fresh/LDH1/2021/17217879
Date of issue :	03/12/2021
Date of expiry :	02/12/2022
Certificate Type :	Fresh

2. Particulars of the Industry

Name & Designation of the Applicant	Piyush Shankarani, (Vice President)
Address of Industrial premises	Grasim Industries Limited, Plot Nos. B-1, D-02 (p), Hi-tech Valley, Village Dhananru, District-Ludhiana, Panjab, Ludhiana East, Ludhiana 1-141112
Capital Investment of the Industry	91000.0 lakhs
Category of Industry	Red
Type of Industry	1021 Manufacturing of paints, varnishes, pigments and intermediate (excluding blending/mixing)
Scale of the Industry	Large
Office District	Ludhiana I
Consent Fee Details	Rs 5,66,500/- vide UTR No. HDFCR52021110375401499 dated 03/11/21

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

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Plot Nos. B-1 & D-02(P), Hi-Tech Valley,
Village, Dhananru, District: Ludhiana (Pb)-141112

Raw Materials (Name with quantity per day)	<p>Pigments such as Rutile (TiO₂) various grades, middle chrome, Redoxide, etc. @101250MT/Year</p> <p>Extenders such as China clay, Calcium carbonate, Silica, Marble powder, Dolomite, etc. @207500MT/Year</p> <p>Polyols such as Phthalic anhydride, Pentaerythritol, etc. @9720MT/Year</p> <p>Colored pigments such as Blue, Green, Lemon chrome, yellow oxide, carbon black, etc. @6000MT/Year</p> <p>Polyols such as Maleic anhydride, benzoic acid, sodium bicarbonate, etc. @1080MT/Year</p> <p>Additives such as Natrosal, Di-ammonium phosphate, sodium benzoate, Hydroxy ethyl cellulose, etc. @7313MT/Year</p> <p>Solvents such as Mineral turpentine, Xylene, Dipentene, MCEE 10, etc. @57600KL/Year</p> <p>Driers and additives such as Calcium octoate, Cobalt octoate, Ropaque Op50, Soya fatty acid, Indofil 850, etc. @70200KL/Year</p> <p>Monomers such as Methyl Methacrylate, 2-Ethyl hexyl acrylate, Butyl acrylate, Styrene, etc. @86400KL/Year</p> <p>Oils such as Raw linseed oil, Castor oil, Soybean oil, etc. @16200KL/Year</p> <p>Polyols such as Propylene glycol, Liquor ammonia, Texanol, etc. @8775KL/Year</p> <p>Driers and additives such as Nipacide DFX, Dapro, Neopon, Thorex paste, etc. @9360KL/Year</p> <p>Pigments such as Yellow fine paste, Blue fine paste, Red fine paste, etc. @2925KL/Year</p> <p>Polyols such as Morpholine, Benzyl alc. Glycerine, etc. @2340KL/Year</p> <p>Resin @340KL/Year</p> <p>Solvent MPA 60 @100KL/Year</p>
Products (Name with quantity per day)	<p>Water Based Paints @30000KL/Year</p> <p>Solvent Based Paints @60000KL/Year</p> <p>Emulsions @120000KL/Year</p> <p>Resins @40000KL/Year</p>
By-Products, if any, (Name with quantity per day)	As per the application form.
Details of the machinery and processes	As per the application form.
Details of the Effluent Treatment Plant	<p>Domestic Effluent @23.0 KLD - Sewage Treatment Plant (STP) of capacity 30 KLD.</p> <p>Trade Effluent @138.0 KLD - Effluent Treatment Plant (ETP) of capacity 150 KLD, followed by RO, MEE & Agitate Thin Film Evaporator, based on Zero Liquid discharge (ZLD) system</p>
Mode of Disposal of Effluent	<p>Treated domestic effluent @ 23 KLD - onto land for plantation/ gardening of green area within the premises of the project.</p> <p>Treated Trade Effluent @ 138 KLD - to be reused back as cooling water makeup & other processes) within the premises of the unit (Zero Liquid Discharge).</p>
Standards to be achieved under Water (Prevention & Control of Pollution) Act, 1974	As prescribed by the CPCB/Board/ MoEF&CC

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Grasim Industries Limited, Plot Nos. B-1, D-02 (P), Hi-Tech Valley, Village Dhananor, District-Ludhiana, Punjab, Ludhiana East-Ludhiana 141112

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GRASIM INDUSTRIES LIMITED

(Birla Paints Division)

Plot Nos. B-1 & D-02(P), Hi-Tech Valley,
Village: Dhananor, District: Ludhiana, (Pb)-141112

Sources of emissions and type of pollutants:	<p>03 no. Boilers of capacity 2 TPH each & 1 Standby Boiler of capacity 2 TPH - SO_x, NO_x etc.</p> <p>01 boiler of capacity 0.5 TPH - SO_x, NO_x etc.</p> <p>02 no. thermic Fluid Heaters of capacity 20 lac Kcal each & 1 Standby thermic Fluid Heaters of capacity 20 lac Kcal- SO_x, NO_x etc.</p> <p>03 no. DG sets of capacity 2000 KVA each & 1 Standby DG set of capacity 2000 KVA- SO_x, NO_x etc.</p> <p>01 no. DG set of capacity 1000 KVA & 1 Standby DG set of capacity 1000 KV - SO_x, NO_x etc.</p> <p>Water Based Block (02 no. stacks) - SPM & VOC.</p> <p>Solvent Based Block (02 no. stacks) - SPM & VOC.</p> <p>Resin Block (02 no. stacks) - SPM & VOC.</p> <p>Emulsion Block (02 no. stacks) - SPM & VOC.</p> <p>At bulk powder handling areas - SPM</p>
Mode of disposal of omissions with stack height	<p>03 no. Boilers of capacity 2 TPH each & 1 Standby Boiler of capacity 2 TPH - Separate Stack of height 30 m AGL.</p> <p>01 boiler of capacity 0.5 TPH - Stack of height 30 m AGL.</p> <p>02 no. thermic Fluid Heaters & 1 Standby thermic Fluid Heaters of capacity 20 lac Kcal- Separate Stack of height 30 m AGL.</p> <p>03 no. DG sets of capacity 2000 KVA each & 1 Standby DG set of capacity 2000 KVA- Canopies and Separate Stacks of height 30 m AGL.</p> <p>01 no. DG set of capacity 1000 KVA & 1 Standby DG set of capacity 1000 KVA- Canopies & Stack of height 30 m AGL.</p> <p>Water Based Block (02 no. stacks) - Stacks of height 3 m ARL.</p> <p>Solvent Based Block (02 no. stacks) - Stacks of height 3 m ARL.</p> <p>Resin Block (02 no. stacks) - Stacks of height 3 m ARL.</p> <p>Emulsion Block (02 no. stacks) - Stacks of height 3 m ARL.</p> <p>At bulk powder handling areas - Stacks of height 3 m ARL.</p>
Quantity of fuel required in TPD	<p>03 no. Boilers of capacity 2 TPH each & 1 Standby Boiler of capacity 2 TPH - HSD @ 2300 l/day, for each boiler.</p> <p>01 boiler of capacity 0.5 TPH - HSD @ 600 l/day.</p> <p>02 no. thermic Fluid Heaters & 1 Standby thermic Fluid Heaters of capacity 20 lac Kcal - HSD @ 2400 l/day, for each heater.</p> <p>03 no. DG sets of capacity 2000 KVA each & 1 Standby DG set of capacity 2000 KVA- HSD @ 1800 l/day, for each DG set.</p> <p>01 no. DG set of capacity 1000 KVA & 1 Standby DG set of capacity 1000 KVA- HSD @ 900 l/day.</p>

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<p>Type of Air Pollution Control Devices to be installed</p>	<p>03 no. Boilers of capacity 2 TPH each & 1 Standby Boiler of capacity 2 TPH- Separate stacks of adequate height. 01 boiler of capacity 0.5 TPH - Separate stacks of adequate height. 02 no. thermic Fluid Heaters & 1 Standby thermic Fluid Heaters of capacity 20 lac Kcal- Separate stacks of adequate height. 03 no. DG sets of capacity 2000 KVA each & 1 Standby DG set of capacity 2000 KVA- Separate stacks of adequate height. 01 no. DG set of capacity 1000 KVA & 1 Standby DG set of capacity 1000 KVA- Separate stacks of adequate height. Water Based Block (02 no. stacks) - Wet scrubber, carbon bed and fume extraction system alongwith stacks. Solvent Based Block (02 no. stacks) - Wet scrubber, carbon bed and fume extraction system alongwith stacks. Resin Block (02 no. stacks) - Wet scrubber, carbon bed and fume extraction system alongwith stacks. Emulsion Block (02 no. stacks) - Wet scrubber, carbon bed and fume extraction system alongwith stacks. At bulk powder handling areas - Dust collector as APCD</p>
<p>Standars to be achieved under Air (Prevention & Control of Pollution) Act, 1981</p>	<p>As prescribed by the CPCB/Board/ MoEF&CC</p>



(Handwritten Signature)

(09/12/2021)

(Ganesh Sethi)
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)

Encls. 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.

(Handwritten Signature)

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03/2021

**(Guneet Sethi)
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-141112



GRASIM INDUSTRIES LIMITED Page 5

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

A. GENERAL CONDITIONS

1. The industry shall apply for consent of the Board as required under the provision of Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981 & Authorization under Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016, two months before the commissioning of the industry.
2. The industry shall provide adequate arrangements for fighting the accidental leakages/ discharge of any air pollutants/gas/liquids from the vessels, mechanical equipments etc, which are likely to cause environmental pollution.
3. The industry shall apply for further extension in the validity of the CTE atleast two months before the expiry of this CTE, if applicable.
4. The industry shall comply with any other conditions laid down or directions issued by the Board under the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981 from time to time.
5. The project has been approved by the Board from pollution angle and the industry shall obtain the approval of site from other concerned departments, if need be.
6. The industry shall get its building plans approved under the provisions of section 3-A of Punjab Factory Rules, 1952.
7. The industry shall put up display board indicating the Environment data in the prescribed format at the main entrance gate.
8. The industry shall provide port-holes, platforms and/or other necessary facilities as may be required for collecting samples of emissions from any chimney, flue or duct or any other outlets.

Specifications of the port-holes shall be as under:-

- i) The sampling ports shall be provided atleast 8 times chimney diameter downstream and 2 times upstream from the flow disturbance. For a rectangular cross section the equivalent diameter (De) shall be calculated from the following equation to determine upstream, downstream distance:-
$$D_e = 2 LW / (L+W)$$

Where L= length in mts, W= Width in mts.
 - ii) The sampling port shall be 7 to 10 cm in diameter
9. The industry shall discharge all gases through a stack of minimum height as specified in the following standards laid down by the Board.

(i) Stack height for boiler plants

S.NO.	Boiler with Steam Generating Capacity	Stack heights
1.	Less than 2 ton/hr.	9 meters or 2.5 times the height of neighboring building which ever is more
2.	More than 2 ton/hr. to 5 ton/hr.	12 meters
3.	More than 5 ton/hr. to 10 ton/hr.	15 meters
4.	More than 10 ton/hr. to 15 ton/hr.	18 meters
5.	More than 15 ton/hr. to 20 ton/hr.	21 meters
6.	More than 20 ton/hr. to 25 ton/hr.	24 meters
7.	More than 25 ton/hr. to 30 ton/hr.	27 meters
8.	More than 30 ton/hr.	30 meters or using the formula $H = 14 Q_g^{0.3}$ $H = 74 (Q_p)^{0.24}$ Where Q_g = Quantity of SO ₂ in Kg/hr. Q_p = Quantity of particulate matter in Ton/day.

Note : Minimum Stack height in all cases shall be 9.0 mtr. or as calculated from relevant formula whichever is more.

(ii) For industrial furnaces and kilns, the criteria for selection of stack height would be based on fuel used for the corresponding steam generation.

(iii) Stack height for diesel generating sets:

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GRASIM INDUSTRIES LIMITED

(Birla Paints Division)

Plot Nos. B-1 & D-02(P), Hi-Tech Valley,
Village: Dhananou, District: Ludhiana. (Ph)-141112

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Capacity of diesel generating set	Height of the Stack	
0-50 KVA	Height of the building	+ 1.5 mt
50-100 KVA	-do-	+ 2.0 mt
100-150 KVA	-do-	+ 2.5 mt
150-200 KVA	-do-	+ 3.0 mt
200-250 KVA	-do-	+ 3.5 mt
250-300 KVA	-do-	+ 3.5 mt

For higher KVA rating stack height H (in meter) shall be worked out according to the formula:

$$H = h + 0.2 (KVA)^{0.5}$$

where h = height of the building in meters where the generator set is installed.

10. The industry shall put up canopy on its DG sets and also provide stack of adequate height as per norms prescribed by the Board and shall ensure the compliance of instructions issued by the Board vide office order no. Admin./SA-2/F.No.783/2011/448 dated 8/6/2010.
11. The industry shall put up canopy on its DG sets and also provide stack of adequate height as per norms prescribed by the Board and shall ensure the compliance of instructions issued by the Board vide office order no. Admin./SA-2/F.No.783/2011/448 dated 8/6/2010.
 - (i) Once in Year for Small Scale Industries.
 - (ii) Four in a Year for Large/Medium Scale Industries.
 - (iii) The industry will submit monthly reading/ data of the separate energy meter installed for running of effluent treatment plant/re-circulation system to the concerned Regional Office of the Board by the 5th of the following month.
12. The industry shall provide flow meters at the source of water supply, at the outlet of effluent treatment plant and shall maintain the record of the daily reading and submit the same to the concerned Regional Office by the 5th day of the following month.
13. The industry shall make necessary arrangements for the monitoring of stack emissions and shall get its emissions analyzed from lab approved / authorized by the Board:-
 - (i) Once in Year for Small Scale Industries.
 - (ii) Twice/thrice/four time in a Year for Large/Medium Scale Industries.
14. The pollution control devices shall be interlocked with the manufacturing process of the industry.
15. The Board reserves the right to revoke this "consent to establish" (NOC) at any time, in case the industry is found violating any of the conditions of this "consent to establish" and/or the provisions of Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981 as amended from time to time.
16. The industry shall plant minimum of three suitable varieties of trees at the density of not less than 1000 trees per acre along the boundary of the industrial premises.
17. The issuance of this consent does not convey any property right in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Central, State or Local Laws or Regulations.
18. The consent does not authorize or approve the construction of any physical structures or facilities for undertaking of any work in any natural watercourse.
19. Nothing in this NOC shall be deemed to neither preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities or penalties to which the applicant is or may be subjected under this or any other Act.
20. The diversion or bye pass of any discharge from facilities utilized by the applicant to maintain compliance with the terms and conditions of this consent is prohibited except.
 - (i) Where unavoidable to prevent loss of life or some property damage or
 - (ii) Where excessive storm drainage or run off would damage facilities necessary for compliance with terms and conditions of this consent. The applicant shall immediately notify the consent issuing authority in writing of each such diversion or bye-pass.
21. The industry shall ensure that no water pollution problem is created in the area due to discharge of effluents from its industrial premises.

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22. The industry shall comply with the conditions imposed if any by the SEIAA/MOEF in the Environmental Clearance granted to it as required under EIA notification dated 14/9/06, if applicable.
23. The industry shall earmark a land within their premises for disposal of boiler ash in an environmentally sound manner, and / or the industry shall make necessary arrangements for proper disposal of fuel ash in a scientific manner and shall maintain proper record for the same, if applicable.
24. The industry shall obtain and submit Insurance cover as required under the Public Liability Insurance Act, 1991.
25. The industry shall submit a site emergency plan approved by the Chief Inspector of Factories, Punjab as applicable.
26. The industry shall provide proper and adequate air pollution control arrangements for control emission from its coal/fuel handling area, if applicable.
27. The Industry shall comply with the code of practice as notified by the Government / Board for the type of Industries where the siting guidelines / code of practice have been notified
28. Solids, sludge, filter backwash or other pollutant removed from or resulting from treatment or control of waste waters shall be disposed off in such a manner so as to prevent any pollutants from such materials from entering into natural water.
29. The industry shall submit a detailed plan showing therein, the distribution system for conveying waste-water for application on land for irrigation along with the crop pattern to be adopted throughout the year.
30. The industry shall not irrigate the vegetable crops with the treated effluents which are used/ consumed as raw.
31. The industry shall ensure that its production capacity & quantity of trade effluent do not exceed the quantity mentioned in the NOC and shall not carry out any expansion without the prior permission/NOC of the Board.
32. All amendments/revisions made by the Board in the emission/stack height standards shall be applicable to the industry from the date of such amendments/revisions.
33. The industry shall not cause any nuisance/traffic hazard in vicinity of the area.
34. The industry shall maintain the following record to the satisfaction of the Board :-
 - (i) Log books for running of air pollution control devices or pumps/motors used for it.
 - (ii) Register showing the result of various tests conducted by the industry for monitoring of stack emissions and ambient air.
 - (iii) Register showing the stock of absorbents and other chemicals to be used for scrubbers.
35. The industry shall ensure that there will not be significant visible dust emissions beyond the property line.
36. The industry shall establish sufficient number of piezometer wells in consultation with the concerned Regional Office, of the Board to monitor the impact on the Ground Water Quantity due to the industrial operations, if applicable.
37. The industry shall provide adequate and appropriate air pollution control devices to contain emissions from handling, transportation and processing of raw material & product of the industry



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



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(Guneet Sethi)
 Environmental Engineer
 For & on behalf
 of

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

B. SPECIAL CONDITIONS

1. The industry shall not start any construction at the site, without obtaining Environmental Clearance required under the ambit of EIA notification dated 14/09/2006.
2. The industry shall be bound to obtain revised Consent to Establish, in case there is any deviation in details mentioned in this consent from Environment Clearance to be obtained by the industry.
3. The industry shall ensure Zero Liquid discharge (ZLD) technology and shall reuse the entire quantity of treated domestic & trade effluent, within the premises of the unit.
4. The industry shall not discharge any effluent outside its premises, in any case.
5. The industry shall obtain permission from PWRDA and shall comply with the guidelines issued by it, from time to time.
6. The industry shall comply with the provisions of the Solid Waste Management Rules, 2016.
7. The industry shall comply with the provisions of the E- Waste Management Rules, 2016.
8. The industry shall comply with the provisions of the Batteries (Management and Handling) Rules, 2001.
9. The industry shall follow the Lead Free Paint Guidelines, as issued by the Competent Authorities, from time to time.
10. The industry shall not emit black smoke at any point of time, under any circumstance.
11. The industry shall ensure that the activities of unit does not create any nuisance in the surrounding areas and no public complaints are received.
12. The Consent is being issued to the industry based upon the documents/ information submitted by it alongwith the online application form. The Board would be at liberty to take penal action against the industry and its responsible/ concerned person(s) in case information/document is detected as incorrect/false/misleading at any point of time.
13. In case the industry fails to comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, Environment (Protection) Act, 1986 and/or any other environmental law applicable to the project and Rules, Circulars & Directions issued by the Board from time to time, action as deemed fit shall be taken against the industry.



(S/12302)

(Guneet Sethi)
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)

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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: R21LDH1979056 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.	CTE/Ext/LDH/2022/19930252
Date of issue :	23/11/2022
Date of expiry :	01/12/2024
Certificate Type :	Extension
Previous CTE/CTO No. & Validity :	CTE/Fresh/LDH/2021/17217879 From:03/12/2021 To:02/12/2022

2. Particulars of the Industry

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

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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/LDH/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 19/04/2022 by the competent authority, in toto.

This letter shall be appended with the CTE issued to the project proponent vide no. CTE/Fresh/LDH/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)

Encl. No.:

PUNJAB

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 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)



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GRASIM INDUSTRIES LIMITED

(Birla Paints Division)

Plot Nos. B-1 & D-02(P), Hi-Tech Valley,

Village Dhanansu, District Ludhiana, (Pb)-141112

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

Office Dispatch No.: PBIP/I/661865/2023

Date: 12.10.2023

To

MANOJ SINGH
PLOT NOS. B-1, D-02 (P), HI-TECH VALLEY, VILLAGE DHANANSU, DISTRICT LUDHIANA, PUNJAB.
LUDHIANA, LUDHIANA-EAST - 141112**Subject:- Grant of 'Consent to Operate' u/s 21 of Air (Prevention & Control of Pollution) Act, 1981 for discharge of emissions arising out of premises.**

With reference to your application for obtaining fresh 'Consent to Operate' u/s 21 of Air (Prevention & Control of Pollution) Act, 1981, you are, hereby, authorized to operate an industrial unit for discharge of the emission(s) arising out of your premises subject to the Terms and Conditions as mentioned in this Certificate.

1. Particulars of Consent to Operate under Air Act, 1981 granted to the industry:

PIN	210891528
Application No.:	2309952754
Date of Issue:	11-Oct-2023
Date of Expiry:	31-Mar-2026
Certificate Type:	Fresh
Certificate No:	CTOI/Fresh/PBIP/LDH-I/2023/2309952754

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 nos. B-1, D-02 (P), Hi-Tech Valley, Village Dhanansu, District Ludhiana, Punjab, Ludhiana-East, Ludhiana
Capital Investment of the industry(in lakhs):	104163.9
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
Consent Fee Details:	Rs 2160500/- vide R. No. 359065967 dated 19.09.2023 under Air Act, 1981
Raw Materials (Name with quantity per day):	Pigment such as Rutile @ 60000 MT/Ann, Extenders such as clay calcium carbonate silica marble powder dolomite @ 120000 MT/Annum. Additives such as Nairisol HEG

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Page 1 of 8

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

	5000 MT/Ann, Solvent such as dipentane MCEE lan @ 3000 KL/Year, Monomers @ 60000 KL/Year and Polycol like glycol ammonia texanol 10000 KL/Year
Products (Name with quantity per day):	Water based paint @ 250000 KL/Year Emulsion @ 100000 KL/Year
By Products, if any (Name with quantity per day):	-
Details of the machinery and processes:	As per application form
Sources of emissions and type of pollutants:	1. 2 no. Boilers of capacity 2 TPH each - SPM/SOx/NOx 2. 1 no. Boiler of capacity 0.5 TPH each - SPM/SOx/NOx 3. 2 no. DG set of capacity 2000 KVA each - SPM/SOx/NOx 4. Process Emission: WPB - SPM 5. Process Emission: EB - SPM 6. Process Emission: TSD - SPM
Mode of disposal of emissions with stack height:	1. 2 no. Boilers of capacity 2 TPH each - 30 m AGL 2. 1 no. Boiler of capacity 0.5 TPH each - 30 m AGL 3. 2 no. DG set of capacity 2000 KVA each - Stack of height as per following formula: $H = h + 0.2 (KVA)^{0.5}$ where h = height of the building in meters where the generator set is installed. APCD with powder feeding section - Stack of height 3 m Above Roof Level. 4. Process Emission: WPB - 26.85 m AGL 5. Process Emission: EB - 26.26 m AGL 6. Process Emission: TSD - 28.8 m AGL
Quantity of fuel required in TPD:	1. 2 no. Boilers of capacity 2 TPH each - HSD @ 116 kg/hr and PNG @ 137 SCM3 /hr each 2. 1 no. Boiler of capacity 0.5 TPH each - HSD @ 29.22 kg/hr and PNG @ 36.30 SCM3 /hr 3. 2 no. DG set of capacity 2000 KVA each - HSD @ 5794 lit/day. 4. DG set of capacity 500 KVA- HSD @ 7320 lit/day.
Type of Air Pollution Control Devices to be installed:	1. 2 no. Boilers of capacity 2 TPH each - Stacks of adequate height 2. 1 no. Boiler of capacity 0.5 TPH each - Stack of adequate height 3. 2 no. DG set of capacity 2000 KVA each - Canopy Provided. 4. Process Emission: WPB - Wet Scrubber 5. Process Emission: EB - Wet Scrubber 6. Process Emission: TSD - Dust Collectors (3 Nos.)
Standard to be achieved under Air(Prevention & Control of Pollution) Act, 1981:	As prescribed by the CPCB/MoEF&CC/PPCB, from time to time.


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


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

Encl. 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.

^{-sl-}
Environmental Engineer (PBIP)
for & on behalf of
Chief Environmental Engineer (PBIP)

A. GENERAL CONDITIONS

1. The industry shall apply for consent of the Board as required under the provision of Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981 & Authorization under Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016, two months before the commissioning of the industry.
2. The industry shall provide adequate arrangements for fighting the accidental leakages/ discharge of any air pollutant/gas/liquids from the vessels, mechanical equipments etc. which are likely to cause environmental pollution.
3. The Industry shall apply for further extension in the validity of the CTE atleast two months before the expiry of this CTE, if applicable.
4. The industry shall comply with any other conditions laid down or directions issued by the Board under the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981 from time to time.
5. The project has been approved by the Board from pollution angle and the industry shall obtain the approval of site from other concerned departments, if need be.
6. The industry shall get its building plans approved under the provisions of section 3-A of Punjab Factory Rules, 1952
7. The industry shall put up display board indicating the Environment data in the prescribed format at the main entrance gate
8. The industry shall provide port-holes, platforms and/or other necessary facilities as may be required for collecting samples of emissions from any chimney, flue or duct or any other outlets

Specifications of the port-holes shall be as under:

- i) The sampling ports shall be provided atleast 8 times chimney diameter downstream and 2 times upstream from the flow disturbance. For a rectangular cross section the equivalent diameter (D_e) shall be calculated from the following equation to determine upstream, downstream distance:-

$$D_e = 2 LW / (L+W)$$

Where L= length in mts. W= Width in mts.

- ii) The sampling port shall be 7 to 10 cm in diameter

9. The industry shall discharge all gases through a stack of minimum height as specified in the following standards laid down by the Board.

(i) Stack height for boiler plants

S.No.	Boiler with Steam Generating Capacity	Stack heights
1	Less than 2 ton/hr	8 meters or 2.5 times the height of neighboring building which ever is more
2	More than 2 ton/hr to 5 ton/hr	12 meters
3	More than 5 ton/hr to 10 ton/hr	15 meters
4	More than 10 ton/hr to 15 ton/hr	18 meters
5	More than 15 ton/hr to 20 ton/hr	21 meters
6	More than 20 ton/hr to 25 ton/hr	24 meters

7	More than 25 ton/hr to 30 ton/hr	27 meters
8	More than 30 ton/hr	30 meters or using the formula $H = 14 (Qg)^{0.3}$ $H = 74 (Qp)^{0.24}$ Where Qg = Quantity of SO ₂ in Kg/hr. Qp = Quantity of particulate matter in Ton/day.

Note : Minimum Stack height in all cases shall be 9.0 mtr. or as calculated from relevant formula whichever is more.

(ii) For industrial furnaces and kilns, the criteria for selection of stack height would be based on fuel used for the corresponding steam generation.

(iii) Stack height for diesel generating sets:

Capacity of diesel generating set	Height of the building	Height of the Stack
0-50 KVA	Height of the building	+ 1.5 mt
50-100 KVA	-do-	+ 2.0 mt
100-150 KVA	-do-	+ 2.5 mt
150-200 KVA	-do-	+ 3.0 mt
200-250 KVA	-do-	+ 3.5 mt
250-300 KVA	-do-	+ 3.5 mt

For higher KVA rating stack height H (in meter) shall be worked out according to the formula:

$$H = h + 0.2 (KVA)^{0.5}$$

where h = height of the building in meters where the generator set is installed.

10. The industry shall put up canopy on its DG sets and also provide stack of adequate height as per norms prescribed by the Board and shall ensure the compliance of instructions issued by the Board vide office order no. Admin./SA-2/F.No.783/2011/448 dated 8/6/2010.

11. The industry shall provide flow meters at the source of water supply, at the outlet of effluent treatment plant and shall maintain the record of the daily reading and submit the same to the concerned Regional Office by the 5th day of the following month.

12. The industry shall make necessary arrangements for the monitoring of stack emissions and shall get its emissions analyzed from lab approved / authorized by the Board:-

(i) Once in Year for Small Scale Industries.

(ii) Twice/thrice/four time in a Year for Large/Medium Scale Industries

13. The pollution control devices shall be interlocked with the manufacturing process of the industry.

14. The Board reserves the right to revoke this "consent to establish" (NOC) at any time, in case the industry is found violating any of the conditions of this "consent to establish" and/or the provisions of Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981 as amended from time to time

15. The industry shall plant minimum of three suitable varieties of trees at the density of not less than 1000 trees per acre along the boundary of the industrial premises.

16. The issuance of this consent does not convey any property right in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Central, State or Local Laws or Regulations,

17. The consent does not authorize or approve the construction of any physical structures or facilities for undertaking of any work in any natural watercourse,

18. Nothing in this NOC shall be deemed to neither preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities or penalties to which the applicant is or may be subjected under this or any other Act.

19. The diversion or bye pass of any discharge from facilities utilized by the applicant to maintain compliance with the terms and conditions of this consent is prohibited except:

(i) Where unavoidable to prevent loss of life or some property damage or

(ii) Where excessive storm drainage or run off would damage facilities necessary for compliance with terms and conditions of this consent. The applicant shall immediately notify the consent issuing authority in writing of each such diversion or bye-pass.

20. The industry shall ensure that no water pollution problem is created in the area due to discharge of effluents from its industrial premises,

21. The industry shall comply with the conditions imposed if any by the SEIAA/MOEF in the Environmental Clearance granted to it as required under EIA notification dated 14/9/06.

22. The industry shall earmark a land within their premises for disposal of boiler ash in an environmentally sound manner, and / or the industry shall make necessary arrangements for proper disposal of fuel ash in a scientific manner and shall maintain proper record for the same, if applicable.

23. The industry shall obtain and submit insurance cover as required under the Public Liability Insurance Act, 1991.

24. The industry shall submit a site emergency plan approved by the Chief Inspector of Factories, Punjab as applicable

25. The industry shall provide proper and adequate air pollution control arrangements for control emission from its coal/fuel handling area, if applicable.

26. The Industry shall comply with the code of practice as notified by the Government / Board for the type of Industries where the siting guidelines / code of practice have been notified

27. Solids, sludge, filter backwash or other pollutant removed from or resulting from treatment or control of waste waters shall be disposed off in such a manner so as to prevent any pollutants from such materials from entering into natural water

28. The industry shall submit a detailed plan showing therein, the distribution system for conveying wastewaters for application on land for irrigation along with the crop pattern to be adopted throughout the year

29. The industry shall not irrigate the vegetable crops with the treated effluents which are used/ consumed as raw.

30. The industry shall ensure that its production capacity & quantity of trade effluent do not exceed the quantity mentioned in the NOC and shall not carry out any expansion without the prior permission/NOC of the Board.

31. All amendments/revisions made by the Board in the emission/stack height standards shall be applicable to the industry from the date of such amendments/revisions.

32. The industry shall not cause any nuisance/traffic hazard in vicinity of the area.

33. The industry shall maintain the following record to the satisfaction of the Board :-

(i) Log books for running of air pollution control devices or pumps/motors used for it.

(ii) Register showing the result of various tests conducted by the industry for monitoring of stack emissions and ambient air.

(iii) Register showing the stock of absorbents and other chemicals to be used for scrubbers.

34. The industry shall ensure that there will not be significant visible dust emissions beyond the property line.

35. The industry shall establish sufficient number of piezometer wells in consultation with the concerned Regional Office, of the Board to monitor the impact on the Ground Water Quantity due to the industrial operations, if applicable.

36. The industry shall provide adequate and appropriate air pollution control devices to contain emissions from handling, transportation and processing of raw material & product of the industry

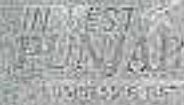
Environmental Engineer (PBIP)
for & on behalf of
Chief Environmental Engineer (PBIP)

B. SPECIAL CONDITIONS

1. This consent to operate has been granted for manufacturing of Water based paint @ 250000 KL/Year and Emulsion @ 100000 KL/Year, only.
2. The industry shall only manufacture the products and limit their quantities, for which it has been granted consent to operate from the Board. It shall not manufacture any other product without the prior written permission of the Board/ Competent Authority.
3. The industry shall not increase the production capacity of the unit beyond the quantities mentioned in the Environmental Clearance issued to it by SEIAA, Punjab without obtaining revised Environmental Clearance from the Competent Authority.
4. 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.
5. The industry shall always comply with guidelines issued by PPCB/CPCB for time to time.
6. The industry shall adopt & follow the Lead Free Paint Guidelines in true letter & spirit.
7. 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).
8. The industry shall ensure connection of the OCEMS provided with stacks with the PPCB server.
9. The industry will ensure that the CCTV cameras shall always remain connected with the PPCB server.
10. The industry shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986, as per the additional condition imposed in the Environmental Clearance granted to it by the Competent Authority.
11. The industry shall install system to carryout Manual Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM10and PM25 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each), covering upwind and downwind directions, as per the additional condition imposed in the Environmental Clearance granted to it by the Competent Authority.
12. The industry shall comply with the provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
13. The industry shall comply with the provisions of Solid Waste Management Rules, 2016.
14. The industry shall comply with the provisions of the Plastic Waste Management Rules, 2016.
15. The industry shall obtain all the statutory approvals/clearances from the concerned departments.
16. This Consent is being issued to the industry based upon the documents/ information submitted by it alongwith the online application form. The Board would be at liberty to take penal action against the industry and its responsible/ concerned person(s) in case information/document is detected as incorrect/false/misleading at any point of time, without any opportunity of Personal Hearing.
17. In case, the industry fails to comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1986, Environment (Protection) Act, 1986 and/or any other environmental law applicable to the project and Rules, Circulars & Directions issued by the Board from time to time, action as deemed fit shall be taken against the industry.


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


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



Office Dispatch No.: PBIP/I/661892/2023

Date: 12-10-2023

To

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

Subject:- Grant of 'Consent to Operate' an outlet u/s 25/26 of Water(Prevention & Control of Pollution) Act, 1974 for discharge of effluent.

With reference to your application for obtaining 'Consent to Operate' an outlet for discharge of the effluent u/s 25/26 of Water (Prevention & Control of Pollution) Act, 1974, you are, hereby, authorized to operate an industrial unit for discharge of the effluent(s) arising out of your premises subject to the Terms and Conditions as mentioned in this Certificate.

1. Particulars of Consent to Operate under Water Act, 1974 granted to the industry:

PIN	210891528
Application No.:	2309109161
Date of Issue:	11-Oct-2023
Date of Expiry:	31-Mar-2026
Certificate Type:	Fresh
Certificate No:	CTOW/Fresh/PBIP/LDH-I/2023/2309109161

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 Ltd.
Address of Project/Unit:	Plot nos. B-1, D-02 (P), Hi-Tech Valley, Village Dhanansu, District Ludhiana, Punjab, Ludhiana-East, Ludhiana
Capital Investment of the Industry(in lakhs):	104163.9
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
Consent Fee Details:	Rs. 2160500/- vide R. No. 359065967 dated 19.09.2023 under Water Act, 1974
Raw Materials (Name with quantity per day):	Pigment such as Rutile @ 60000 MT/Ann, Extenders such as dry calcium carbonate silica marble powder dolomite @ 130000 MT/Ann, Additives such as Nalcozol HEC

	6000 MT/Ann, Solvent such as dipentene MCEE ten @ 3000 KL/Year, Monomers @ 60000 KL/Year and Polycol like glycol ammonia taxanol 10000 KL/Year
Products (Name with quantity per day):	Water based paint @ 250000 KL/Year Emulsion @ 100000 KL/Year
By Products, if any (Name with quantity per day) :	--
Details of the machinery and processes:	As per application form.
Details of Effluent Treatment Plant.	Domestic Effluent @ 23.0 KLD - Sewage Treatment Plant (STP) of capacity 30 KLD, Trade Effluent @ 91.0 KLD - Effluent Treatment Plant (ETP) of capacity 150 KLD, followed by RO, MEE & Aglitate Thin Film Evaporator, based on Zero Liquid discharge (ZLD) system
Mode of disposal of Effluent.	Treated domestic effluent @ 23 KLD - onto land for plantation/ gardening of green area within the premises of the project. Treated Trade Effluent @ 91 KLD - to be reused back as cooling water makeup & other process(es) within the premises of the unit (Zero Liquid Discharge).
Standard to be achieved under Water(Prevention & Control of Pollution) Act, 1974;	As prescribed by the CPCB/MoEF&CC/PPCB, from time to time.


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


 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.

^{-st}
Environmental Engineer (PBIP)
for & on behalf of
Chief Environmental Engineer (PDIP)

Invest Punjab - Business First

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

A. GENERAL CONDITIONS

1. This consent is not valid for getting power load from the Punjab State Power Corporation Limited or for getting loan from the financial institutions.
2. The industry shall apply for renewal/further extension in validity of consent atleast two months before expiry of the consent.
3. The industry shall ensure that the effluent discharging through the authorized outlet shall conform to the prescribed standards as applicable from time to time.
4. The industry shall plant minimum of three suitable varieties of trees at the density of not less than 1000 trees per hectare all along the boundary of the industrial premises.
5. The achievement of the adequacy and efficiency of the effluent treatment plant/pollution control devices/recirculation system installed shall be the entire responsibility of the industry.
6. The industry shall ensure that the Hazardous Wastes generated from the premises are handled as per the provisions of the Hazardous Wastes(Management, Handling and Trans boundary Movement) Rules, 2008 as amended time to time, without any adverse effect on the environment, in any manner.
7. The responsibility to monitor the effluent discharged from the authorized outlet and to maintain a record of the same rests with the industry. The Board shall only test check the accuracy of these reports for which the industry shall deposit the samples collection and testing fee with the Board as and when required.
8. The industry shall submit balance sheet of every financial year to the concerned Regional Office by 30th June of every year.
9. The industry shall submit a yearly certificate to the effect that no addition/up-gradation/modification/modernization has been carried out during the previous year otherwise the industry shall apply for the varied consent.
10. During the period beginning from the date of issuance and the date of expiration of this consent, the applicant shall not discharge floating solids or visible foam.
11. Any amendments/revisions made by the Board in the tolerance limits for discharges shall be applicable to the industry from the date of such amendments/revisions.
12. The industry shall not change or alter the manufacturing process(es) so as to change the quality and/or quantity of the effluents generated without the written permission of the Board.
13. Any upset conditions in the plant/plants of the factory, which is likely to result in increased effluent and/or result in violation of the standards lay down by the Board shall be reported to the Environmental Engineer, Punjab Pollution Control Board of concerned Regional Office immediately failing which any stoppage and upset conditions that come to the notice of the Board/its officers, will be deemed to be intentional violation of the conditions of consent.
14. The industry shall provide terminal manhole(s) at the end of each collection system and a manhole upstream of final outlet (s) out of the premises of the industry for measurement of flow and for taking samples.
15. The industry shall for the purpose of measuring and recording the quantity of water consumed and effluent discharged, affix meters of such standards and at such places as approved by the Environmental Engineer, Punjab Pollution Control Board of the concerned Regional Office.
16. The industry shall maintain record regarding the operation of effluent treatment plant i.e. record of quantity of chemicals and energy utilized for treatment and sludge generated from treatment so as to satisfy the Board regarding regular and proper operation of pollution control equipment.



17. The industry shall provide online monitoring equipment for the parameters as decided by concerned Regional Office with the effluent treatment plant/air pollution control devices installed, if applicable.

18. The pollution control devices shall be interlocked with the manufacturing process of the industry.

19. The authorized outlet and mode of disposal shall not be changed without the prior written permission of the Board

20. The industry shall comply with the conditions imposed by the SEIAA / MOEF in the environmental clearance granted to it as required under EIA notification dated 14/9/06, if applicable.

21. The industry shall obtain and submit insurance cover as required under the Public Liability Insurance Act, 1991

22. The industry shall not use any unauthorized out-let(s) for discharging effluents from its premises. All unauthorized outlets, if any, shall be connected to the authorized outlet within one month from the date of issue of this consent.

23. The industry shall make necessary arrangements for the monitoring of effluent being discharged by the industry and shall monitor its effluents:-

(i) Once in Year for Small Scale Industries

(ii) Four in a Year for Large/Medium Scale Industries

(iii) The industry will submit monthly reading/ data of the separate energy meter installed for running of effluent treatment plant/re-circulation system to the concerned Regional Office of the Board by the 5th of the following month

24. The industry shall provide electromagnetic flow meters at the source of water supply, at inlet/outlet of effluent treatment plant within one month and shall maintain the record of the daily reading and submit the same to the concerned Regional Office by the 5th of the following month.

25. The Board reserves the right to revoke this consent at any time in case the industry is found violating any of the conditions of this consent and/or the provisions of Water (Prevention & Control of Pollution) Act, 1974 as amended from time to time.

26. The issuance of this consent does not convey any property right in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Central, State or Local Laws or Regulations.

27. The consent does not authorize or approve the construction of any physical structures or facilities for undertaking of any work in any natural watercourse

28. Nothing in this consent shall be deemed to neither preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities or penalties to which the applicant is or may be subjected under this or any other Act.

29. The industry shall make necessary and adequate arrangements to hold back the effluent in case of failure of septic tank.

30. The diversion or bye pass of any discharge from facilities utilized by the applicant to maintain compliance with the terms and conditions of this consent is prohibited except,

(i) Where unavoidable to prevent loss of life or some property damage or

(ii) Where excessive storm drainage or run off would damage facilities necessary for compliance with terms and conditions of this consent. The applicant shall immediately notify the consent issuing authority in writing of each such diversion or bye-pass.

31. The industry shall ensure that no water pollution problem is created in the area due to discharge of effluents from its industrial premises

32. The industry shall comply with the code of practice as notified by the Government/ Board for the type of industries where the siting guidelines/ code of practice have been notified
33. Solids, sludge, filter backwash or other pollutant removed from or resulting from treatment or control of waste waters shall be disposed off in such a manner to prevent any pollutants from such materials from entering into natural water.
34. The industry shall re-circulate the entire cooling water and shall also re-circulate/reuse to the maximum extent the treated effluent in processes.
35. The industry shall make necessary and adequate arrangements to hold back the effluent in case of failure of re-circulation system/ effluent treatment plant.
36. The industry shall make proper disposal of the effluent so as to ensure that no stagnation occurs inside and outside the industrial premises during rainy season and no demand period
37. Where excessive storm water drainage or run off, would damage facilities necessary for compliance with terms and conditions of this consent, the applicant shall immediately notify the consent issuing authority in writing of each such diversion or bye-pass.
38. The industry shall submit a detailed plan showing therein the distribution system for conveying waste-water for application on land for irrigation along with the crop pattern for the year.
39. The industry shall ensure that the effluent discharged by it is toxicity free
40. The industry shall not irrigate the vegetable crops with the treated effluents which are used/ consumed as raw.
41. Drains causing oil & grease contamination shall will be segregated. Oil & grease trap shall be provided to recover oil & grease from the effluent.
42. The industry shall establish sufficient number of piezometer wells in consultation with the concerned Regional Office, of the Board to monitor the impact on the Ground Water Quantity due to the industrial operations, and the monitoring shall be submitted to the Environmental Engineer of the concerned Regional Office by the 5th of every month.
43. The industry shall ensure that its production capacity & quantity of trade effluent do not exceed the quantity mentioned in the consent and shall not carry out any expansion without the prior permission/NOC of the Board.

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

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

B. SPECIAL CONDITIONS

1. This consent to operate has been granted for manufacturing of Water based paint @ 250000 KL/Year and Emulsion @ 100000 KL/Year, only.
2. The industry shall only manufacture the products and limit their quantities, for which it has been granted consent to operate from the Board. It shall not manufacture any other product without the prior written permission of the Board/ Competent Authority.
3. The industry shall not increase the production capacity of the unit beyond the quantities mentioned in the Environmental Clearance issued to it by SEIAA, Punjab without obtaining revised Environmental Clearance from the Competent Authority.
4. The industry shall comply with the conditions of Environmental Clearance granted to it by the SEIAA, Punjab, vide SEIAA/PB/IND/2021/EC/23 dated 19.01.2021, in true letter & spirit.
5. The industry shall always comply with guidelines issued by PPCB/CPCB for time to time.
6. The industry shall adopt & follow the Lead Free Paint Guidelines in true letter & spirit.
7. The adequacy and efficacy of the Effluent Treatment Plant (ETP), Sewage Treatment Plant (STP) and Multi Effect Evaporator (MEE) installed by the industry its premises, is the entire responsibility of the industry.
8. The industry shall adopt Zero Liquid Discharge (ZLD) system, at all times and use the entire quantity of treated trade effluent back into the process and shall not discharge the same within or outside its premises, under any circumstance. The industry shall maintain the record of the readings of the Flow meter provided at the re-circulation line, at all times.
9. The industry shall regularly operate & maintain its effluent treatment plant and the treated effluent shall be reused in the process in accordance with the water balance submitted by it.
10. The industry shall keep the record of freshwater consumed/ treated wastewater/ re-circulated water and treated water discharged onto land for plantation within and outside the industry on daily basis and shall submit the same to the Board on monthly basis.
11. The industry shall maintain adequate plantation area as well as permanent pipeline network for uniform distribution of wastewater in the entire plantation area, so that no stagnation of wastewater occurs inside, outside or in the plantation area at any time.
12. The industry shall not discharge any trade & domestic effluent (treated or untreated) into chow / drain /river or inland surface water at any time or any other unauthorized place by any unauthorized means and shall reuse the treated effluent in the process in accordance with the water balance submitted by it. Further, the industry shall stick to the water balance submitted by it.
13. 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.
14. The industry shall comply with the guidelines issued by the PWRDA, from time to time.
15. 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.
16. 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.
17. The industry shall comply with the provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
18. The industry shall comply with the provisions of Solid Waste Management Rules, 2016.
19. The industry shall comply with the provisions of the Plastic Waste Management Rules, 2016.
20. The industry shall obtain all the statutory approvals/clearances from the concerned departments.
21. This Consent is being issued to the industry based upon the documents/ information submitted by it.

along with the online application form. The Board would be at liberty to take penal action against the industry and its responsible/ concerned person(s) in case information/document is detected as incorrect/false/misleading at any point of time, without any opportunity of Personal Hearing.

22. In case the industry fails to comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, Environment (Protection) Act, 1986 and/or any other environmental law applicable to the project and Rules, Circulars & Directions issued by the Board from time to time, action as deemed fit shall be taken against the industry.

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

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

PUNJAB WATER REGULATION AND DEVELOPMENT AUTHORITY
 sec 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



[Signature]
 01/06/2023
 Director, PWRDA

[Signature]
 01/06/2023

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

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.



GRASIM INDUSTRIES LIMITED
(Birla Paints Division)

Plot Nos. B-1 & D-02(P), Hi-Tech Valley,
Village: Dhanansu, District: Ludhiana. (Pb)-141112.



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-Dhanansu Ludhiana-141112 is hereby granted an authorization 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/Auh/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-Dhanansu 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 intermediates (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>Schedule 1 3.1-Cargo residue, washing water and sludge containing oil 6 T, Schedule 1 3.3-Sludge and filters contaminated with oil 5 T, Schedule 1 5.1-Used or spent oil 30 T, Schedule 1 20.1-Contaminated aromatic, aliphatic or naphthenic solvents may or may not be fit for reuse 20 T, Schedule 1 20.3-Distillation residues 71 T, Schedule 1 21.1-Process wastes, residues and sludges 90 T, Schedule 1 23.1-Wastes or residues (not made with vegetable or animal materials) 68 T, Schedule 1 33.1-Empty barrels/containers/liners contaminated with hazardous chemicals/wastes 19 T, Schedule 1 33.1-Empty barrels/containers/liners contaminated with hazardous chemicals/wastes 80 T, Schedule 1 35.1-Exhaust Air or Gas cleaning residue 4 T, Schedule 1 35.2-Spent ion exchange resin containing toxic metals 0 T, Schedule 1 35.3-Chemical sludge from waste water treatment 150 T, Schedule 1 35.4-Oil and grease skimming 10 T, Schedule 1 36.2-Spent carbon or filter medium 7.5 T, Schedule 1 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



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



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.

Environmental Engineer (PB/P)
for & on behalf of
Chief Environmental Engineer (PB/P)

Page 3 of 5

GRASIM INDUSTRIES LIMITED
(Birla Paints Division)
Plot Nos. 6-1 & 6-02(P), Hi-Tech Valley,
Village: Dhanasa, District: Ludhiana, (Pb)-141112

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.

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

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 S.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-cona-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 (PB/P)
for & on behalf of
Chief Environmental Engineer (PB/P)



Page 5 of 5

FORM II
(See Rule 10)

APPLICATION FOR AUTHORIZATION OR RENEWEL OF AUTHORISATION
(To be submitted by occupier of Health Care Facility or Common Bio-Medical Waste Treatment Facility)

To

The Member Secretary,
Punjab Pollution Control Board,
Vatavaran Bhawan Nabha Road, Patiala,
Pin-147001

1	Particulars of the applicant:	
i)	Name of the applicant	: Harikrishna Agarwal
	Designation	: Occupier
ii)	Name of the Institution	: Grasim Industries Limited
	Address for correspondence	: Plot nos. B-1, D-02 (P), Hi-Tech Valley, Village Dhanansu, District-Ludhiana, Punjab
	Landline phone No	: -
	Mobile No.	: 8979214555
	E-mail Id	: sandeep.sengar@adityabirla.com
2	Particulars of HCF	
i)	Name of HCF or CBWTF	: Grasim Industries Limited
ii)	BMW Facility Type	: HCF
iii)	BMW Facility Status	: CBWTF-Common Facility
iv)	CBWTF-location of treatment and disposal	: Opps. Central Jail, Tajpur Road, Ludhiana.
v)	Office address of treatment and disposal	: M/s Medicare Environmental Management Pvt. Ltd.
vi)	Address of the location of Health Care Facility or CBWTF	: Plot nos. B-1, D-02 (P), Hi-Tech Valley, Village Dhanansu, District-Ludhiana, Punjab
3	Details of HCF	
i)	Medical Treatment Facility provided to Outpatients	: 0
ii)	Medical Treatment Facility provided to Inpatients	: 0
iii)	Number of Beds/Dental Chairs (for HCF)	: 0
iv)	For Non bedded Hospital (Specify)	: Occupational Health Center (OHC) at Industry
v)	Blood Bank Facility/Microbiology	: -
vi)	Total number of inpatients & outpatients treated per month in the HCF	: 0
vii)	GPS Coordinates- Lat/Lon of the location of	: Latitude: 30.941802 (N Decimal degrees)


applicant facility(In decimal degress with 6	Longitude: 76.000288 (E Decimal degrees)
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4 Particulars of Application	
HCF/CBWTF ID	: R21LDH1979056
Application No.	: 24231189
i) Authorization now Applied For :	: Fresh
ii) Activity for which authorization is sought	: Generation, segregation,Storage,Disposal or destruction use.
iii) Previous Authorization Details	: -
iv) Status of CTE/CTO-latest consent type, issued date and validity date	: Air Consent: Issued on 11.10.2023 Valid till-31.03.2026 Water Consent: Issued on 11.10.2023 Valid till-31.03.2026

5 Particulars of Bio-medical Waste	
i) Quantity of BMW handled, treated or disposed:	

Category	Type of Waste	Quantity Generated or collected in Kg/day or Ltr/day	Method of Treatment and Disposal as per Schedule-I
Yellow	a)Expired or Discarded Medicines	0.20	Incineration
	b) Chemical Liquid Waste	0	Select Status
	c)Discarded linen, mattresses, beddings contaminated with blood or body fluid, Anatomical Waste, Human Anatomical Waste, Chemical Solid Waste, Microbiology, Biotechnology and other clinical laboratory wast	0.25	Incineration
Red	Contaminated waste (Recyclable)	0.15	Autoclaving followed by shredding. Treated waste to be sent to Authorised recyclers or for energy recovery or plastic to Diesel or fuel oil or for road making
White(Translucent)	Waste sharps including Metals	0.10	Autoclaving followed by shredding. Treated waste to be sent to Iron foundries or sanitary landfill or designated concrete waste sharp pit.
Blue	Glassware and Metallic Body Implants	0.50	Disinfection or Autoclaving or microwaving or hydroclaving and then sent for recycling
	Total	1.20 Kg/Day or Ltr/day	

6 Website	: -
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7	Mode of Transportation of BMW	: Common Facility Vehicle
8	Details of directions or notices or legal actions if any during the period of earlier authorisation	-

9	Declaration
	<p>I do hereby declare that the statements made and information given above is true to the best of my knowledge and belief and that I have not concealed any information.</p> <p>I do also hereby undertake to provide any further information sought by the prescribed Authority in relation to these rules and to fulfil any conditions stipulated by the prescribed Authority.</p>

Date: 21/11/2023

Signature of the applicant
Name: Harikrishna Agarwal
Designation: Occupier

Enclosures:

1. Site Plan
2. Location Plan
3. Copy of Agreement with CBWTF
4. Affidavit/ Self Declaration for Bed Capacity/ No. of Samples/ Chairs
5. Copy of the Air and Water Consent granted
6. Affidavit Self Declaration for Ownership
7. Affidavit/Self Declaration for Liquid Waste Treatment
8. Compliance Report of previous Authorization (incase of renewal)
9. Copy of the manifests of lifting of waste
10. Copy of the previous Annual Report (incase of renewal)



Ref. Grasin/LDH/EHS/2023/23

Date: 06.11.2023

To,

The Director of Factories, Punjab
Labour Bhawan (Model Welfare Centre),
Phase-10, Mohali
Punjab

Subject: Submission of Schedule 8 (Safety Report) as per The Manufacture, Storage & Import of Hazardous Chemical Rules, 1989

Respected Sir,

Please find attached Schedule 8 (Safety Report) with its all annexures.

Please review & acknowledge.

Thanking you,
For Grasin Industries Limited
Birla Paints Division

For Grasin Industries Ltd.
(Birla Paints Division)

Auth. Signatory

Authorized Signatory

CC: Deputy Director of Factories, Ludhiana

07-11-23

Deputy Director of Factories
Circle 5 Ludhiana

Grasin Industries Limited
(Birla Paints Division)

Site Address: Plot No. A-01 & O-02, High Tech Cyber Valley, Dhanansu, Ludhiana-141112
W: www.adityabirla.com

GRASIM INDUSTRIES LIMITED
(Birla Paints Division)
Plot No. A-01 & O-02(P), Hi-Tech Valley,
Village: Dhanansu, District Ludhiana, (Pb)-141112



Ref: Grasin/LDH/SHS/2023/24

Date: 04.11.2023

To,

The Director of Factories, Punjab
Labour Bhawan (Model Welfare Centre),
Phase-10, Mohali
Punjab

Subject: Submission of Onsite Emergency Plan as per The Manufacture, Storage & Import of Hazardous Chemical Rules, 1989

Respected Sir,

Please find attached Onsite Emergency Plan with its all annexures.

Please review & acknowledge


Thanking you,
For Grasin Industries Limited
Birla Paints Division


For Grasin Industries Ltd.
(Birla Paints Division)

Auth. Signatory

Authorized Signatory

CC: Deputy Director of Factories, Ludhiana


Deputy Director of Factories
Circle / Ludhiana

11-23



Grasim Industries Limited
(Birla Paints Division)

Site Address: Plot No. A-01 & D-02, High Tech Cyber Valley, Dhanassu, Ludhiana
W: www.adityabirla.com

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

ADITYA BIRLA



GRASIM

Date: 9th Oct '23

To,

The Director of Factories, Punjab
Labour Bhawan (Model Welfare Centre),
Phase-10, Mohali
Punjab

Subject: Submission of Schedule 7 (Information for The Notification of Sites) as per The Manufacture, Storage & Import of Hazardous Chemical Rules, 1989

Respected Sir,


Please find attached Schedule 7 (Information for The Notification of Sites) with its all annexures.

Please review & acknowledge.

Thanking you,
For Grasim Industries Limited
Birla Paints Division
For Grasim Industries Ltd.
(Birla Paints Division)


Authorized Signatory

CC: Deputy Director of Factories, Ludhiana


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09/10/2023


10/10/2023


GRASIM INDUSTRIES LIMITED
(Birla Paints Division)
Plot Nos. B-1 & D-02(P), Hi-Tech Valley,
Phase-10, Mohali, Punjab - 141112

Grasim Industries Limited
(Birla Paints Division)
Site Address: Plot No. B-01 & D-02, High Tech Valley, Dharamsala, Ludhiana, Punjab - 141112
W: www.adityabirla.com



HARYANA TEST HOUSE

& Consultancy Services



51-C, Sector-25 Part-II, HUDA, PANIPAT-132 103 (HR.)

Contact : (Off.) 86077-70160, 0181-4067223, (Env.) 86077-70164, (BM) 86077-70166, (Food) 86077-70169
Web Site : www.haryanatesthouse.net, e-mail : haryanatesthousees@gmail.com, info@haryanatesthouse.net

An ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Certified Laboratory

TEST REPORT

Issued To: Grasim Industries Limited (Birla Paints Division) Plot Nos B 1 and D 02 P, Pandurang Budhkar Marg, Hi Tech Valley, Dhanansu, Ludhiana (PB) 141111 Ludhiana	Report No. : HTH/EP/230908001
	ULR No. : TC781123100006346F
	Party's Ref No. : Nil
	Booking Date : 08/09/2023
	Period of Testing : 08/09/2023 To 14/09/2023
	Reporting Date : 15/09/2023

Sample Description : Ambient Air Quality Monitoring

Type of Industry : Integrated Paint Manufacturing Unit
Date & time of sampling : 07/09/2023 (10:00 Hrs) to 08/09/2023 (10:00 Hrs)
Sample Location : At Main Gate
Instrument used : RDS Model APM-460 BL (Sr. No. 2305 DTB 2023)
Instrument Calibration Status : Calibrated (upto 24.01.2024)
Purpose of analysis : Monitoring
Sample collected/ supplied by : By our LAB. Representative
A. Observations:
 1. Sampling flow rate (Avg.) : 1.26 m³/min
 2. Total volume of air sampled : 1747.71 m³
 3. Period of sampling : 24 Hrs

S.N.	Test Parameters	Units	Result	Standard Limits (NAAQS)	Test Method
Discipline - Chemical, Group - Atmospheric Pollution					
1.	Particulate Matter (PM10)	µg/m ³	82.05	100 max	IS 5182 (Part-73) : 2006
2.	Particulate Matter (PM 2.5)	µg/m ³	51.47	60 max	IS 5182 (Part-74) : 2019
3.	Sulphur Dioxide (SO ₂)	µg/m ³	18.21	80 max	IS 5182 (Part-2) : 2001
4.	Nitrogen Dioxide (NO ₂)	µg/m ³	34.03	80 max	IS 5182 (Part-6) : 2006
5.	Ammonia (NH ₃)	µg/m ³	40.59	400 max	IS 5182 (Part-25) : 2018
6.	Ozone (O ₃)	µg/m ³	17.21	100 max	IS 5182 (Part-9) : 1974
7.	Carbon Monoxide (CO)	mg/m ³	0.573	4 max	IS 5182 (Part-10) : 1999
8.	Benzene (C ₆ H ₆)	µg/m ³	BLQ (LOQ-6.52)	5 max	IS 5182 (Part-11) : 2006
9.	Benzo - Pyrene (BaP)	ng/m ³	BLQ (LOQ-0.1)	1 max	IS 5182 (Part-12) : 2004
10.	Lead (Pb)	µg/m ³	BLQ (LOQ-0.02)	1 max	IS 5182 (Part-22) : 2004
11.	Nickel (Ni)	ng/m ³	BLQ (LOQ-2)	20 max	HTH/EP/7.2/2/ICP-01 SOP No 17
12.	Arsenic (As)	ng/m ³	BLQ (LOQ-1)	6 max	HTH/EP/7.2/2/ICP-01 SOP No 17

End of Report

Remarks : Standard limits are as per CPCB notification Nov. 2009
 BLQ : Below limit of Quantification / LOQ : Limit of Quantification

Reviewed by

 T.M. (Chemical)

Note : 1. Test report shall not be reproduced in whole or in part and cannot be used as evidence in the court of Law.
 2. This report is only for your guidance, and not for legal purposes, commercial decision, and for advertisement.
 3. Samples will be destroyed after one month from the date of issue of test report unless otherwise specified.

Basudev Singh
 T. M. (Chemical)

Page No.: 1 of 1

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



HARYANA TEST HOUSE

& Consultancy Services

59-C, Sector-25 Part-II, HUDA, PANIPAT-133 103 (HR.)

Contact : (Off) 86077-70166, 0180-4667223, (Env) 86077-70164, (BM) 86077-70166, (Food) 86077-70169
Web Site : www.haryanatesthouse.net, e-mail : haryanatesthouse@gmail.com, info@haryanatesthouse.net



An ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Certified Laboratory

TEST REPORT

Issued To: Grasim Industries Limited (Birla Paints Division) Plot Nos B 1 and D 02 P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dhanansu, Ludhiana (PB) 141111 Ludhiana	Report No. : HTH/EP/230918004 ULR No. : TC78112310006584F Party's Ref No. : Nil Booking Date : 18/09/2023 Period of Testing : 18/09/2023 to 23/09/2023 Reporting Date : 23/09/2023
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Sample Description : Ambient Air Quality Monitoring

Type of Industry	: Integrated Paint Manufacturing Unit
Date & time of sampling	: 16/09/2023 (10:00 Hrs) to 17/09/2023 (10:00 Hrs)
Sample Location	: Near ETP Area
Instrument used	: RDS Model APM-450 BL (Sr. No. 2305 DTB 2018)
Instrument Calibration Status	: Calibrated (upto 24.01.2024)
Purpose of analysis	: Monitoring
Sample collected/ supplied by	: By our Lab. Representative
A. Observations:	
1. Sampling flow rate (Avg.)	: 1.28 m ³ /min
2. Total volume of air sampled	: 1866.60 m ³
3. Period of sampling	: 24 Hrs

S.N.	Test Parameters	Units	Result	Standard Limits (NAAQS)	Test Method
Discipline - Chemical, Group - Atmospheric Pollution					
1.	Particulate Matter (PM10)	µg/m ³	91.07	100 max	IS 5182 (Part-23) : 2006
2.	Particulate Matter (PM 2.5)	µg/m ³	50.88	60 max	IS 5182 (Part-24) : 2019
3.	Sulphur Dioxide (SO ₂)	µg/m ³	23.69	80 max	IS 5182 (Part-2) : 2001
4.	Nitrogen Dioxide (NO ₂)	µg/m ³	41.38	80 max	IS 5182 (Part-6) : 2006
5.	Amonia (NH ₃)	µg/m ³	23.86	400 max	IS 5182 (Part-25) : 2018
6.	Ozone (O ₃)	µg/m ³	38.52	100 max	IS 5182 (Part-9) : 1974
7.	Carbon Monoxide (CO)	mg/m ³	0.687	4 max	IS 5182 (Part-10) : 1999
8.	Benzene (C ₆ H ₆)	µg/m ³	BLQ (LOQ:0.52)	5 max	IS 5182 (Part-11) : 2006
9.	Benzo - Pyrene (BaP)	ng/m ³	BLQ (LOQ:0.1)	1 max	IS 5182 (Part-12) : 2004
10.	Lead (Pb)	µg/m ³	BLQ (LOQ:0.02)	1 max	IS 5182 (Part-22) : 2004
11.	Nickel (Ni)	ng/m ³	BLQ (LOQ:2)	20 max	HTH/QF/7.2/2/PCP-01.SCP No 17
12.	Arsenic (As)	ng/m ³	BLQ (LOQ:1)	6 max	HTH/QF/7.2/2/PCP-01.SCP No 17

End of Report

Remarks : Standard limits are as per CPCB notification Nov. 2009
BLQ : Below Limit of Quantification / LOQ : Limit of Quantification

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

[Signature]
23-09-2023

Review by



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HARYANA TEST HOUSE & Consultancy Services

50-C, Sector-25 Part-II, HUDA, PANIPAT-133 103 (HR.)

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TEST REPORT

Issued To: Grasim Industries Limited (Birds Paints Division) Plot Nos B-1 and D-02 P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dhanansu, Ludhiana (PB) 141111 Ludhiana	Report No. : HTH/EP/230925052
	ULR No. : TC781123100006808F
	Party's Ref No. : Nil
	Booking Date : 25/09/2023
	Period of Testing : 25/09/2023 To 03/10/2023
	Reporting Date : 03/10/2023

Sample Description : Ambient Air Quality Monitoring

Type of Industry :	Integrated Paint Manufacturing Unit
Date & time of sampling :	23/09/2023 (10:00 Hrs) to 24/09/2023 (10:00 Hrs)
Sample Location :	Near WBP Area
Instrument used :	RDS Model AFM- 460 BL (Sr. No. 2305 DTB 2018)
Instrument Calibration Status :	Calibrated (upto 24.01.2024)
Purpose of analysis :	Monitoring
Sample collected/ supplied by :	By our Lab. Representative

A. Observations:

1. Sampling flow rate (Avg.) : 1.28 m³/min
2. Total volume of air sampled : 1914.70 m³
3. Period of sampling : 24 Hrs

S.N.	Test Parameters	Units	Result	Standard Limits (NAAQS)	Test Method
Discipline - Chemical, Group - Atmospheric Pollution					
1	Particulate Matter (PM10)	µg/m ³	91.81	100 max	IS 5182 (Part-23) : 2006
2	Particulate Matter (PM 2.5)	µg/m ³	44.11	60 max	IS 5182 (Part-24) : 2019
3	Sulphur Dioxide (SO ₂)	µg/m ³	22.60	80 max	IS 5182 (Part-2) : 2001
4	Nitrogen Dioxide (NO ₂)	µg/m ³	35.29	80 max	IS 5182 (Part-6) : 2006
5	Ammonia (NH ₃)	µg/m ³	40.38	400 max	IS 5182 (Part-25) : 2018
6	Ozone (O ₃)	µg/m ³	19.35	100 max	IS 5182 (Part-9) : 2004
7	Carbon Monoxide (CO)	mg/m ³	0.087	4 max	IS 5182 (Part-10) : 1999
8	Benzene (C ₆ H ₆)	µg/m ³	BLQ (LOQ:0.52)	5 max	IS 5182 (Part-13) : 2006
9	Benzene - Pyrene (BaP)	ng/m ³	BLQ (LOQ:0.1)	1 max	IS 5182 (Part-12) : 2004
10	Lead (Pb)	µg/m ³	BLQ (LOQ:0.02)	1 max	IS 5182 (Part-22) : 2004
11	Nickel (Ni)	ng/m ³	BLQ (LOQ:2)	20 max	HTH/01/7.2/ACP-01 SOP No 17
12	Arsenic (As)	ng/m ³	BLQ (LOQ:1)	6 max	HTH/01/7.2/ACP-01 SOP No 17

End of Report

Remarks : Standard limits are as per CPCB notification Nov. 2009
BLQ - Below limit of Quantification / LOQ : Limit of Quantification

Checked by
3/10/23

GRASIM INDUSTRIES LIMITED
(Birds Paints Division)
Plot Nos. B-1 & D-02(P), Hi-Tech Valley,
Village, Dhanansu, District Ludhiana (Pb)-141111

Signature: T. M. (Chemical)



Page No.: 1 of 1

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3. Sample not drawn by HTH unless otherwise specified.

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



HARYANA TEST HOUSE

& Consultancy Services

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TEST REPORT

Issued To: Grasim Industries Limited (Birla Paints Division) Plot Nos B 1 and D 02 P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dhanansu, Ludhiana (Pb) 141111 Ludhiana	Report No. : HTH/EP/230930003 ULR No. : TC781123100006997F Party's Ref No. : Nil Booking Date : 30/09/2023 Period of Testing : 30/09/2023 To 07/10/2023 Reporting Date : 07/10/2023
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Sample Description : Ambient Air Quality Monitoring

Type of Industry	: Integrated Paint Manufacturing Unit
Date & time of sampling	: 25/09/2023 (10:00 Hrs) to 30/09/2023 (10:00 Hrs)
Sample Location	: At RM Parking
Instrument used	: RDS Model APM-460 BL (Sr. No. 2305 DTB 2018)
Instrument Calibration Status	: Calibrated (upto 24.01.2024)
Purpose of analysis	: Monitoring
Sample collected/ supplied by	: By our Lab. Representative
A. Observations:	
1. Sampling flow rate (Avg.)	: 1.23 m ³ /min
2. Total volume of air sampled	: 1778.58 m ³
3. Period of sampling	: 24 Hrs

S.N.	Test Parameters	Units	Result	Standard Limits (MAQS)	Test Method
Discipline - Chemical, Group - Atmospheric Pollution					
1.	Particulate Matter (PM10)	µg/ m ³	91.76	100 max	IS 5182 (Part-23) : 2006
1.	Particulate Matter (PM 2.5)	µg/ m ³	49.29	60 max	IS 5182 (Part-24) : 2019
3.	Sulphur Dioxide (SO ₂)	µg/ m ³	19.63	80 max	IS 5182 (Part-2) : 2000
4.	Nitrogen Dioxide (NO ₂)	µg/ m ³	40.23	80 max	IS 5182 (Part-6) : 2006
5.	Ammonia (NH ₃)	µg/ m ³	24.15	400 max	IS 5182 (Part-25) : 2008
6.	Ozone (O ₃)	µg/ m ³	23.31	100 max	IS 5182 (Part-9) : 1974
7.	Carbon Monoxide (CO)	mg/ m ³	0.573	4 max	IS 5182 (Part-10) : 1999
8.	Benzene (C ₆ H ₆)	µg/ m ³	BLQ (LOQ:0.32)	5 max	IS 5182 (Part-13) : 2006
9.	Benzene - Pyrene (BzP)	ng/ m ³	BLQ (LOQ:0.1)	1 max	IS 5182 (Part-12) : 2004
9.	Benzene - Pyrene (BzP)	µg/ m ³	BLQ (LOQ:0.02)	1 max	IS 5182 (Part-22) : 2004
10.	Lead (Pb)	ng/ m ³	BLQ (LOQ:2)	20 max	HTH/CF/7.2/2/ICP-01 SOP No 17
11.	Nickel (Ni)	ng/ m ³	BLQ (LOQ:1)	6 max	HTH/CF/7.2/2/ICP-01 SOP No 17
12.	Arsenic (As)	ng/ m ³	BLQ (LOQ:1)	6 max	HTH/CF/7.2/2/ICP-01 SOP No 17

End of Report

Remarks : Standard limits are as per CPCB notification Nov. 2009
 BLQ : Below limit of Quantification / LOQ : Limit of Quantification

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

Review by
 07.10.2023



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Grasim Industries Ltd.
Form No. GR-100 (REV. 01/2018)

S. No.	Identification Number / Stock description as per schedule	Quantity	Type of Stock	Particulars/Description	Stock No.	Stock length from ground level	Height of structure including foundation	Stock height above building level	Additional Comments
1	Stock No. 1	000000	Stock	MS (A/1)	1	00	22.5	22.5	Stock height
2	Stock No. 2	000000	Stock	MS (A/2)	2	00	22.5	22.5	Stock height
3	Stock No. 3	111111	Stock	MS (A/3)	3	00	22.5	22.5	Stock height
4	Stock No. 4	222222	Stock	MS (A/4)	4	00	22.5	22.5	Stock height
5	Stock No. 5	333333	Stock	MS (A/5)	5	00	22.5	22.5	Stock height
6	Stock No. 6	444444	Stock	MS (A/6)	6	00	22.5	22.5	Stock height
7	Stock No. 7	555555	Stock	MS (A/7)	7	00	22.5	22.5	Stock height
8	Stock No. 8	666666	Stock	MS (A/8)	8	00	22.5	22.5	Stock height
9	Stock No. 9	777777	Stock	MS (A/9)	9	00	22.5	22.5	Stock height
10	Stock No. 10	888888	Stock	MS (A/10)	10	00	22.5	22.5	Stock height


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



HARYANA TEST HOUSE & Consultancy Services

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TC-7911



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TEST REPORT

Issued To: Grasim Industries Limited (Birla Paints Division) Plot Nos B-1 and D-02 P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dhanansu, Ludhiana (PB) 141111	Report No. : HTH/W1/230513008 ULR No. : TC781123200001086F Party's Ref No. : Nil Booking Date : 13/05/2023 Period of Testing : 13/05/2023 To 18/05/2023 Reporting Date : 18/05/2023
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Sample Description : Borewell Water Sample Type of Industry : Construction Date of sampling : 13/05/2023 Date of receipt of sample : 13/05/2023 Environmental Condition : Temp. 34°C & Humidity 31% Sampling Reference Protocol : IS 1622 : 1981 REFERENCE TO PROTOCOL : IS 10500:2012 Amend No. 4 Nov. 2021	Sample Name : Borewell Water (B-1) Sample quantity : 15 ltr. + 250 ml in sterilized bottle Sample Location : Borewell No. 1 Purpose of analysis : Monitoring Sampling Done by : By our Lab. Representative
---	---

TEST RESULTS

S.N.	Parameter's	Unit's	Results	Acceptable Limit's	Permissible Limit's	Method of Analysis
Discipline - Chemical, Group -Water						
Organoleptic and Physical Parameter's						
1	Colour (Hazen)	-	1.0	5 Max.	15 Max.	IS 3025 (P-4)-2012
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (P-5)-2012
3	pH	-	7.7	6.5-8.5	No Relaxation	IS 3025 (P-11)-1983
4	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (P-7 & 8)-1984
5	Turbidity (NTU)	-	<1.0	1 Max.	5 Max.	IS 3025 (P-10)-1984
6	Total Dissolved Solids (TDS)	mg/l	378.9	500 Max.	1000 Max.	IS 3025 (P-16)-1984
General parameters Concerning Substances undesirable in excessive amount						
1	Total Ammonia (as N)	mg/l	BLQ(LOQ:0.2)	0.5 Max.	No Relaxation	IS 3025 (P-34)-2021
2	Anionic Detergents (as MBAS)	mg/l	BLQ(LOQ:0.05)	0.2 Max.	1.0 Max.	Annex K of IS 13426
3	Calcium (as Ca)	mg/l	48.3	75 Max.	200 Max.	IS 3025 (P-40)-2021
4	Chloramines (as Cl ₂)	mg/l	BLQ(LOQ:0.2)	4.0 Max.	No Relaxation	IS 3025 (P-26)-2021
5	Chloride (as Cl)	mg/l	11.0	150 Max.	3000 Max.	IS 3025 (P-32)-1988
6	Fluoride (as F)	mg/l	0.55	1.0 Max.	1.5 Max.	APHA (4500 F)
7	Free Residual Chlorine	mg/l	BLQ(LOQ:0.1)	0.2 Min.*	1 Min.	IS 3025 (P-29)-2021
8	Magnesium (as Mg)	mg/l	30.44	30 Max.	300 Max.	IS 3025 (P-46)-1994
9	Mineral oil	mg/l	BLQ(LOQ:0.5)	1.0 Max.	No Relaxation	IS 3025 (P-39)-2021
10	Nitrate (as NO ₃)	mg/l	BLQ(LOQ:1.0)	45 Max.	No Relaxation	IS 3025 (P-34)-1988
11	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	BLQ(LOQ:0.0004)	0.001 Max.	0.002 Max.	IS 3025 (P-43)-1992
12	Sulphate (as SO ₄)	mg/l	34.8	200 Max.	400 Max.	IS 3025 (P-24)-1988
13	Sulphide (as H ₂ S)	mg/l	BLQ(LOQ:0.05)	0.05 Max.	No Relaxation	IS 3025 (P-25)-1988
14	Total Alkalinity (as CaCO ₃)	mg/l	316.0	200 Max.	600 Max.	IS 3025 (P-32)-1988
15	Total Hardness (as CaCO ₃)	mg/l	248.0	200 Max.	600 Max.	IS 3025 (P-21)-2009
16	Cyanide (as CN)	mg/l	BLQ(LOQ:0.02)	0.05 Max.	No Relaxation	IS 3025 (P-17)-2021
Discipline - Chemical, Group -Residue in Water						
METALS						
1	Aluminium (as Al)	mg/l	BLQ(LOQ:0.030)	0.01 Max.	0.2 Max.	HTH/01/7.2/ICP-01_50P

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 Plot Nos. B-1 & D-02(P), Hi-Tech Valley,
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HARYANA TEST HOUSE

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TEST REPORT

Issued To: Grasim Industries Limited (Birla Paints Division) Plot Nos B-1 and D-02 P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dhanansu, Ludhiana (PB) 141111	Report No. : HTH/WT/230513003 UR No. : TC781123200001086F Party's Ref No. : Nil Booking Date : 13/05/2023 Period of Testing : 13/05/2023 To 18/05/2023 Reporting Date : 18/05/2023
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TEST RESULTS

S.No.	Parameter's	Unit's	Results	Acceptable Limit's	Permissible Limit's	Method of Analysis
1						NO-18
2	Barium (as Ba)	mg/l	0.435	0.7 Max.	No Relaxation	HTH/QF/7.2/2/CP-02_SOP NO-18
3	Boron (as B)	mg/l	0.125	0.5 Max.	2.4 Max.	HTH/QF/7.2/2/CP-01_SOP NO-18
4	Copper (as Cu)	mg/l	BLQ(LOQ:0.001)	0.05 Max.	1.5 Max.	HTH/QF/7.2/2/CP-01_SOP NO-18
5	Iron (as Fe)	mg/l	BLQ(LOQ:0.050)	1.0 Max.	No Relaxation	HTH/QF/7.2/2/CP-03_SOP NO-18
6	Manganese (as Mn)	mg/l	0.044	0.1 Max.	0.3 Max.	HTH/QF/7.2/2/CP-01_SOP NO-18
7	Selenium (as Se)	mg/l	BLQ(LOQ:0.005)	0.01 Max.	No Relaxation	HTH/QF/7.2/2/CP-01_SOP NO-18
8	Silver (as Ag)	mg/l	BLQ(LOQ:0.001)	0.1 Max.	No Relaxation	HTH/QF/7.2/2/CP-01_SOP NO-18
9	Zinc (as Zn)	mg/l	BLQ(LOQ:0.05)	5.0 Max.	15 Max.	HTH/QF/7.2/2/CP-01_SOP NO-18
TOXIC SUBSTANCES						
1	Cadmium (as Cd)	mg/l	BLQ(LOQ:0.001)	0.001 Max.	No Relaxation	HTH/QF/7.2/2/CP-01_SOP NO-18
2	Lead (as Pb)	mg/l	BLQ(LOQ:0.001)	0.01 Max.	No Relaxation	HTH/QF/7.2/2/CP-01_SOP NO-18
3	Mercury (as Hg)	mg/l	BLQ(LOQ:0.0005)	0.001 Max.	No Relaxation	HTH/QF/7.2/2/CP-01_SOP NO-18
4	Molybdenum (as Mo)	mg/l	0.003	0.07 Max.	No Relaxation	HTH/QF/7.2/2/CP-01_SOP NO-18
5	Nickel (as Ni)	mg/l	BLQ(LOQ:0.001)	0.02 Max.	No Relaxation	HTH/QF/7.2/2/CP-01_SOP NO-18
6	Total Arsenic (as As)	mg/l	BLQ(LOQ:0.001)	0.001 Max.	No Relaxation	HTH/QF/7.2/2/CP-01_SOP NO-18
7	Total Chromium (as Cr)	mg/l	BLQ(LOQ:0.001)	0.05 Max.	No Relaxation	HTH/QF/7.2/2/CP-01_SOP NO-18
8	Polychlorinated biphenyl (PCB)	mg/l	BLQ(LOQ:0.00005)	0.0005 Max.	No Relaxation	APHA 6036:2012
9	Polynuclear Aromatic Hydrocarbons (PAH)	mg/l	BLQ(LOQ:0.00005)	0.0001 Max.	No Relaxation	APHA 6460:2012
10	Uranium	mg/l	0.027	0.08 Max.	No Relaxation	IS 30250-05:2014
Residual Pesticides						
1	Atrazine	µg/l	BLQ(LOQ:0.01)	20 Max.	No Relaxation	USEPA 525.2

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

Page No.: 2 of 4

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TEST REPORT

Issued To: Grasim Industries Limited (Birla Paints Division) Plot Nos B-1 and D-02 P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dhanansu, Ludhiana (PB) 141111	Report No. : HTH/WT/230513005 URL No. : TC781123200001086F Party's Ref No. : Nil Booking Date : 13/05/2023 Period of Testing : 13/05/2023 To 18/05/2023 Reporting Date : 18/05/2023
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TEST RESULTS

S/N	Parameter's	Unit's	Results	Acceptable limit's	Permissible Limit's	Method of Analysis
2	Abrasive	µg/l	BLQ(LOQ:0.01)	2.0 Max.	No Relaxation	USEPA 525.2
3	Aldrin	µg/l	BLQ(LOQ:0.01)	0.01 Max.	No Relaxation	USEPA 508
4	Dieldrin	µg/l	BLQ(LOQ:0.01)	0.01 Max.	No Relaxation	USEPA 508
5	Alpha - HCH	µg/l	BLQ(LOQ:0.01)	0.01 Max.	No Relaxation	USEPA 508
6	Beta - HCH	µg/l	BLQ(LOQ:0.01)	0.04 Max.	No Relaxation	USEPA 508
7	Gamma - HCH	µg/l	BLQ(LOQ:0.01)	2.0 Max.	No Relaxation	USEPA 508
8	Delta - HCH	µg/l	BLQ(LOQ:0.01)	0.04 Max.	No Relaxation	USEPA 508
9	Rotachlor	µg/l	BLQ(LOQ:0.01)	125 Max.	No Relaxation	USEPA 525.2
10	Chlorpyrifos	µg/l	BLQ(LOQ:0.01)	30 Max.	No Relaxation	USEPA 525.2
11	DDT (p,p and o,p - isomer of DDT, DDE and DDD)	µg/l	BLQ(LOQ:0.01)	1.0 Max.	No Relaxation	USEPA 508
12	O,P-DDT	µg/l	BLQ(LOQ:0.01)	-	No Relaxation	USEPA 508
13	P,P-DDT	µg/l	BLQ(LOQ:0.01)	-	No Relaxation	USEPA 508
14	O,P-DDE	µg/l	BLQ(LOQ:0.01)	-	No Relaxation	USEPA 508
15	P,P-DDE	µg/l	BLQ(LOQ:0.01)	-	No Relaxation	USEPA 508
16	O,P-DDD	µg/l	BLQ(LOQ:0.01)	-	No Relaxation	USEPA 508
17	P,P-DDD	µg/l	BLQ(LOQ:0.01)	-	No Relaxation	USEPA 508
18	Endosulphan (Alpha and Beta and Sulphate)	µg/l	BLQ(LOQ:0.01)	0.6 Max.	No Relaxation	USEPA 508
19	Alpha - Endosulphan	µg/l	BLQ(LOQ:0.01)	-	No Relaxation	USEPA 508
20	Beta - Endosulphan	µg/l	BLQ(LOQ:0.01)	-	No Relaxation	USEPA 508
21	Endosulphan Sulphate	µg/l	BLQ(LOQ:0.01)	-	No Relaxation	USEPA 508
22	Ethion	µg/l	BLQ(LOQ:0.01)	3.0 Max.	No Relaxation	USEPA 8141 A
23	Isopturon	µg/l	BLQ(LOQ:0.01)	9.0 Max.	No Relaxation	USEPA 532
24	Malathion	µg/l	BLQ(LOQ:0.01)	190.0 Max.	No Relaxation	USEPA 8141 A
25	Methyl Parathion	µg/l	BLQ(LOQ:0.01)	0.3 Max.	No Relaxation	USEPA 8141 A
26	Monocrotophos	µg/l	BLQ(LOQ:0.01)	1.0 Max.	No Relaxation	USEPA 8141 A
27	Phorate	µg/l	BLQ(LOQ:0.01)	2.0 Max.	No Relaxation	USEPA 8141 A
28	2,4 - D	µg/l	BLQ(LOQ:0.01)	30.0 Max.	No Relaxation	USEPA 8141 A
Discipline - Biological, Group - Water						
Bacteriological Requirements						
1	Coliform	Per 100 ml	Absent	Shall Not be Detectable	No Relaxation	IS-15185-2016
2	E.coli	Per 100 ml	Absent	Shall Not be Detectable	No Relaxation	IS-15185-2016

Note: 1. Test report shall not be reproduced in whole or in part and cannot be used as an evidence in the court of Law.
 2. This report is only for your reference and not for legal purposes, commercial decision, and for advertisement.
 3. Samples will be destroyed after one month from the date of issue of test report unless otherwise specified.
 4. The results contained in this test report pertain only to the sample tested and not for the whole lot.
 5. Total liability of Haryana Test House is limited to the amount mentioned in the invoice.
 6. Sample not drawn by HTH unless otherwise specified.
 7. The details received from customer are its own responsibility. Lab does not confirm about it and hence does not take any responsibility whatsoever.

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



HARYANA TEST HOUSE & Consultancy Services



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TEST REPORT

<p>Issued To: Grasim Industries Limited (Birla Paints Division) Plot Nos B I and D 02 P, Pandurang Buchkar Marg, Hi Tech Cycle Valley, Dhanansu, Ludhiana (PB) 141111</p>	<p>Report No. : HTH/WT/230513005 ULR No. : TC781123206001006F Party's Ref No. : Nil Booking Date : 13/05/2023 Period of Testing : 13/05/2023 To 18/05/2023 Reporting Date : 18/05/2023</p>
---	--

End of Report

Remarks : Analyzed parameters of water sample conforms to IS 30500:2012 specifications with respect to permissible limits for the above test parameters
BLQ : Below limit of Quantification / LOQ: Limit of Quantification
*If sample is Chlorinated,


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


18/05/23
Nao Jyoti Gupta
H.O.D. (Biological)


18.05.2023
Nao Jyoti Gupta
H.O.D. (Biological)


18/05/23
Md. Asfak Ansari
Sr. Manager (Env.)

Page No.: 4 of 4

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HARYANA TEST HOUSE

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TEST REPORT

Issued To : Grasim Industries Limited (Birla Paints Division) Plot Nos B-1 and D-02 P, Pandurang Budhkar Marg, Hi Tech Cyde Valley, Dhanansu, Ludhiana (PB) 141111 Ludhiana	Report No. : HTH/WT/21092003 MR No. : TG/81/23200002351F Party's Ref No. : Nil Booking Date : 28/09/2023 Period of Testing : 28/09/2023 To 06/10/2023 Reporting Date : 06/10/2023
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Sample Description : Borewell Water Sample Type of Industry : Integrated Pulp Manufacturing Unit Date of sampling : 28/09/2023 Date of receipt of sample : 28/09/2023 Environmental Condition : Temp. 33°C & Humidity 65% Sampling Reference Protocol : IS 1622 : 1981	Sample Name : Borewell Water Sample Sample quantity : 25 Lit. + 250 ml in sterilized bottle Sample Location : Near WOP Purpose of analysis : Monitoring Sampling Done by : By our Lab. Representative
---	---

REFERENCE TO PROTOCOL : IS 10500:2012] Amend No. 4 Nov. 2023]

TEST RESULTS

S.N.	Parameter's	UNIT	Result	Acceptable Limit's	Permissible Limit's	Method of Analysis
Drinking - Chemical, Group - Water						
Organoleptic and Physical Parameter's						
1	Colour (ppm)	-	1.0	5 Max.	15 Max.	IS 3025 (P-45)-2003
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (P-5)-2008
3	pH	-	7.21	6.5-8.5	No Restriction	IS 3015 (P-11)-2003
4	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025 (P-7)-2007 & IS 3025 (P-8)-2003
5	Turbidity (NTU)	-	<1.0	1 Max.	5 MAX.	IS 3015 (P-10)-2003
6	Total Dissolved Solids (TDS)	mg/l	1500	500 Max.	1000 Max.	IS 3015 (P-16)-2003
General parameters Concerning Substances undesirable in excessive amounts						
1	Total Ammonia (as N)	mg/l	0.0(0.0002)	0.5 Max.	No Restriction	IS 3015 (P-36)-1988
2	Anionic Detergents (as MBAS)	mg/l	0.00(0.0005)	0.2 Max.	1.0 Max.	IS 3015 (P-48)-2003
3	Calcium (as Ca)	mg/l	41.8	75 Max.	200 Max.	IS 3025 (P-40)-1992
4	Fluorides (as F ⁻)	mg/l	0.0(0.0002)	1.0 Max.	No Restriction	IS 3015 (P-19)-2003
5	Chloride (as Cl ⁻)	mg/l	6.8	250 Max.	1000 Max.	IS 3015 (P-25)-1988
6	Free Residual Chlorine	mg/l	0.56	1.0 Max.	1.5 Max.	IS 3015 (P-26)-1988
7	Free Residual Chlorine	mg/l	0.0(0.0001)	0.2 Max.	1 Max.	IS 3015 (P-29)-2003
8	Magnesium (as Mg)	mg/l	32.49	100 Max.	100 Max.	IS 3015 (P-30)-2003
9	Mineral oil	mg/l	0.0(0.0005)	1.0 Max.	No Restriction	IS 3025 (P-39)-2003
10	Nitrate (as NO ₃ ⁻)	mg/l	7.6	45 Max.	No Restriction	IS 3025 (P-52)-1988
11	Phenolic Compounds (as C ₆ H ₅ O ₂)	mg/l	0.0(0.0000000)	0.002 Max.	0.002 Max.	IS 3025 (P-53)-sec-1-2002
12	Sulphate (as SO ₄ ²⁻)	mg/l	21.7	200 Max.	400 Max.	IS 3025 (P-74)-sec-1-2002
13	Sulphate (as SO ₄ ²⁻)	mg/l	0.0(0.000000)	0.05 Max.	No Restriction	IS 3025 (P-75)-2003
14	Total Hardness (as CaCO ₃)	mg/l	201.6	200 Max.	400 Max.	IS 3025 (P-76)-2003
15	Total Hardness (as CaCO ₃)	mg/l	2009	200 Max.	600 Max.	IS 3025 (P-77)-2003
16	Cyanide (as C ₂)	mg/l	0.0(0.000002)	0.05 Max.	No Restriction	IS 3025 (P-78)-2003
Drinking - Chemical, Group-Residue In Water						
DISCLAIM						

Page No : 1 of 4

Note : 1. Test report shall not be reproduced in whole or in part without the consent of the issuing authority in the usual form.
2. This report is only for the purpose of reference and not for legal or other purposes. The user should refer to the relevant standards for the purpose of interpretation.
3. Sample will be destroyed after one month from the date of issue of test report unless otherwise specified.
4. The client shall be responsible for the accuracy of the data provided and shall be liable for any error or omission in the report.
5. The results are valid only for the purpose for which they are intended and shall not be used for any other purpose.
6. The validity of the report shall be limited to the period specified in the report.
7. The client shall be responsible for the accuracy of the data provided and shall be liable for any error or omission in the report.

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



HARYANA TEST HOUSE

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TEST REPORT

Issued To: Grasim Industries Limited (Birla Paints Division) Plot Nos. B-1 and D-02/P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Okhansu, Ludhiana (Pb) 141112 Ludhiana	Report No. : HTH/WT/250920001 QIR No. : TCR1123200003150F Party's Ref No. : NI Booking Date : 28/09/2023 Period of Testine : 28/09/2023 To 05/10/2023 Reporting Date : 05/10/2023
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TEST RESULTS

S/N	Parameter's	Unit's	Results	Acceptable Unit's	Permissible Unit's	Method of Analysis
1	Aluminium (in Al)	mg/l	800.000.020	0.03 Max.	0.2 Max.	HTH/QP/7.2/1/ICP-01,50P NO-18
2	Barium (in Ba)	mg/l	0.38	3.7 Max.	No Relocation	HTH/QP/7.2/1/ICP-01,50P NO-18
3	Boron (in B)	mg/l	0.14	4.5 Max.	2.4 Max.	HTH/QP/7.2/1/ICP-01,50P NO-18
4	Copper (in Cu)	mg/l	8.00.000.001	0.05 Max.	1.5 Max.	HTH/QP/7.2/1/ICP-01,50P NO-18
5	Iron (in Fe)	mg/l	0.576	1.0 Max.	No Relocation	HTH/QP/7.2/1/ICP-01,50P NO-18
6	Manganese (in Mn)	mg/l	0.03	1.1 Max.	0.3 Max.	HTH/QP/7.2/1/ICP-01,50P NO-18
7	Selenium (in Se)	mg/l	8.00.000.005	0.01 Max.	No Relocation	HTH/QP/7.2/1/ICP-01,50P NO-18
8	Silver (in Ag)	ug/l	8.00.000.001	0.1 Max.	No Relocation	HTH/QP/7.2/1/ICP-01,50P NO-18
9	Zinc (in Zn)	mg/l	0.09	1.0 Max.	15 Max.	HTH/QP/7.2/1/ICP-01,50P NO-18
TRACE ELEMENTS						
1	Cadmium (in Cd)	mg/l	8.00.000.001	0.001 Max.	No Relocation	HTH/QP/7.2/1/ICP-01,50P NO-18
2	Lead (in Pb)	mg/l	8.00.000.001	0.01 Max.	No Relocation	HTH/QP/7.2/1/ICP-01,50P NO-18
3	Vanadium (in V)	mg/l	8.00.000.0005	0.01 Max.	No Relocation	HTH/QP/7.2/1/ICP-01,50P NO-18
4	Molybdenum (in Mo)	mg/l	0.04	0.07 Max.	No Relocation	HTH/QP/7.2/1/ICP-01,50P NO-18
5	Nickel (in Ni)	mg/l	8.00.000.001	0.03 Max.	No Relocation	HTH/QP/7.2/1/ICP-01,50P NO-18
6	Total Arsenic (in As)	mg/l	0.02	0.01 Max.	No Relocation	HTH/QP/7.2/1/ICP-01,50P NO-18
7	Total Chromium (in Cr)	mg/l	8.00.000.0001	0.05 Max.	No Relocation	HTH/QP/7.2/1/ICP-01,50P NO-18
8	Polychlorinated biphenyl (PCB)	mg/l	8.00.000.00005	0.0005 Max.	No Relocation	HTH/QP/7.2/1/ICP-01,50P NO 01
9	Polynuclear Aromatic hydrocarbon (PAH)	mg/l	8.00.000.00005	0.0001 Max.	No Relocation	HTH/QP/7.2/1/ICP-01,50P NO 01
10	Hexachlor	mg/l	0.01	0.01 Max.	No Relocation	is 2009/2003/0001

Page No.: 2 of 4

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4. The laboratory will not be responsible for delay in reporting if the client does not provide the required information in time.
5. The laboratory will not be responsible for delay in reporting if the client does not provide the required information in time.

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



HARYANA TEST HOUSE

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TEST REPORT

Issued To: Grasm Industries Limited (Birla Paints Division) Plot Nos B-1 and D-02 P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dhananuz, Ludhiana (PB) 141112 Ludhiana	Report No. : HTH/WT/23092003 UR No. : TCRL123200002253F Party's Ref No. : NR Booking Date : 28/09/2023 Period of Testing : 28/09/2023 To 06/10/2023 Reporting Date : 06/10/2023
--	--

TEST RESULTS

S.N.	Parameter's	Unit's	Results	Acceptable Limit's	Permissible Limit's	Method of Analysis
Desired Properties						
1	Acidic	mg/l	0.0(0.00-0.01)	10 Max.	No Relaxation	HTH/SP/7.2/2/SC-01, SOP-10-02
2	Alkaline	mg/l	0.0(0.00-0.01)	2.0 Max.	No Relaxation	HTH/SP/7.2/2/SC-01, SOP-10-02
3	Ammonia	mg/l	0.0(0.00-0.01)	0.05 Max.	No Relaxation	HTH/SP/7.2/2/SC-01, SOP-10-02
4	Chloride	mg/l	0.0(0.00-0.01)	0.05 Max.	No Relaxation	HTH/SP/7.2/2/SC-01, SOP-10-02
5	Alpha -ICl	mg/l	0.0(0.00-0.01)	0.01 Max.	No Relaxation	HTH/SP/7.2/2/SC-01, SOP-10-02
6	Beta -ICl	mg/l	0.0(0.00-0.01)	0.04 Max.	No Relaxation	HTH/SP/7.2/2/SC-01, SOP-10-02
7	Gamma -ICl	mg/l	0.0(0.00-0.01)	1.0 Max.	No Relaxation	HTH/SP/7.2/2/SC-01, SOP-10-02
8	Delta -ICl	mg/l	0.0(0.00-0.01)	0.04 Max.	No Relaxation	HTH/SP/7.2/2/SC-01, SOP-10-02
9	Sulphate	mg/l	0.0(0.00-0.01)	115 Max.	No Relaxation	HTH/SP/7.2/2/SC-01, SOP-10-02
10	Chlorophenol	mg/l	0.0(0.00-0.01)	12 Max.	No Relaxation	HTH/SP/7.2/2/SC-01, SOP-10-02
11	DDT (p,p and o,p - isomer of DDT, DDE and DDD)	mg/l	0.0(0.00-0.01)	1.0 Max.	No Relaxation	HTH/SP/7.2/2/SC-01, SOP-10-02
12	o,p'-DDT	mg/l	0.0(0.00-0.01)	-	No Relaxation	HTH/SP/7.2/2/SC-01, SOP-10-02
13	p,p'-DDT	mg/l	0.0(0.00-0.01)	-	No Relaxation	HTH/SP/7.2/2/SC-01, SOP-10-02
14	o,p'-DDE	mg/l	0.0(0.00-0.01)	-	No Relaxation	HTH/SP/7.2/2/SC-01, SOP-10-02
15	p,p'-DDE	mg/l	0.0(0.00-0.01)	-	No Relaxation	HTH/SP/7.2/2/SC-01, SOP-10-02
16	o,p'-DDD	mg/l	0.0(0.00-0.01)	-	No Relaxation	HTH/SP/7.2/2/SC-01, SOP-10-02
17	p,p'-DDD	mg/l	0.0(0.00-0.01)	-	No Relaxation	HTH/SP/7.2/2/SC-01, SOP-10-02
18	Endosulphan (Alpha and Beta isomer - Sulphate)	mg/l	0.0(0.00-0.01)	0.4 Max.	No Relaxation	HTH/SP/7.2/2/SC-01, SOP-10-02
19	Alpha -Endosulphan	mg/l	0.0(0.00-0.01)	-	No Relaxation	HTH/SP/7.2/2/SC-01, SOP-10-02

Note: 1. Test report is valid only for the purpose for which it is issued and shall be valid only for the period mentioned therein. 2. The results are subject to the accuracy of the test methods used and the quality of the sample submitted for the test.
 3. This report is valid for your reference and not for legal purposes. In case of dispute, the original report shall be referred to. 4. The results of the test are subject to the accuracy of the test methods used and the quality of the sample submitted for the test.
 5. Sample will be destroyed after 15 days from the date of test unless otherwise specified. 6. The results of the test are subject to the accuracy of the test methods used and the quality of the sample submitted for the test.
 7. The results of the test are subject to the accuracy of the test methods used and the quality of the sample submitted for the test.

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



HARYANA TEST HOUSE



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TEST REPORT

Issued To: Grasim Industries Limited (Birla Paints Division) Plot Nos B-1 and D-02/P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dharansu, Ludhiana (PB) 141111 Ludhiana	Report No.: : HTH/WT/230923001 ULR No.: : TC/81123200022537 Party's Ref No.: : Nil Booking Date: : 28/09/2023 Period of Testing: : 28/09/2023 To 06/10/2023 Reporting Date: : 05/10/2023
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TEST RESULTS

S.N.	Parameter's	Unit's	Results	Acceptable Limit's	Permissible Limit's	Method of Analysis
13						02
20	Beta - Endosulfan	µg/l	ND(100.0.00)	-	No Residues	HTH/QP/7.3/2/00-01, SOP/ND
21	Endosulfan Sulphate	µg/l	ND(100.0.00)	-	No Residues	HTH/QP/7.3/2/00-01, SOP/ND
22	Dibion	µg/l	ND(100.0.00)	3.0 Max.	No Residues	HTH/QP/7.3/2/00-01, SOP/ND
23	Improthion	µg/l	ND(100.0.00)	3.0 Max.	No Residues	HTH/QP/7.3/2/00-01, SOP/ND
24	Malathion	µg/l	ND(100.0.00)	300.0 Max.	No Residues	HTH/WT/7.3/2/00-01, SOP/ND
25	Methyl Parathion	µg/l	ND(100.0.00)	3.0 Max.	No Residues	HTH/QP/7.3/2/00-01, SOP/ND
26	Phosphorothion	µg/l	ND(100.0.00)	3.0 Max.	No Residues	HTH/QP/7.3/2/00-01, SOP/ND
27	Thionon	µg/l	ND(100.0.00)	3.0 Max.	No Residues	HTH/QP/7.3/2/00-01, SOP/ND
28	TA - D	µg/l	ND(100.0.00)	30.0 Max.	No Residues	HTH/QP/7.3/2/00-01, SOP/ND
Organic - Biological, Group - Water						
Bacteriological Requirements						
1	Coliforms	Per 100 ml	Absent	Shall not be Detectable	No Residues	H-35185-2018
2	E.coli	Per 100 ml	Absent	Shall not be Detectable	No Residues	H-35185-2018

End of Report

Remarks : Analyzed parameters of water sample conform to IS 3050:2012 Amendment No. 4, Nov 2021 specifications with respect to permissible limits for the above test parameters.
 N.D.: Below Limit of Quantification, L.O.Q.: Limit of Quantification

[Signature]
 05/10/2023

[Signature]
 05/10/2023
 Harjoti Gupta
 H.G.D. (Biological)

[Signature]
 05/10/2023
 Ashish Khanna
 S.M. (Tech.)

NOTE: 1. This report shall not be reprinted in whole or in part and should be used as a reference only in the case of law.
 2. This report is only for your purpose, and we do not guarantee any other use or distribution.
 3. Samples will be analyzed after one month from the date of receipt of sample at our laboratory.
 4. The report will be valid for one month only. Our report will be valid for 12 months if you have done with any request by laboratory.
 5. This report contains data including details of the test performed, but it is not intended to be used as a legal document.
 6. Validity of signed Test Report is limited to the present analysis only.
 7. Our laboratory is not liable for any error or omission.

[Signature]
GRASIM INDUSTRIES LIMITED
 (Birla Paints Division)
 Plot Nos. B-1 & D-02(P), Hi-Tech Valley,
 Village: Dharansu, District: Ludhiana, (PB)-141112



HARYANA TEST HOUSE

& Consultancy Services



SB-C, Sector-25 Part-II, HUDA, PANIPAT-133 103 (H.R.)

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TEST REPORT

Issued To: Grasim Industries Limited (Birla Paints Division) Plot Nos B-1 and D-02 F, Pandurang Budhkar Marg, Hi Tech Valley, Dhanansu, Ludhiana (PB) 141111 Ludhiana	Report No. : WTH/CP/230928007
	ULR No. : TC781123100009999F
	Party's Ref No. : Nil
	Booking Date : 28/09/2023
	Period of Testing : 28/09/2023 to 06/10/2023
	Reporting Date : 06/10/2023

Sample Description : Noise Level Monitoring- Ambient Noise	
Type of Industry	: Integrated Paint Manufacturing Unit
Sample Location	: An WBP Area
Instrument used	: Sound Level Meter (RTH/AP/12/SUM-01)
Instrument Calibration Status	: Calibrated (upto 07.07.2024)
Date of measurement	: 28/09/2023
Purpose of analysis	: Monitoring
Sample collected/ supplied by	: By our lab. Representative

OBSERVATION

S.R.	Point of Measurement	L	S	10	TV	V	W
Discipline - Chemical, Group - Atmospheric Pollution-							
1.	Day time (06:00 AM to 10:00 PM)	68.8	71.3	74.1	68.6	70.8	64.7
2.	Night time (10:00 PM to 06:00 AM)	58.8	51.5	60.8	63.5	55.6	59.1

TEST RESULTS

S.N.	Point of Measurement	Noise Level (dB "A")			Standard Limits (dB "A") (CPCB)
		Leq	Ln	Ln	
1.	Day time (06:00 AM to 10:00 PM)	68.7	74.1	70.8	75 max
2.	Night time (10:00 PM to 06:00 AM)	52.5	63.5	59.7	70 max

End of Report

Remarks : Leq - It is an energy mean of the noise level over a specified period
CPCB Standard as per Noise Pollution Rules, 2000

Kimh
06.10.23
Review by

T.M.
T. M. (Chemical)

Page No. 1 of 1

- Note : 1. This report shall not be reproduced whole or in part, and cannot be used as an evidence in the court of Law. 2. This report is only for your purpose, and not for legal purposes, commercial decisions, and for advertisement. 3. Samples will be analyzed at the time of the test and the date of the test shall be noted on the report. 4. The data reported hereon is on the basis of the test conducted and the test results are not to be taken as an absolute guarantee. 5. The data reported hereon is on the basis of the test conducted and the test results are not to be taken as an absolute guarantee.

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



HARYANA TEST HOUSE & Consultancy Services



TC-7811



99-C, Sector-15 Part-II, HUDA, PANIPAT-133 103 (HR.)

Contact : (Off.) 80077-30160, 0180-4067213, (Cov.) 86077-78164, (DM) 86077-78165, (Fax) 86077-30160
Web Site : www.haryanatesthouse.co. or mail : haryanatesthouse@rediffmail.com, info@haryanatesthouse.co

An ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Certified Laboratory

TEST REPORT

Issued To: Grasim Industries Limited (Birla Paints Division) Plot Nos B-1 and D-02 P, Pandurang Budhkar Marg, Hi Tech Cycle Valley, Dhanansu, Ludhiana (PB) 141111 Ludhiana	Report No. : HTH/SP/230928048 ULR No. : TC7811231000069407 Party's Ref No. : Nil Booking Date : 28/05/2023 Period of Testing : 28/05/2023 to 06/10/2023 Reporting Date : 06/10/2023
--	--

Sample Description : Noise Level Monitoring-Ambient Noise

Type of Industry	: Integrated Paint Manufacturing Unit
Sample Location	: At FG Area
Instrument used	: Sound Level Meter (HTH/AP/12/SUM-01)
Instrument Calibration Status	: Calibrated (upto 07.07.2024)
Date of measurement	: 28/05/2023
Purpose of analysis	: Monitoring
Sample collected/ supplied by	: By our Lab. Representative

OBSERVATION

S.N.	Point of Measurement	I	II	III	IV	V	VI
Diagnostic - Chemical, Group - Atmospheric Pollution -							
1	Day time (06:00 AM to 10:00 PM)	61.8	70.1	68.7	72.1	65.5	71.9
2	Night Time (10:30 PM to 06:00 AM)	60.7	52.1	57.4	63.7	58.9	56.1

TEST RESULTS

S.N.	Point of Measurement	Noise Level (dB "A")			Standard Limits (dB "A") (CPCB)
		Leq	Lmax	L90	
1	Day time (06:00 AM to 10:00 PM)	61.8	72.1	65.5	75 max
2	Night Time (10:30 PM to 06:00 AM)	52.1	63.7	58.9	55 max

End of Report

Remarks : 1. Leq - It is an energy mean of the noise level over a specified period
CPCB Standard as per Noise Pollution Rules, 2000

Kishor
56.10.2023
Review by

T. M. (Chemical)
T. M. (Chemical)

Page No. | 5 of 5

NOTE: 1. The report shall not be reproduced in whole or in part and shall be used only as evidence in the court of law.
2. This report is only for your purpose, and not for legal purposes, contractual dispute, and for advertisement.
3. Samples will be destroyed after one month from the date of issue of test report unless otherwise specified.
4. The client/contractor shall remain responsible for the accuracy of the data and shall not hold any responsibility if the results are not as per the report.
5. The results contained in this test report pertain only to the samples submitted to the laboratory.
6. The liability of Haryana Test House is limited to the invoice amounting.
7. Sample not to be used for any other purpose without the written permission of the laboratory.

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



ADITYA BIRLA GROUP

ENVIRONMENTAL POLICY

Aditya Birla Group, a global conglomerate, recognizes that effective management of environment impacts is a fundamental part of our business. We shall strive to integrate sound environmental practices across the Group's management and governance systems to minimize environmental impacts and attain a leadership position in environmental stewardship.

Every Aditya Birla Group Company shall endeavour to:

- Maintain positive legal compliance to environmental regulations and conform to the requirements of Aditya Birla Group Sustainability Framework;
- Progressively develop, implement and maintain an internationally accepted environmental management system in our operations and new projects;
- 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;
- Enhance environmental awareness through participation and consultation with employees and contractors by training and effective channels of communication;
- Engage with internal and external stakeholders and wider communities to broaden our understanding of environmental priorities, their links to global issues and initiate actions on key environmental challenges;
- Influence our contractors and suppliers to adopt the Aditya Birla Group environmental policies, principles and practices and encourage appropriate environmental management across the supply and value chain;
- Continually improve environmental performance of current and future products, services and infrastructure of the Aditya Birla Group's Companies; and
- 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.

Each Aditya Birla Group Company shall sign up to this policy or develop an equivalent that shall be implemented throughout its operations.

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

Rajiv Dube
Director – Group Corporate Services

Date: 18th August 2016

ABG/SUST/POL/01

Version: V-3

Disclaimer: The 'Aditya Birla Group' is commonly and for convenience referred to a group of entities which use the group's trademark 'Aditya Birla' and/or 'Sunrise Logo' as a part of their corporate name, logo and/or in relation to their products and services, either by virtue of shareholding interest or otherwise. The 'Aditya Birla' and 'Sunrise Logo' trademarks, registered in India and around the world, are owned by Aditya Birla Management Corporation Private Limited (ABMCP). ABMCP is the centre of existence and provides varied centralised expert services to its member entities. The terms of use of the group mark, logo and expert centralised services by Aditya Birla Group companies are governed by arm's length contractual arrangements entered into between ABMCP and Aditya Birla Group companies. ABMCP provides no services to third parties outside the Aditya Birla Group. No Aditya Birla Group company has any authority to obligate or bind ABMCP or any other Aditya Birla Group company vis-à-vis third parties, nor does ABMCP have any such authority to obligate or bind any Aditya Birla Group company. The term 'Group' should not be used for any legal purpose and provisions of relevant law shall apply whenever there is a need to define the term 'group'.

GRASIM INDUSTRIES LIMITED
(Birla Paints Division)

Plot Nos. B-1 & D-02(F), Hi-Tech Valley,
Village: Dhanansu, District: Ludhiana. (Pb)-141112

Grasim Industries Limited Ludhiana

Environment Cell

Sl. No.	Name	Designation
1	Manoj Dadhwal	Site Head
2	Bhanu Sirohi	Lead Mechanical
3	Sandeep Sengar	Lead EHS
4	Khushbir Singh	Lead E&I
5	Yadvendra Vasudev	Lead HR
6	Nitish Vats	Lead Civil
7	Deepak Singh	Team member E&I
8	Naresh Kumar	Team Member EHS
9	Vikas Kumar	Team Member EHS
10	Shivendeep Mishra	Team Member EHS

Agenda of the Meeting

1	Review of EHS Compliances
2	Review of New Norms / guidelines
3	Review of Environment Management: ETP STP RO MEE
4	Review of Waste Management
5	Review of Water Management
6	Review Trainings & Awareness
7	Review of CER activities



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

Environment Management Plan Status as on 30.09.2023

Grasim Industries Limited, a flagship company of the global conglomerate Aditya Birla Group, ranks amongst the top publicly listed companies in India. M/s. Grasim Industries Limited is currently establishing the integrated paint manufacturing facility located at plot no. B1 and D 02(P) in Hi-Tech Valley, Village Dhanansu of Ludhiana District, State Punjab. Project has been accorded Environmental Clearance vide EC Identification No. EC22B023PB139111 Dated:19th January-22.

EMP no	EMP Name	EMP Activities	Mitigation & Action Plan	Timing	Current Status
10.1	Land use/Land cover	Site preparation- Clearance of vegetation/crop	Clearance of vegetation shall only be done on which construction is to take place. Topsoil will be stored separately and will be used for greenbelt within the site. Compensatory green cover development within site.	For the construction period	Complied
	Land use/Land cover	Construction activity- Excavation and filling of foundation	Excavated earth will be used for backfilling and care will be taken that natural drainage pattern remains unchanged	For the construction period	Complied
10.2	Air emission	Manufacturing process — pre-dispersion, dispersion, mixing & tinting, packing, etc.	Majority of powders will be through bulk handling systems, and these will be pneumatically conveyed into the disperser for further processing. The exhaust of bulk handling will have bag filters/dust collectors attached to control particulate matters. Bulk consumed liquids RMs will be stored in the storage tank, and they will be pumped through pipeline using pump into the Mixers, Dispersers, Reactors and other process vessels.	At all times during the operational phases	Being Complied


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

		Operation of DG	Adequate Stack Height	At all times, during the operational phases & construction phase	Adequate stack height provided as per CPCB guidelines
10.3	VOC emission during process	Manufacturing process	Close loop system	At all times, during the production process	Being Complied
10.4	Noise Measurement	Start-up and shutdown activities like operation of equipment for all the proposed plants	Periodic noise measurement from external NABL to be conducted. SOP's will be followed. Ear plugs and Earmuffs will be provided to workers wherever applicable.	During construction & production process	Being complied
		Operation of D.G. Set & Blower	DG with acoustic enclosures will be provided. Ear plugs and Earmuffs will be provided	During construction & production process	Being complied
10.5	Water Quality	Usage of Water	Water conservation plans shall be ensured such as recycling of the effluent through recycle and reuse system. Flow meters shall be installed at each of raw water intake point. Care shall be taken to avoid leakage of water sources and it will be maintained by continuous monitoring by flow measurements.	During construction & production process	Being complied
		Wastewater generation & Disposal	The effluent generation from the proposed unit shall be treated in proposed ETP and treated water shall be used for gardening, firefighting, washing and dust suppression. Flow meters shall be installed at inlet and outlet of the ETPs.	All times	Being Complied

			Use of spill control measures, mechanical handling, PPE's shall be mandatory while handling the chemicals in ETP to avoid spillages		
10.6	Solid & Hazardous Waste	Storage, handing and disposal of hazardous waste	Hazardous waste shall be segregated at source and stored in hazardous waste storage area. Proper area shall be demarcated for the storage of hazardous waste facilitate with impervious flooring to avoid leakage problem.	All times	Complied
			Spill control mechanism shall be in place. PPEs shall be mandatory while handling the hazardous waste during loading & unloading of wastes. Necessary membership shall be taken from the approved authority for safe disposal of hazardous waste.	All times	Complied
10.7	Land and Soil	Soil contamination due to storage, handling of Hazardous waste	The places where hazardous materials will be stored and handled will have RCC floor to avoid such contaminations.	During operation & Maintenance phase	Complied
10.8	Hydrogeology	Usage of Water	Rainwater Harvesting and reuse to reduce freshwater consumption	During production process	Noted for the compliance
		Handling and storage of raw material and products	Groundwater Chemical testing of Monitoring well Pre & Post Monsoon (i.e., May & Oct.)	During production process	Being complied
		Rainwater harvesting structure based on annual rain fall number	Storm & roof water tank to be constructed with storage capacity of 9600 kl	During plant operation phase	Being complied
10.9	Ecology and Biodiversity	Green belt development	Green belt to develop in 33% of plant area	During construction	Green belt work in

						& production process	progress as per yearly plan
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STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY PUNJAB
Ministry of Environment, Forest & Climate Change, Government of India
O/o Directorate of Environment & Climate Change
MGSIPA Complex, Sector 26,
Chandigarh-160019
seiaapb2017@gmail.com

No. SEIAA/MS/2022/ 368

Registered/Online

Date: 17/08/2022

To

M/s Grasim Industries Ltd.,
A-2 Aditya Birla Centre S K Ahire Marg, Worli,
Mumbai Maharashtra- 400030
Mobile no : 9869128840
Email ID: khushbir.singh@adityabirla.com

Subject: Submission of Action Plan towards Corporate Environmental Responsibility (CER) Activities.

This is in connection to your letter dated 06.07.2022 w.r.t. subject cited matter.

It is intimated that the matter was considered by SEIAA in its 211th meeting held on 27.07.2022, wherein, SEIAA observed that the requisite action plan has been submitted by the promoter company within the permitted time period of 6 months from the date of issue of the EC.

SEIAA perused the Plan submitted by the project proponent and approved the same with the following modifications / conditions:

Sr. No.	Activities	Timelines	Proposed expenditure (in lacs)	Approved Expenditure (in lacs)
1	Establishing Nursery for Nurturing, Caring and Sharing of Native Trees Species and Distributing sapling to nearby communities free of charge along with Plantation of Native Trees in Selected Areas	04 years	205	205
2	Donation of Environmental Books/Literature to Schools/Panchayat/Colleges	04 years	45	20
3	Donation of plastic bottle crusher to Railway Station/Bus Stands	04 years	80	50
4	Distribution of Paper/Jute Bags to replace Plastic Bags	04 years	70	70
5	Distribution of Glass/Metallic Bottles to replace Plastic Bottles	04 years	50	50


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

6	Upgradation/Provision of Monitoring Lab/Van to PPCB-Ludhiana	03 years	85	85
7	Contribution to Tandrust Punjab Fund for Environmental Initiatives taken by Govt. of Punjab	Already Donated	91	91
8	Provision of Solar Electrification/Water Heating in Schools, police Stations, panchayat Office, and Nearby Villages etc.	04 years	180	180
9	Fond Restoration in nearby Villages	04 years	105	160
Total			911	911

The above works would be undertaken in lieu of CER activities and would form part of the EMP of the Project.

SEIAA further observed that the Project Proponent has sought 25% flexibility in the expenditure to be incurred on the individual components (whilst ensuring that the total outlay of the Plan remains as Rs 9.11 crores). After deliberations, SEIAA decided that 20% variation in the component-wise expenditure may be permitted under intimation to SEIAA, if recommended, by the accredited consultants of the promoter company on the basis of local requirements. However, prior permission would be required from SEIAA in case the variations exceed 20%.

Further, the Project Proponent would submit the progress of works and expenditure incurred thereon along with 6-monthly compliance reports and an annual Utilisation Certificate of the above funds earmarked in lieu of CER activities in the EMP.

This is for your information and necessary action in the matter.


Environmental Engineer


GRASIM INDUSTRIES LIMITED
(Birla Paints Division)

Plot Nos. B-1 & D-02(P), Hi-Tech Valley,
Village: Dhananau, District: Ludhiana. (Pb)-141112

Grasim Industries Limited
Ludhiana Punjab
Corporate Environment Responsibility Plan & Status on 30th
September 2023

Grasim Industries Limited are in process of setting State of Art Integrated Paint Manufacturing Facility at Hitech Cycle Valley Ludhiana Punjab. In process of the same we had filed application for EC and received the same vide Letter no. SEIAA/PB/IND/2021/EC/22 dated 19.01.2022. In compliance of above we have submitted our 4 Years Corporate Environment Responsibility (CER) Plan to SEIAA on 06.07.2022. The Submitted CER Plan was approved by SEIAA on 17.08.2022 vide Letter SEIAA/MS/2022/368.

Status of CER Plan Activities as on 30th September 2023.

Sr No.	CER Planned Activities	Approved Budget (in Lac)	Expenditure (in Lacs) 30.09.2023	Status
1.	Establishing Nursery for Nurturing, Caring and Sharing of Native Trees Species and distributing sapling to nearby communities free of charge along with Plantation of Native Trees in Selected Areas	205	39.30	Model Nursery set up completed near Plant Premises. 1565 Nos of Plants distributed in nearby areas.
2.	Donation of Environmental Books/Literature to Schools/Panchayat/Colleges	20	9.91	"Down to Earth" Magazine subscribed for 300 schools for a year. 1380 Nos of Env Books distributed among schools
3.	Donation of Plastic Bottle Crusher to Railway Station/Bus Stands	50	24.60	Order for 10 Machines placed. 04 Nos of machines installed at various locations
4.	Distribution of Paper / Jute Bags to replace Plastic Bags	70	4.50	5500 Nos of Jute Carry Bags distributed in nearby areas.
5.	Distribution of Glass/ Metallic Bottles to replace Plastic Bottles	50	7.87	1163 Nos of Copper Bottles distributed in nearby areas.
6.	Upgradation/Provision of Monitoring Lab/Van to PPCB - Ludhiana	85	25	Cheque of Rs. 25 lac submitted to PPCB for Environment Lab.
7.	Contribution to Tandrust Punjab Fund for Environmental initiatives taken by Govt. of Punjab	91	91	Completed
8.	Provision of Solar Electrification / Water Heating in Schools, Police Stations, Panchayat Office, and Nearby Villages etc.	180	0	Technical Evaluation Completed.
9.	Pond Restoration in nearby Villages	160	0	Vendor evaluation started

Glimpses of CER Activities



Distribution of Copper Bottle under CER Plan to reduce Plastic Wastes



Distribution of Jute carry bags to eliminate the use of polythene bag



GRASIM INDUSTRIES LIMITED
(Birla Paints Division)

Plot Nos. B-1 & D-02(P), Hi-Tech Valley,
Village: Dhananur, District: Ludhiana. (Ph)-161112

Distribution of Environment Books



Installation of Bottle Crusher Machines at various locations in Ludhiana city



Inauguration of Model Nursery & distribution of plant sapling to villagers


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



The Tribune (English)

Grasim Industries Limited
 Integrated Paint Manufacturing Unit at
 Plot No. B-1, D-02 (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-02 (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-02 (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. EIC-2020023895/139111 dated 19th January 2022. The copy of the said clearance letter is available at the corporate office of the Organization and at the office of State Level Environment Impact Assessment Authority (SEIAA), Punjab, and may also be seen at the website of the MPP&CO i.e. <http://mppco.org.in>

In English

ANNEXURE - 6B

Ajit (Punjabi)

In Punjabi

ANNEXURE - 7



Date: 27.01.2022

To,
Regional office,
State Pollution Control Board Ludhiana,
State, Punjab

Subject: Submitting Environmental Clearance Copy of Integrated Paint Manufacturing Unit in Plot No. B-1, D-02 (P), Hi-Tech Valley, Village Dhanansu, Dist. Ludhiana, State Punjab.

Reference: Environmental Clearance (EC identification No. EC22B023PB139111 dated 19.01.2022)

Dear Sir,

We, M/s. Grasim Industries Limited, are planning for setting up Integrated Paint Manufacturing Unit in Plot No. B-1, D-02 (P), Hi-Tech Valley, Village Dhanansu, Dist. Ludhiana, State Punjab.

We have received the Environment Clearance copy from State Level Environment Impact Assessment Authority (SEIAA) Punjab vide its letter of clearance no. EC22B023PB139111 dated 19.01.2022.

As per EC conditions, we hereby submitting the copy of Environmental Clearance and has to display the same for 30 days from the date of receipt.

The copy of the EC letter is available at the office of State Level Environment Impact Assessment Authority (SEIAA), Haryana, and may also be seen at the website of the MoEF&CC i.e. <http://environmentclearance.nic.in>

We request you to kindly consider the same.

Yours Faithfully,

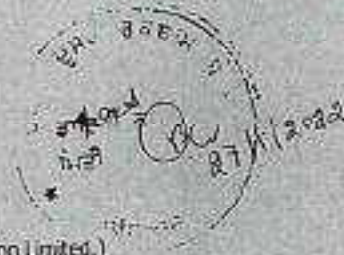
Authorized Signatory

Grasim Industries Limited

Enclosed- Copy of Environment Clearance

C.C. TO, - Gram Panchayat, Dhanansu, Dist. Ludhiana, Punjab

- PSTEC Ludhiana Punjab (Punjab Small Industries & Export Corporation Limited.)



Grasim Industries Limited

Aditya Birla Centre, 'A' wing, 2nd Floor, S.K. Altria Marg, Worli, Mumbai 400 030, India T: +91 22 6652 5000 / 2499 5000 | F: +91 22 6652 5114 / 2499 5114

E: grasim.cto@adityabirla.com | W: www.grasim.com | CIN: L17134MP1947PLC000410

Regd. Office: Birlagran, Nagda - 456 331 (M.P.)

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



Date: 27.01.2022

To,
Regional office,
State Pollution Control Board Ludhiana,
State, Punjab

Subject: Submitting Environmental Clearance Copy of Integrated Paint Manufacturing Unit in Plot No. B-1, D-02 (P), Hi-Tech Valley, Village Dhanansu, Dist. Ludhiana, State Punjab.

Reference: Environmental Clearance (EC identification No. EC22B023PB139111 dated 19.01.2022)

Dear Sir,

We, M/s. Grasim Industries Limited, are planning for setting up Integrated Paint Manufacturing Unit in Plot No. B-1, D-02 (P), Hi-Tech Valley, Village Dhanansu, Dist. Ludhiana, State Punjab.

We have received the Environment Clearance copy from State Level Environment Impact Assessment Authority (SIEAA), Punjab vide its letter of clearance no. EC22B023PB139111 dated 19.01.2022.

As per EC conditions, we hereby submitting the copy of Environmental Clearance and has to display the same for 30 days from the date of receipt.

The copy of the EC letter is available at the office of State Level Environment Impact Assessment Authority (SIEAA), Haryana, and may also be seen at the website of the MoEF&CC i.e. <http://environmentclearance.nic.in>

We request you to kindly consider the same.

Yours Faithfully,

Authorized Signatory

Grasim Industries Limited

Enclosed: Copy of Environment Clearance

C.C. TO, - Gram Panchayat, Dhanansu, Dist. Ludhiana, Punjab

- PSEEC Ludhiana Punjab (Punjab Small Industries & Export Corporation Limited.)

Grasim Industries Limited

Aditya Birla Centre, 'A' wing, 2nd Floor, S.K. Ahire Marg, Worli, Mumbai 400 030, India T: +91 22 6652 5000 / 2499 5000 | F: +91 22 6652 5114 / 2499 5114

E: grasim@adityabirla.com | W: www.grasim.com | QIN: L17124HP1947PLC000410

Regd. Office: Biliagram, Nagda - 456 331 (M.P.)

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



Date: 27.01.2022

To,
Regional office,
State Pollution Control Board Ludhiana,
State, Punjab

Subject: Submitting Environmental Clearance Copy of Integrated Paint Manufacturing Unit in Plot No. B-1, D-02 (P), Hi-Tech Valley, Village Dhanansu, Dist. Ludhiana, State Punjab.

Reference: Environmental Clearance (EC identification No. EC228023PB139111 dated 19.01.2022)

Dear Sir,

We, M/s. Grasim Industries Limited, are planning for setting up Integrated Paint Manufacturing Unit in Plot No. B-1, D-02 (P), Hi-Tech Valley, Village Dhanansu, Dist. Ludhiana, State Punjab.


We have received the Environment Clearance copy from State Level Environment Impact Assessment Authority (SLEIAA), Punjab vide its letter of clearance no. EC228023PB139111 dated 19.01.2022.

As per EC conditions, we hereby submitting the copy of Environmental Clearance and has to display the same for 30 days from the date of receipt.

The copy of the EC letter is available at the office of State Level Environment Impact Assessment Authority (SLEIAA), Haryana, and may also be seen at the website of the MoEF&CC i.e. <http://environmentclearance.nic.in>

We request you to kindly consider the same.

Yours Faithfully,

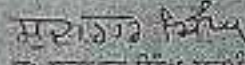

Authorised Signatory

Grasim Industries Limited

Enclosed- Copy of Environment Clearance

C.C. TO, - Gram Panchayat, Dhanansu, Dist. Ludhiana, Punjab

- PSIEC Ludhiana Punjab (Punjab Small Industries & Export Corporation Limited)


ਮੁਕਤਾਰ ਸਿੰਘ ਸਰਬੰਸ
ਗੁਮਬੰਦਾਰ
ਪੰਨਾਬ

Grasim Industries Limited

Aditya Birla Centre, 'A' wing, 2nd Floor, S.K. Akro Marg, Worli, Mumbai 400 030, India T: 491 22
6652 5000 / 2499 5000 | F: +91 22 6652 5114 / 2499 5114

E: grasim.cd@adityabirla.com | W: www.grasim.com | CIN: L17124MP1947PL0000410

Regd. Office: Birlapuram, Nagpur - 456 224 (M.P.)


GRASIM INDUSTRIES LIMITED

(Birla Paints Division)

Plot Nos. B-1 & D-02(P), Hi-Tech Valley,
Village Dhanansu, District Ludhiana. (Pb)-141112