

28.11.2025

Deputy Director General of Forests (C)

Ministry of Env., Forest and Climate Change,
Integrated Regional Office,
Bays No. 24-25, Sector 31 A,
Dakshin Marg, Chandigarh – 160030

Subject: Submission Environmental Clearance (EC) six-monthly compliance report as per EC conditions.

Ref: EC No: EC21B023HR110104, **File No.:** SEIAA/HR/2021/461, dated: 31st December'21

Dear Sir,

We, M/s. Grasim Industries Limited, are Setting up an Integrated Paint Manufacturing Unit at Plot No. 48 to 62, HSIIDC Industrial Estate Panipat, Village Dadlana, Tehsil and Dist. Panipat, State Haryana. We have received the Environment Clearance (EC) on dated – 31st December'21.

We would like to share the latest update on the progress of the project as per Environmental Clearance dt. 28th November 25, for the period of 1st April 25 to 30th September 25. Please find enclosed the six-monthly compliance report of EC for your perusal.

We request you to accept the same.

Cc: Haryana Pollution Control Bord (HSPCB)

Thanking You.

Yours faithfully,



Saurabh Singh

Site Head

Grasim Industries Limited (Birla Paints Division)

Site Address: Plot No. 48 - 62, HSIIDC Industrial Area, Refinery Road, Panipat – 132140, Haryana.

Head Office: 9th Floor, Birla Centurion, Pandurang Budhkar Marg, Worli, Mumbai-400 030 India

T: +91 22 6854 0444

Registered Office: PO Birlagram, Nagda, Dist Ujjain, Madhya Pradesh – 456 331, India

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Your (**Half Yearly Compliance Report**) has been **Submitted** with following details

Proposal No	SIA/HR/IND3/68324/2021
Compliance ID	135507249
Compliance Number(For Tracking)	EC/M/COMPLIANCE/135507249/2025
Reporting Year	2025
Reporting Period	01 Dec(01 Apr - 30 Sep)
Submission Date	29-11-2025
RO/SRO Name	Shri Satya Prakash Negi
RO/SRO Email	jhk119@ifs.nic.in
State	HARYANA
RO/SRO Office Address	Integrated Regional Offices, Chandigarh
Note:- SMS and E-Mail has been sent to Shri Satya Prakash Negi, HARYANA with Notification to Project Proponent.	

Half Yearly Compliance Report**2025****01 Dec(01 Apr - 30 Sep)****Acknowledgement**

Proposal Name		Integrated Paint Manufacturing Unit- Grasim Industries Ltd.	
Name of Entity / Corporate Office		M/s Grasim Industries Ltd.	
Village(s)		N/A	
District		PANIPAT	
Proposal No.	SIA/HR/IND3/68324/2021	Category	Industrial Projects - 3
Plot / Survey / Khasra No.	N/A	Sub-District	N/A
State	HARYANA	Entity's PAN	*****4464B
MoEF File No.	SEIAA/HR/2021/461	Entity name as per PAN	GRASIM INDUSTRIES LIMITED

Compliance Reporting Details

Reporting Year	2025
Remarks (if any)	Half Yearly Compliance Report 2025 01 Dec (01 Apr 25- 30 Sep 25)
Reporting Period	01 Dec(01 Apr - 30 Sep)

Details of Production and Project Area

Name of Entity / Corporate Office M/s Grasim Industries Ltd.

	Project Area as per EC Granted	Actual Project Area in Possession
Private	28.35	28.35
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	28.35	28.35

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	SOLVENT BASED PAINT	Kilo liters per Day (KLD)	30/09/2026	274	12325	137
2	WATER BASED PAINTS	Kilo liters per Day (KLD)	30/09/2026	822	40907	685
3	EMULSION	Kilo liters per Day (KLD)	30/09/2026	329	9779	274
4	RESIN	Kilo liters per Day (KLD)	30/09/2026	164	8320	82

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
1	MISCELLANEOUS	The PP shall get the mandatory registration of boiler as per the Boiler Act 1923 and rules 1950 from the Chief Boiler Inspector.
PPs Submission: Complied Registration done as per the Boiler Act 1923 and rules 1950 and permission received from the Chief Boiler Inspector. Attached as per Annexure - I.		Date: 28/11/2025
2	MISCELLANEOUS	The PP shall ensure effective functioning of safety, drain valve, monitoring instruments of critical parameter through regular checks and maintain the record for it.
PPs Submission: Complied All safety aspect has been considered during the designing of process and same implemented during plant equipment erection and installation to ensure the plant safety. Also doing the regular checking and maintaining the record as per frequency.		Date: 28/11/2025
3	MISCELLANEOUS	Effluent shall be treated in the 150 KLD and should adhere to the HSPCB/CPCB Guidelines.
PPs Submission: Complied ETP followed by ZLD plant installed to meet the effluent discharge norms regulated by HSPCB and CPCB. Industrial trade effluent is being treated in 170 KLD capacity of ETP followed by ZLD unit (RO, MEE, VTFD).		Date: 28/11/2025
4	MISCELLANEOUS	The Project Proponent would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated waste water being used for flushing in terms of faecal coli forms and other pathogenic bacteria.
PPs Submission: Complied Domestic wastewater or sewage effluent is being treated in 30 KLD STP installed plant based on MBR technology and treated water passed through UV, to meet the sewage effluent discharge norms regulated by HSPCB and CPCB. Also, PP conducting the third party for monitoring of treated sewage.		Date: 28/11/2025
5	MISCELLANEOUS	Separate wet and dry bins must be provided at ground level for

		facilitating segregation of waste. Solid Waste shall be segregated into wet garbage and inert materials. Wet Garbage shall be composted. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The Inert waste from the project will be sent to dumping site.
PPs Submission: Complied Separate wet and dry bins provided for facilitating segregation of waste. Adequate area with shed is provided for solid waste management within the premises to facilitate the segregation and composting of wet garbage through organic waste converter. Waste disposal shall be adhered through HSPCB authorized recycler.		Date: 28/11/2025
6	MISCELLANEOUS	The PP shall prepare an Action Plan for solvent recovery and their emission control and details of solvent to be used.
PPs Submission: Complied Solvent Recovery Plant installed at site accordance to meet the CPCB guideline. Scrubber system is installed for emission control. Details of solvents attached.		Date: 28/11/2025
7	MISCELLANEOUS	The PP shall make arrangement to control the process emission from the proposed unit.
PPs Submission: Complied Air pollution control devices such as stacks, scrubbers and dust collectors are installed to adhere the various process emission as per prescribed limits by CPCB/HSPCB. For reference Annexure - 22 attached.		Date: 29/11/2025
8	MISCELLANEOUS	The PP shall monitor the ambient air quality of emissions from the project shall include VOC, other process specific pollutants like NH3, Cl, HBr, H2S, HF etc. (as applicable).
PPs Submission: Complied We have installed continuous Ambient air monitoring station at site, and we are conducting Ambient air monitoring through HSPCB recognised Lab. For reference Annexure - 2 attached.		Date: 28/11/2025
9	MISCELLANEOUS	The PP shall prepare the work zone monitoring arrangements for hazardous chemicals
PPs Submission: Complied Work zone monitoring is being carried in process area and handling of hazardous chemicals area. For reference Annexure - 3 attached.		Date: 28/11/2025
10	MISCELLANEOUS	The PP shall prepare the detailed effluent treatment scheme including segregation of effluent streams for unit adopting ZLD.
PPs Submission: Complied Effluent segregated based on their characteristics and treatment plant has been installed to ensure ZLD.		Date: 28/11/2025
11	MISCELLANEOUS	No lead and chromium based paint shall be manufactured.
PPs Submission: Complied It is noted and being complied. Paint test report attached.		Date: 28/11/2025
12	MISCELLANEOUS	The PP shall prepare the action plan for odour control and utilization of MEE/Dryers Cells.
PPs Submission: Complied		Date:

Close loop system has been designed to control the Oduor, VOC emission during process and to maintain minimal atmospheric exposure of the chemical or solvent in the environment.		28/11/2025
13	MISCELLANEOUS	The PP shall submit the details of incinerator, if to be installed.
PPs Submission: Complied Not applicable for the site.		Date: 28/11/2025
14	MISCELLANEOUS	The PP shall prepare the Risk Assessment Action Plan for safety, storage and handling of hazardous chemicals.
PPs Submission: Complied Detailed quantitative risk assessment and action plan prepared in January - 2025 and being complied. For reference Annexure - 4 attached.		Date: 28/11/2025
15	MISCELLANEOUS	The PP shall use material safety data sheets for all the chemicals being used or will be used.
PPs Submission: Complied Material Safety Data Sheets (MSDS) are available and used for all chemicals currently in use and those proposed to be used, in compliance with statutory requirements. For reference Styrene MSDS attached.		Date: 28/11/2025
16	MISCELLANEOUS	The PP shall ensure health and safety of the workers engaged in handling of toxic materials.
PPs Submission: Complied Site has ensured health and safety of all workers engaged in handling toxic materials by providing appropriate PPE, conducting regular health check-ups, and implementing training and emergency response measures in compliance with statutory requirements.		Date: 28/11/2025
17	MISCELLANEOUS	No tree cutting has been proposed in the instant project. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The Existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. As proposed 93555 Sqm (33 percent) shall be provided for green area development.
PPs Submission: Complied Complied as per Environmental Clearance conditions. Green belt development has been completed in accordance with the approved plan, particularly along the plant boundary with a width of 5 to 10 meters. A total of 14,500 trees has been planted, achieving 100 percent coverage of the designated greenbelt area. Species planted include Sheesham, Amaltas, Neem, Kachnar, Jacaranda, Arjun, Kadam, Jamun, Gulmohar, Pilkhun, and others, as per CPCB guidelines and in consultation with the State Forest Department.		Date: 28/11/2025
18	MISCELLANEOUS	The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
PPs Submission: Complied Site has obtained all necessary clearances and permissions from relevant agencies, including the town planning authority, prior to commencement of work. All construction activities have been carried out in strict compliance with local building byelaws. For reference Annexure - 5 attached.		Date: 28/11/2025

19	MISCELLANEOUS	Consent to establish/operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of pollution) Act, 1981 and the Water (Prevention and control of pollution) Act, 1974.
PPs Submission: Complied Consent to Operate has been issued by HSPCB (No. HSPCB/Consent/:313096423PITCTO38848882 ,Dated:10/10/2023). For reference Annexure - 6 attached.		Date: 28/11/2025
20	MISCELLANEOUS	The Approval of the Competent Authority shall be obtained for structural safety of building code due to earthquakes, adequacy of fire fighting equipments etc. as per National Building Code including protection measures from lightening etc.
PPs Submission: Complied Structural stability certificate issued by a Competent person. For reference Annexure - 7 attached.		Date: 28/11/2025
21	MISCELLANEOUS	The PP shall obtain the permission regarding withdrawal of ground water from CGWA before the start of the project and also obtained the CTO from HSPCB after the approval from CGWA
PPs Submission: Complied It is not applicable. As we are not extracting the water from ground.		Date: 28/11/2025
22	MISCELLANEOUS	23 Rain water harvesting recharge pits shall be provided for ground water recharging as per the CGWB norms and one pond
PPs Submission: Complied Not applicable. As per consolidated guidelines issued by CGWA dt 24.09.20 and amendment dt 29.0323 said that any industries like Tannery, Slaughterhouses, Dye, Chemical, Coal washery, other hazardous units/projects under this category should not implement any recharge measures within the plant premises.		Date: 28/11/2025
23	MISCELLANEOUS	The PP shall install Digital water level recorder for monitoring the water recharge and carry out quarterly maintenance and cleaning of 23 RWH pits.
PPs Submission: Complied Not applicable. At site we do not have recharge pits. As we are not extracting any ground water. We are taking water supply from HSIIDC.		Date: 28/11/2025
24	MISCELLANEOUS	The PP shall get permission of 2.0 And 0.5 TPH boiler from Haryana Boiler Inspection Department
PPs Submission: Complied Permission received from Haryana Boiler Inspection Department.		Date: 28/11/2025
25	MISCELLANEOUS	The PP shall record the details of total organic solvent used for the process in the unit
PPs Submission: Complied Site is maintaining detailed records of the total quantity of organic solvents used in the process within the unit, in compliance with statutory requirements. List of solvent attached.		Date: 29/11/2025
26	MISCELLANEOUS	The PP shall take all precautions to the use of chemicals and their vapors to manage the fire accident.

PPs Submission: Complied Close loop system has been designed to control the VOC emission during process and to maintain minimal atmospheric exposure of the chemical or solvent		Date: 28/11/2025
27	MISCELLANEOUS	As proposed by the project proponent, zero liquid discharge shall be ensured and no waste/treated water shall be discharged to any surface water body, sea and/or on land. Domestic sewage shall be disposed off through septic tank/soak pit
PPs Submission: Complied ETP followed by ZLD plant installed to meet the effluent discharge norms regulated by HSPCB and CPCB. Industrial trade effluent is being treated in 170 KLD capacity of ETP. ZLD treated effluent will be reused in utility. Treated sewage water will be reused in gardening.		Date: 28/11/2025
28	MISCELLANEOUS	To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines
PPs Submission: Complied Air pollution control devices such as stacks, scrubbers and dust collectors are installed and in operation to adhere the various process emission as per prescribed limits by CPCB/HSPCB. For reference Annexure - 21 attached.		Date: 28/11/2025
29	MISCELLANEOUS	Necessary authorization required under the Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016, Solid Waste Management Rules, 2016 shall be obtained and the provisions contained in the Rules shall be strictly adhered to.
PPs Submission: Complied Hazardous waste authorization under the Hazardous and Other Wastes Rules, 2016 granted by HSPCB (No. HWM/PIT/2024/49117309 dated 08/08/2024). For reference Annexure - 8 attached.		Date: 28/11/2025
30	MISCELLANEOUS	Solvent management shall be carried out as follows: (i) Reactor shall be connected to chilled brine condenser system (ii) Reactor and solvent handling pump shall have mechanical seals to prevent leakages. (iii) The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 99 percent recovery (iv) Solvents shall be stored in a separate space specified with all safety measures (v) Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done (vi) Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses (vii) All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation
PPs Submission: Complied (i.) Chiller/cooling water line connected to reactor limpet and jackets. (ii.) Mechanical seals are available for all solvent handling pumps. (iii.) it is complied. condensers provided with sufficient HTA and residence time, to achieve more than 99 percent recovery. (iv.) Solvent storage in separate tank farm area. All state-of-the-art safety measures has been taken. (v.) For fixed type equipment double earthing provided and for portable type earthing clamp will be used. (vi.) Wherever solvent and other flammable chemicals are handled, area Equipment's are suitably of flameproof type. (vii.) Chiller/cooling water line connected to reactor limpet and jackets.		Date: 28/11/2025
31	MISCELLANEOUS	Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond
PPs Submission: Complied It is noted and being complied with. Process effluent and/or any wastewater has been transferred to		Date: 28/11/2025

the Effluent Treatment Plant (ETP) through a dedicated pipeline arrangement, which includes a guard pond specifically designated for effluent/wastewater management. Additionally, a dedicated stormwater reservoir has been constructed at the site, equipped with a trench line system. This reservoir is strictly segregated and not allowed to mix with process effluent or wastewater.		
32	MISCELLANEOUS	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm, and solvent transfer through pumps
PPs Submission: Complied All safety measures considered during design and ensured the same during installation. All hazardous chemicals are being stored in designated tank farm area.		Date: 28/11/2025
33	MISCELLANEOUS	Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic and evaporation salt shall be disposed off to the TSDF
PPs Submission: Complied All hazardous waste shall be disposed as per Hazardous waste authorization to GEPIL, Shree cement and planet Refuel under the Hazardous and Other Wastes Rules, 2016 granted by HSPCB (No.HWM/PIT/2024/49117309 dated 08/08/2024).		Date: 28/11/2025
34	MISCELLANEOUS	The company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.
PPs Submission: Complied Complied as per rules and guideline of MSIHC rules (1989): 1.) Onsite emergency plan for the site is available. 2.) MSDS available for all chemicals. 3.) Chemical stored in a threshold limit. 4.) PESO license is available for chemical storage as per requirement. Complied as per Motor Vehicle Act (1989): 1.) Driving licences. 2.) Spark arrestor for vehicles entering the tank farms and other plant premises.		Date: 28/11/2025
35	MISCELLANEOUS	The company shall undertake waste minimization measures as below:- i) Metering and control of quantities of active ingredients to minimize waste. ii) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes iii) Use of automated filling to minimize spillage iv) Use of Close Feed system into batch reactors v) Venting equipment through vapour recovery system vi) Use of high pressure hoses for equipment clearing to reduce wastewater generation
PPs Submission: Complied i.) Plant production is an automated process, where raw materials are added through closed loop pipelines and having controlled measure. ii.) Full fledged wash water and wash solvent scheme is installed and is in use. iii.) Automated filling systems have been implemented to minimize spillage. iv.) All reactor process have closed feed system to add the ingredients. v.) All reactors and solvent storage vessels have close loop vapor recovery system installed at site. vi.) High-pressure cleaning systems are in use to reduce wastewater generation.		Date: 28/11/2025
36	MISCELLANEOUS	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
PPs Submission: Complied Fire Fighting Scheme and Fire NOC has been approved by Fire Service Department, Haryana. Fire Fighting system provided as per Factory Act/ Haryana Fire service Act. For reference Annexure - 9		Date: 28/11/2025

attached.		
37	MISCELLANEOUS	Raw material storage should not exceed threshold limit.
PPs Submission: Complied It is noted and being complied.		Date: 28/11/2025
38	MISCELLANEOUS	Any change in stipulations of EC will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.
PPs Submission: Complied We are strictly adhering to all the guidelines and stipulations mentioned in the Environment Clearance (EC). No changes or deviations have been made from the approved conditions.		Date: 28/11/2025
39	MISCELLANEOUS	Adequate studies have been carried out to ascertain that there would not be any obstruction or impediment in general traffic in vicinity of the project due to the said expansion of the project
PPs Submission: Complied Adequate parking space is provided with in the plant premises.		Date: 28/11/2025
40	MISCELLANEOUS	The no. of in-bound and out-bound vehicles (1351 PCU/Hr.) and the running hours per day (8 hours) of DG sets considered while undertaking the studies for evaluating the Incremental Pollution Load and those are true to best of our knowledge.
PPs Submission: Complied Incremental Pollution Load considered as per inbound and out-bound vehicles (1351 PCU/Hr.) and the running hours per day of Gensets.		Date: 28/11/2025
41	MISCELLANEOUS	We undertake to use Dual Fired (HSD/Gas) for Bioler, Thermopacs and Emergency Generator, Further we would use gas as soon as the same is made available at out plot boundry by the concerned authorities in the line with NCAP/GRAP guidelines..
PPs Submission: Complied It is noted and complied. Boiler, Thermopack and Emergency Gas genset installed with PNG fuel.		Date: 28/11/2025
42	MISCELLANEOUS	The PP shall submit affidavit mentioning that no untreated water would be released inside or outside the project or anywhere; waste water would be treated to tertiary level and would be used with the installation of Dual plumbing.
PPs Submission: Complied Undertaking for no untreated water would be released inside or outside the project or anywhere and wastewater would be treated to tertiary level had been submitted during the EC. Dual plumbing system is followed at site i.e.one pipeline used for potable (drinking quality) water and another pipeline used for non-potable water, often treated wastewater or graywater.		Date: 28/11/2025

General Conditions

Sr.No.	Condition Type	Condition Details
1	Statutory compliance	The project proponent shall obtain clearance from the National Board for wildlife, if applicable.

PPs Submission: Complied Not applicable. As project established on land of HSIIDC Industrial Estate.		Date: 28/11/2025
2	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 involved in the project.
PPs Submission: Complied Not applicable. As project established on land of HSIIDC Industrial Estate.		Date: 28/11/2025
3	Statutory compliance	The Project proponent shall prepare a Site-Specific Conservation Plan and Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendation 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-1 species in the study area).
PPs Submission: Agreed to Comply Conservation plan for Schedule-I species submitted at Forest Department, waiting for their approval. We are following up Chief Wildlife Warden, recently we had a meeting with Dept on 17th Nov 25. Proposal letter received on 12th Nov 25 for additional activities to be incorporated in the proposal.		Date: 28/11/2025
4	Statutory compliance	The project proponent shall obtain Consent to establish/operate under the provision of air (Prevention and Control pollution) Act, 1981 and the water (Prevention and control of pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.
PPs Submission: Complied Consent to Operate has been issued by HSPCB (No. HSPCB/Consent : 313096423PITCTO38848882 ,Dated:10/10/2023. For reference Annexure - 6 attached.		Date: 28/11/2025
5	Statutory compliance	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as attended from time of time.
PPs Submission: Complied Hazardous waste authorization under the Hazardous and Other Wastes Rules, 2016 granted by HSPCB (No. HWM/PIT/2024/49117309 dated 08/08/2024). For reference Annexure - 8 attached.		Date: 28/11/2025
6	Statutory compliance	The company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MJVA), 1989.
PPs Submission: Complied Complied as per rules and guideline of MSIHC rules (1989): 1.) Onsite emergency plan for the site is available. 2.) MSDS available for all chemicals. 3.) Chemical stored in a threshold limit. 4.) PESO license is available for chemical storage as per requirement. Complied as per Motor Vehicle Act (1989): 1.) Driving lincses. 2.) Spark arrestor for vehicles entering the tank farms and other plant premises.		Date: 28/11/2025
7	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall install 24 into 7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier

		specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
PPs Submission: Complied CEMS system installed at all stacks for continuous emission monitoring as per the guidelines and Connectivity provided with CPCB/ SPCB server completed. Connectivity letter copy attached as per Annexure - 20.		Date: 28/11/2025
8	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
PPs Submission: Complied Fugitive emissions within the plant premises are monitored once every quarter through laboratories recognized under the Environment (Protection) Act, 1986, and records are maintained as per statutory requirements.		Date: 28/11/2025
9	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant o the main pollutants released (e.g. PM10 and PM25 in reference to PM emission, and SO2 and NOX in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each), covering upwind and downwind directions.
PPs Submission: Complied Site has installed an Ambient Air Quality Monitoring system to monitor PM10, PM2.5, SO2, and NOx at four locations, covering upwind and downwind directions, in compliance with statutory requirements.		Date: 28/11/2025
10	AIR QUALITY MONITORING AND PRESERVATION	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 percent 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.
PPs Submission: Complied The Gaseous fuel is used for Boilers, thermopack and Emergency Generator sets. All stacks are at 35-meter height from ground level and conforming to CPCB/SPCB norms. Scrubber and dust collector installed in each process block to control fugitive emissions.		Date: 28/11/2025
11	AIR QUALITY MONITORING AND PRESERVATION	Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
PPs Submission: Complied Coal: Not applicable, other powder materials are being stored in silos or fully covered dedicated storage area.		Date: 28/11/2025
12	AIR QUALITY MONITORING AND PRESERVATION	National Emission Standard for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608 (E) dated 21st July, 2010 and amended form time to time shall be followed.
PPs Submission: Complied We reaffirm our commitment to environmental compliance by following the National Emission Standards for Organic Chemicals Manufacturing Industry, as notified under G.S.R. 608(E) dated 21st July 2010, and subsequent amendments, ensuring that all prescribed emission norms and control measures are consistently implemented.		Date: 28/11/2025

13	AIR QUALITY MONITORING AND PRESERVATION	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R No. 826 (E) dated 16th November, 2009 shall be complied with
PPs Submission: Complied Monitoring of the ambient air quality is done as per MOEFCC guideline from HSPCB recognised lab. For reference Annexure - 2 attached.		Date: 28/11/2025
14	WATER QUALITY MONITORING AND PRESERVATION	The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises (applicable in case of the projects achieving ZLD).
PPs Submission: Complied The unit has provided an online continuous monitoring system for effluent and installed a PTZ web camera with night vision capability along with flow meters at the ZLD facility, as per the requirement.		Date: 28/11/2025
15	WATER QUALITY MONITORING AND PRESERVATION	As already committed by the project proponent. Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises (applicable in case of the projects achieving the ZLD).
PPs Submission: Complied As committed, the site has ensured ETP is followed By ZLD system (RO, MEE, VTFD) installed and operational. No wastewater or treated water is discharged outside the premises, and all water is recycled and reused within the plant.		Date: 28/11/2025
16	WATER QUALITY MONITORING AND PRESERVATION	The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever is more stringent.
PPs Submission: Complied Treated effluent in ZLD system is meeting effluent discharge standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the HSPCB in CTO.		Date: 28/11/2025
17	WATER QUALITY MONITORING AND PRESERVATION	Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.
PPs Submission: Complied The site has ensured that the total fresh water requirement does not exceed the quantity specified by the Committee. Prior permission for water withdrawal has been obtained from the concerned regulatory authority/CGWA.		Date: 28/11/2025
18	WATER QUALITY MONITORING AND PRESERVATION	Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
PPs Submission: Complied Complied. A dedicated storm water and roof water reservoir has been constructed at the site to ensure segregation.		Date: 28/11/2025
19	WATER QUALITY MONITORING AND PRESERVATION	The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.

PPs Submission: Complied A rainwater reservoir has been developed as per the approved plan, and separate storm water and roof water reservoirs have been constructed at the site to ensure proper segregation. Collected rainwater is reused to minimize freshwater consumption.		Date: 28/11/2025
20	WATER QUALITY MONITORING AND PRESERVATION	The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.
PPs Submission: Complied Gas genset has been installed with a stack height of 33 meters as per CPCB norms. The gas gensets are fitted with advanced pollution control systems, including acoustic enclosures for noise reduction, ensuring compliance with CPCB standards.		Date: 28/11/2025
21	Noise Monitoring & Prevention	Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
PPs Submission: Complied Complied. An acoustic enclosure has been installed on the gas genset, achieving an insertion loss of 25 dB. For reference Annexure - 10 attached.		Date: 28/11/2025
22	Noise Monitoring & Prevention	The overall noise levels in and around the plant areas shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
PPs Submission: Complied Workplace noise levels are monitored quarterly, and half-yearly reports are submitted to HSPCB. Noise control measures, including acoustic hoods, silencers, and enclosures, have been installed on all noise sources to ensure compliance.		Date: 28/11/2025
23	Noise Monitoring & Prevention	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986, viz. 75dB(A) during day time and 70 dB(A) during night time.
PPs Submission: Complied Complied. Ambient noise monitoring is conducted monthly basis by a third-party NABL-accredited laboratory to ensure compliance with the prescribed limits. For reference Annexure - 11 attached.		Date: 28/11/2025
24	ENERGY PRESERVATION MEASURES	The energy sources for lighting purposes shall preferably be LED based
PPs Submission: Complied Entire plant lighting provided with LED.		Date: 28/11/2025
25	ENERGY PRESERVATION MEASURES	The PP will follow guidelines of ECBC required for industrial projects
PPs Submission: Complied ECBC provisions for energy efficiency in building design and construction are being implemented as per the approved plan.		Date: 28/11/2025
26	WASTE MANAGEMENT	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps. Process organic residue and spent carbon, if any, shall be sent to cement industries, ETP sludge, process inorganic and evaporation salt shall be disposed off to the TSDF.

PPs Submission: Complied Hazardous chemicals are stored in designated tanks, tank farms, drums, and carboys. Flame arresters have been provided on tank farms, and solvent transfer is done through pumps. All hazardous waste is disposed of as per authorization granted under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016. Waste is sent to GEPIL and cement industries as per HSPCB authorization (No. HWM/PIT/2024/49117309 dated 08/08/2024).		Date: 28/11/2025
27	WASTE MANAGEMENT	The company shall undertake waste minimization measures as below:- a) Metering and control of quantities of active ingredients to minimize waste. b) Reuse of by-products from the process as raw materials or as raw material substitutes in the other process. c) Use of automated filling to minimize spillage. d) Use of Close Feed system into batch reactors. e) Venting equipment through vapors recovery system. f) Use of high pressure houses for equipment clearing to reduce wastewater generation.
PPs Submission: Complied i.) Plant production is an automated process , where raw materials are added through closed loop pipelines and having controlled measure. ii.) Full fledge wash water and wash solvent scheme is installed and is in use. iii.) Automated filling systems have been implemented to minimize spillage. iv.) All reactor process have closed feed system to add the ingredients. v.) All reactors and solvent storage vessels have close loop vapor recovery system installed at site. vi.) High-pressure cleaning systems are in use to reduce wastewater generation.		Date: 28/11/2025
28	GREENBELT	The green belt of 5-10 m width shall be developed in more than 33 percent of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.
PPs Submission: Complied Complied as per Environmental Clearance conditions. Green belt development has been completed in accordance with the approved plan, particularly along the plant boundary with a width of 5 to 10 meters. A total of 14,500 trees have been planted, achieving 100 percent coverage of the designated greenbelt area. Species planted include Sheesham, Amaltas, Neem, Kachnar, Jacaranda, Arjun, Kadam, Jamun, Gulmohar, Pilkhun, and others, as per CPCB guidelines and in consultation with the State Forest Department. Greenbelt photograph attached.		Date: 28/11/2025
29	Risk Mitigation and Disaster Management	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
PPs Submission: Complied Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management prepared and approved. For reference Annexure - 12 attached.		Date: 28/11/2025
30	Risk Mitigation and Disaster Management	The PP shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
PPs Submission: Complied Heat stress analysis has been conducted for all high-temperature work zones. PPE (such as heat-resistant gloves, cooling vests, hydration facilities, etc.) has been provided in accordance with the Factories Act requirements. Continuous monitoring and periodic review are in place to ensure compliance.		Date: 28/11/2025
31	Risk Mitigation and Disaster Management	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 structure to be removed after the completion of the project.
PPs Submission: Complied The project is completed, and plant is in operation phase.		Date: 28/11/2025
32	Risk Mitigation and Disaster Management	Occupational health surveillance of the worker shall be done on a regular basis and records maintained as per the Factories Act.
PPs Submission: Complied Pre-employment and Periodical medical examinations are being done for all workers and employees as per Haryana Factory Rule.		Date: 28/11/2025
33	Corporate Environmental Responsibility	The project proponent shall comply with the Corporate Environment Responsibility.
PPs Submission: Complied Completion certificate (letter no: HPWWMA/ENGG/2023/283/70055) received from HPWWMA. Solar streetlight (204 nos.) and high mast (16 nos.) provided in nearby four villages (Dadlana, Rajapur, Singhapura, Faridpur and Azzizullapur). Project completion letter (memo no. PO/DNRE/CER/2024/60) provided by NRE Department, Panipat, Haryana. To provide Solar panel system in nearby village's school is initiated through Renewable Energy department, Haryana. Budget Has been transferred to RE department Haryana. Vendor technical details have been provided to Regional HSPCB office to get the required local administrative approvals. For reference Annexure - 13 attached.		Date: 28/11/2025
34	Corporate Environmental Responsibility	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and /or shareholders/stake stakeholders. The copy of the board resolution in this regard shall be submitted to the MoEF and CC as a part of the six monthly report.
PPs Submission: Complied Environmental Policy has been laid down and displayed at site and submitting the copy to MOeFCC as a part of six-monthly report. For reference Annexure - 14 attached.		Date: 28/11/2025
35	Corporate Environmental Responsibility	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization .
PPs Submission: Complied A dedicated Environmental Cell has been established at both levels, staffed with qualified EHS professionals, ensuring compliance with the requirement.		Date: 28/11/2025
36	Corporate Environmental Responsibility	Action plan for implementing EMP and Environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by the competent authority. The Year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted and for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
PPs Submission: Complied The EMP Action Plan has been prepared and approved by Senior Management, and its		Date: 28/11/2025

implementation is currently in progress. Separate funds have been allocated exclusively for environmental protection measures, and year-wise progress of implementation is being reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report. For reference Annexure - 15 attached.		
37	Corporate Environmental Responsibility	Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
PPs Submission: Agreed to Comply Annual self environmental audits are being conducted as per the requirement, and a third party environmental audit is scheduled for FY 2025 to 26.		Date: 28/11/2025
38	Corporate Environmental Responsibility	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Cement plants shall be implemented.
PPs Submission: Complied Not applicable. As we are integrated paint manufacturing facilities and we are taking all necessary precautions to protect the environment. By following the greenbelt development, a closed loop system, automated filling systems and high-pressure cleaning systems etc.		Date: 28/11/2025
39	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 at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponents website permanently.
PPs Submission: Complied As per EC order, Company was given advertisement in two local newspapers of the District/State within 7 days (dated 06/01/2022) from EC granted by SEIAA (dated 31/12-2021). Copy of Times of India and Panjab Kesari is attached. For reference Annexure - 16 attached.		Date: 28/11/2025
40	MISCELLANEOUS	The copies of the 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 has to display the same for 30 days from the date of receipt.
PPs Submission: Complied As per the Environmental Clearance (EC) order, a copy of the EC has been submitted to the HSIIDC Office and the Gram Panchayat. Both entities have been instructed to display the clearance document for a period of 30 days to ensure public viewing. For reference Annexure - 17 attached.		Date: 28/11/2025
41	MISCELLANEOUS	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
PPs Submission: Complied Compliance status of EC, including the results of monitored data, has been uploaded on the website and is updated on a half-yearly basis.		Date: 28/11/2025
42	MISCELLANEOUS	The project proponent shall monitor the criteria pollutants level namely:PM10, SO2 , NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.

PPs Submission: Complied Environmental monitoring being complied, and critical parameters are being displayed on environmental green display board at main gate of company.		Date: 28/11/2025
43	MISCELLANEOUS	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
PPs Submission: Complied Six-monthly compliance reports have been submitted and uploaded on the MoEFCC environment clearance portal as per the stipulated requirement.		Date: 28/11/2025
44	MISCELLANEOUS	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
PPs Submission: Complied Environmental Statement form-V for FY 2024-25 has been submitted to the State Pollution Control Board on 30/09/2025. For reference Annexure - 18 attached.		Date: 29/11/2025
45	MISCELLANEOUS	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
PPs Submission: Complied Letter to be submitted to RO in Nov 25 and Letter shall be submitted to Ministry through halfyearly compliance report scheduled in Nov 25. For reference Annexure - 19 attached.		Date: 28/11/2025
46	MISCELLANEOUS	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State government.
PPs Submission: Complied All stipulations issued by the State Pollution Control Board and the State Government are being strictly complied with.		Date: 28/11/2025
47	MISCELLANEOUS	The project proponent shall abide by the all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
PPs Submission: Complied We shall abide all commitments and recommendations mentioned in the EIA/EMP report, during Public Hearing, and presentations to the Expert Appraisal Committee.		Date: 28/11/2025
48	MISCELLANEOUS	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF and CC).
PPs Submission: Complied It is noted and being complied, without proper approval from MOEF no further expansion and modification will be carried out.		Date: 28/11/2025
49	MISCELLANEOUS	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (protection) Act, 1986.

PPs Submission: Complied It is noted. All data submitted is factual and accurate. No false or fabricated information has been provided.		Date: 28/11/2025
50	MISCELLANEOUS	The Ministry/SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
PPs Submission: Complied It is noted and will be complied. All stipulated conditions are being implemented satisfactorily.		Date: 28/11/2025
51	MISCELLANEOUS	The Ministry/SEIAA reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions.
PPs Submission: Complied It is noted and will be complied. If any conditions are imposed, they will be implemented promptly within the specified timeline.		Date: 28/11/2025
52	MISCELLANEOUS	The Regional Office of this Ministry shall monitor compliance of the stipulate conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/information/monitoring reports.
PPs Submission: Complied It is noted. Full cooperation is extended to the Regional Office. All requisite data, information, and monitoring reports are provided as and when requested.		Date: 28/11/2025
53	MISCELLANEOUS	The above conditions shall be enforced, inter-alia under the provisions of the Water (Presentation and Control of Pollution), Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, The Environment (Protection) Act, 1986. Hazardous and Other Wastes (Management and Transboundry Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other order passed by the Hon ble Supreme Court of India/ High Courts and any other Court of Law relating to the subject matter.
PPs Submission: Complied All applicable provisions of the above Acts, Rules, and court orders are being complied with.		Date: 28/11/2025
54	MISCELLANEOUS	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.
PPs Submission: Complied No appeal has been filed against this Environmental Clearance within the stipulated period.		Date: 28/11/2025
55	MISCELLANEOUS	The Project Proponent should intimate to the Authority as well as to the quarter concerned in case of any change in the present communication address.
PPs Submission: Complied It is noted and being complied.		Date: 28/11/2025

Visit Remarks

Last Site Visit Report Date:

10/06/2025

Additional Remarks:

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

Attachments:



- I. Annexure – 1 Boiler Registration Certificate
- II. Annexure – 2 Ambient Air Report
- III. Annexure - 3 Work Zone Air Report
- IV. Annexure – 4 QRA
- V. Annexure – 5 Occupation Certificate
- VI. Annexure - 6 CTO Copy
- VII. Annexure – 7 Structural Certificate
- VIII. Annexure – 8 HWA
- IX. Annexure – 9 Fire NOC
- X. Annexure – 10 Noise GG
- XI. Annexure – 11 Ambient Noise
- XII. Annexure – 12 ONSEP
- XIII. Annexure – 13 CER Activity Letter
- XIV. Annexure – 14 Environment Policy
- XV. Annexure – 15 EMP
- XVI. Annexure – 16 New Paper Copy
- XVII. Annexure – 17 Panchayat & HSIIDC Copy
- XVIII. Annexure – 18 Form - V
- XIX. Annexure – 19 HSPCB Production Start Letter
- XX. Annexure – 20 HSPCB & CPCB Connectivity Letter
- XXI. Annexure – 21 Stack Report
- XXII. Annexure – 22 Process Emission Report

Department of Industries & Commerce, Haryana

From

The Chief Inspector of Boilers,
Haryana,
Room No. 60, 1st floor, 30 bays building, Sector-17B, Chandigarh

To

M/s [GRASIM INDUSTRIES LIMITED]
[PLOT NO 48-62, HSIIDC INDUSTRIAL ESTATE, VILLAGE DADLANA, PANIPAT]
[Panipat]

Memo
No.

0 0 0 0 0 0 0 0

Dated

1 3 0 6 2 0 2 3

Subject: Issue of Registration number to boiler maker No [FVPL-22-3957]

It is to inform you that your aforesaid boiler has been registered. Please find enclosed herewith boiler Registration No. [] slip to your subject-cited boiler.

This registration number is to be paste on the front plate of the boiler at a suitable place and engrave as in Black 1/64" deep on shell plate within one month under intimation to this office.

Please acknowledge the receipt.

Encl: as above



Chief Inspector of Boilers,
Haryana.

Verification Link: <https://haryanaindustries.gov.in/msme/verify/boilerregulercertificate/refno/>



Department of Industries & Commerce, Haryana

To

M/s [GRASIM INDUSTRIES LIMITED]
[PLOT NO 48-62, HSIIDC INDUSTRIAL ESTATE, VILLAGE DADLANA, PANIPAT]
[Panipat]

Makers number : [FVPL-22-3967]

Type Of Boiler : [Smoke/ Fire tube]

Boiler Rating : []

Working Pressure : [10.55]

Registration Number :

Please paste this slip on front plate of the boiler at a suitable place and engrave as in black 1/64" deep and report.



Chief Inspector of Boilers,
Haryana.

Verification Link: <https://haryanaindustries.gov.in/msme/verify/boilerregulcertificate/refno/>



Reference Number : [000000000]

FORM VI

CERTIFICATE FOR USE OF A BOILER
(Regulation 389)

Registry Number of Boiler Type of Boiler [Smoke/ Fire tube]

Boiler Rating []

Maximum Continuous Evaporation []

Name of Owner [GRASIM INDUSTRIES LIMITED]

Situation of Boiler [PLOT NO 48-62, HSIIDC INDUSTRIAL ESTATE, VILLAGE DADLANA, PANIPAT]

Repairs []

Remarks []

Hydraulically Tested on [2023-01-31] to [15.83]

I hereby certify that the above described boiler is permitted be me/ the Chief Inspector under the provisions of Section 7/8 of the Indian Boilers Act, No. V of 1923, to be worked at a maximum pressure of [] kg/cm² for the period from [] to [].

The loading of the [] safety valve and spring loaded is not to exceed []

Fee Rs. [] paid on []

Dated : []



Chief Inspector of Boilers,
Haryana

Verification Link: <https://haryanaindustries.gov.in/meme/verify/boilerregulercertificate/refer/>



FORM VI

CERTIFICATE FOR USE OF A BOILER
(Regulation 389)Registry Number of Boiler **HA-8154** Type of Boiler **[Smoke/ Fire tube]**Boiler Rating **[51] Mt.Sq.**Maximum Continuous Evaporation **[0]**Name of Owner **[GRASIM INDUSTRIES LIMITED]**Situation of Boiler **[PLOT NO 48-62, HSIIDC INDUSTRIAL ESTATE, VILLAGE DADLANA, PANIPAT]**Repairs ☐Remarks ☐Hydraulically Tested on **[27-02-2025]** to **[15.83]kg/Sq.cm**

I hereby certify that the above described boiler is permitted be me/ the Chief Inspector under the provisions of Section 7/8 of the Indian Boilers Act, No. V of 1923, to be worked at a maximum pressure of **[10.55]** kg/cm² for the period from **[27-02-2025]** to **[26-02-2026]**.

The loading of the ☐ safety valve and spring loaded is not to exceed **[10.55]**Fee Rs. ☐ paid on ☐Dated : **[2025-02-27]**Joint Director-cum-Chief
Inspector of Boilers,
Haryana

FORM VI

CERTIFICATE FOR USE OF A BOILER
(Regulation 389)

Registry Number of Boiler HA-8155 Type of Boiler [Smoke/ Fire tube]

Boiler Rating [51] Mt.Sq.

Maximum Continuous Evaporation [0]

Name of Owner [GRASIM INDUSTRIES LIMITED]

Situation of Boiler [PLOT NO 46-62, HSIIDC INDUSTRIAL ESTATE, VILLAGE DADLANA, PANIPAT]

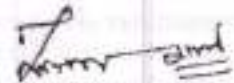
Repairs ☐Remarks ☐

Hydraulically Tested on [27-02-2025] to [15.83]kg/Sq.cm

I hereby certify that the above described boiler is permitted be me/ the Chief Inspector under the provisions of Section 7/8 of the Indian Boilers Act, No. V of 1923, to be worked at a maximum pressure of [10.55] kg/cm² for the period from [27-02-2025] to [26-02-2026].

The loading of the ☐ safety valve and spring loaded is not to exceed [10.55]Fee Rs. ☐ paid on ☐

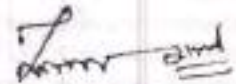
Dated : [2025-02-27]

Joint Director-cum-Chief
Inspector of Boilers,
Haryana

FORM VI

CERTIFICATE FOR USE OF A BOILER
(Regulation 389)Registry Number of Boiler **HA-8156** Type of Boiler [**Smoke/ Fire tube**]Boiler Rating [**51**] Mt.Sq.Maximum Continuous Evaporation [**0**]Name of Owner [**GRASIM INDUSTRIES LIMITED**]Situation of Boiler [**PLOT NO 48-62, HSIIDC INDUSTRIAL ESTATE, VILLAGE DADLANA, PANIPAT**]Repairs ☐Remarks ☐Hydraulically Tested on [**12-03-2025**] to [**15.83**]kg/Sq.cm

I hereby certify that the above described boiler is permitted be me/ the Chief Inspector under the provisions of Section 7/B of the Indian Boilers Act, No. V of 1923, to be worked at a maximum pressure of [**10.55**] kg/cm² for the period from [**12-03-2025**] to [**11-03-2026**].

The loading of the ☐ safety valve and spring loaded is not to exceed [**10.55**]Fee Rs. ☐ paid on ☐Dated : [**2025-03-12**]Joint Director-cum-Chief
Inspector of Boilers,
Haryana



Certified by : ISO 9001:2015, ISO : 14001:2015, ISO:45001 : 2018

Citro Labs Private Limited

(Formerly Known as Centre for Industrial Testing & Research Organization)

AGovt. Approved Testing Laboratory

Opp. Ind-Swift, Industrial Area, Village-Jawaharpur,

Derabassi, Distt. SAS Nagar, Punjab-140507

(M) +91-8528969439, +91-9815094327

E-mail : info@citrolab.com

Website : www.citrolab.com



TEST REPORT

Page 01 of 01

Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road ,Panipat, Haryana- 132140.	Report No.	CITRO/QC/150725/318 (1)
	Issue date	26-07-2025
	NABL ULR No.	TC1533125000001988 F
	Registration no. for Grasim Industries	25-07-55
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 15-07-2025	Analysis Start Date: 15-07-2025	Analysis Completion Date: 26-07-2025

A. Particulars of the Sample:

Name of Sample	Ambient Air Quality	Testing as Per	NAAQS 2009
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 filter paper 8x10 inch , 1 filter paper PTFE , 4 nos. absorbing media 30 ml each	Packing Mode	Packed in Polythene Pouch & Vials

General Information:

1. Location of Sampling Point : Utility -I
2. Date of Monitoring : 12-07-2025
3. Purpose of Monitoring : For Monitoring
4. Duration of Monitoring, minutes : 1440
5. Avg. Flow Rate of Sampling, m³/min. : 1.18
6. Volume of air sampled, m³ : 1585
7. Avg. Ambient Temperature, °C : 38

B. Test Results:

Sr. No.	Test Parameters	Test Method	Requirements (NAAQS 2009)	Test Result
1	Particulate Matter (PM ₁₀), µg/m ³	IS:5182 (P-23)	100 Max.	92
2	Particulate Matter (PM _{2.5}), µg/m ³	IS:5182 (P-24)	60 Max.	55
3	Sulphur Dioxide (SO ₂), µg/m ³	IS:5182 (P-2) Sec-I	80 Max.	26
4	Nitrogen Dioxide (NO ₂), µg/m ³	IS:5182 (P-6)	80 Max.	32
5	Ozone (O ₃), µg/m ³	IS:5182 (P-9)	180 Max.	18
6	Ammonia (NH ₃), µg/m ³	IS:5182 (P-25)	400 Max.	16
7	Lead (Pb), µg/m ³	Method of Air Sampling & Analysis (Method No. 822)	1.0 Max.	BLQ (LOQ 0.1)
8	Benzene (C ₆ H ₆), µg/m ³	IS: 5182 (P-11)	5.0 Max.	BLQ (LOQ 1.0)
9	Benzo (a) Pyrene (BaP)- Particulate Phase only, µg/m ³	IS: 5182 (P-12)	1.0 Max.	BLQ (LOQ 0.05)
10	Arsenic (As), µg/m ³	CITRO/QC/STP041	6.0 Max.	BLQ (LOQ 1.0)
11	Nickel (Ni), µg/m ³	Method of Air Sampling & Analysis (Method No. 822)	20.0 Max.	BLQ (LOQ 1.0)

C. Supplementary Information:

1	Reference to Sampling Procedure	CITRO/QC/SOP02
2	Supporting Documents for the Measurements, Taken and Results Derived Like: Graphs/Tables/Sketches/Photographs as Appropriate to the Test Report (if any)	NA
3	Additions, Deletions, or Exclusions from the Relevant Test Method/Work Instructions (if any)	NA

NA: Not Applicable, Sampling done by Lab, NAAQS: National Ambient Air Quality Standard, BLQ: Below Limit of Quantification, LOQ: Limit of Quantification

End of Test Report

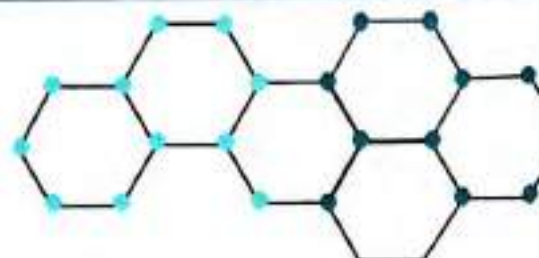
Kumari Aparna

(Reviewed By)

Gaurav Goyal
Technical Head
(Authorized Signatory)

Disclaimer:

1. This test report has been at your request and test results pertain to the tested sample as received.
2. Samples not drawn by lab unless otherwise stated.
3. Test reports in full or parts shall not be used for promotional or publicity purpose.
4. Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
5. Total liability or any claim in case of dispute is limited to the invoice value by the laboratory.
6. The sample will be destroyed after retention time unless otherwise specified specially.
7. Endorsement of the product tested by the laboratory is neither inferred nor implied.
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TEST REPORT

Page 01 of 01

Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road ,Panipat, Haryana- 132140.	Report No.	CITRO/QC/150725/318 (1)
	Issue date	26-07-2025
	NABL ULR No.	TC1533125000001988 F
	Registration no. for Grasim Industries	25-07-55
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 15-07-2025	Analysis Start Date: 15-07-2025	Analysis Completion Date: 26-07-2025

A. Particulars of the Sample:

Name of Sample	Ambient Air Quality	Testing as Per	NAAQS 2009
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 filter paper 8x10 inch , 1 filter paper PTFE , 4 nos. absorbing media 30 ml each	Packing Mode	Packed in Polythene Pouch & Vials

General Information:

1. Location of Sampling Point : Utility -I
2. Date of Monitoring : 12-07-2025
3. Purpose of Monitoring : For Monitoring
4. Duration of Monitoring, minutes : 1440
5. Avg. Flow Rate of Sampling, m³/min. : 1.18
6. Volume of air sampled, m³ : 1585
7. Avg. Ambient Temperature, °C : 38

B. Test Results:

Sr. No.	Test Parameters	Test Method	Requirements (NAAQS 2009)	Test Result
1	Particulate Matter (PM ₁₀), µg/m ³	IS:5182 (P-23)	100 Max.	92
2	Particulate Matter (PM _{2.5}), µg/m ³	IS:5182 (P-24)	60 Max.	55
3	Sulphur Dioxide (SO ₂), µg/m ³	IS:5182 (P-2)/ Sec-I	80 Max.	26
4	Nitrogen Dioxide (NO ₂), µg/m ³	IS:5182 (P-6)	80 Max.	32
5	Ozone (O ₃), µg/m ³	IS:5182 (P-9)	180 Max.	18
6	Ammonia (NH ₃), µg/m ³	IS:5182 (P-25)	400 Max.	16
7	Lead (Pb), µg/m ³	Method of Air Sampling & Analysis (Method No. 822)	1.0 Max.	BLQ (LOQ 0.1)
8	Benzene (C ₆ H ₆), µg/m ³	IS: 5182 (P-11)	5.0 Max.	BLQ (LOQ 1.0)
9	Benzo (a) Pyrene (BaP)- Particulate Phase only, ng/m ³	IS: 5182 (P-12)	1.0 Max.	BLQ (LOQ 0.05)
10	Arsenic (As), ng/m ³	CITRO/QC/STP/041	6.0 Max.	BLQ (LOQ 1.0)
11	Nickel (Ni), ng/m ³	Method of Air Sampling & Analysis (Method No. 822)	20.0 Max.	BLQ (LOQ 1.0)

C. Supplementary Information:

1	Reference to Sampling Procedure	CITRO/QC/SOP/036
2	Supporting Documents for the Measurements Taken and Results Derived Like: Graphs/Tables/Sketches/Photographs as Appropriate to the Test Report (if any)	NA
3	Adherence to Deviations or Exclusions from the Relevant Test Method/Work Instructions (if any)	NA

B. Remarks: N/A Not Applicable. Sampling done by lab, NAAQS: National Ambient Air Quality Standard, BLQ: Below Limit of Quantification, LOQ: Limit of Quantification

End of Test Report

Kumari Aparna

(Reviewed By)

Aparna
26-07-2025



Gaurav Goyal
Technical Head
(Authorized Signatory)

Gaurav
26-07-2025

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TEST REPORT

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Paints Division) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.	Report No.	CITRO/QC/130925/176 (1)
	Issue date	26-09-2025
	NABL ULR No.	TC1533125000002581 F
	Registration no. for Grasim Industries	25-09-33
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 13-09-2025		Analysis Start Date: 13-09-2025
		Analysis Completion Date: 26-09-2025

A. Particulars of the Sample:

Name of Sample	Ambient Air Quality	Testing as Per	NAAQS 2009
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 filter paper 8x10 inch, 1 filter paper PTFE, 4 nos. absorbing media 30 ml each	Packing Mode	Packed in Polythene Pouch & Vials

General Information:

1. Location of Sampling Point : Utility -1
2. Date of Monitoring : 11-09-2025
3. Purpose of Monitoring : For Monitoring
4. Duration of Monitoring, minutes : 1440
5. Avg. Flow Rate of Sampling, m³/min. : 1.16
6. Volume of air sampled, m³ : 1589.1
7. Avg. Ambient Temperature, °C : 32

B. Test Results:

Sr. No.	Test Parameters	Test Method	Requirements (NAAQS 2009)	Test Result
1	Particulate Matter (PM ₁₀), µg/m ³	IS: 5182 (P-23)	100 Max.	92
2	Particulate Matter (PM _{2.5}), µg/m ³	IS: 5182 (P-24)	60 Max.	54
3	Sulphur Dioxide (SO ₂), µg/m ³	IS: 5182 (P-2)/ Sec-1	80 Max.	25
4	Nitrogen Dioxide (NO ₂), µg/m ³	IS: 5182 (P-6)	80 Max.	30
5	Ozone (O ₃), µg/m ³	IS: 5182 (P-9)	180 Max.	18
6	Ammonia (NH ₃), µg/m ³	IS: 5182 (P-25)	400 Max.	15.5
7	Lead (Pb), µg/m ³	Method of Air Sampling & Analysis (Method No. 822)	1.0 Max.	BLQ (LOQ: 0.1)
8	Benzene (C ₆ H ₆), µg/m ³	IS: 5182 (P-11)	5.0 Max.	BLQ (LOQ: 1.0)
9	Benzo (a) Pyrene (BaP)- Particulate Phase only, µg/m ³	IS: 5182 (P-12)	1.0 Max.	BLQ (LOQ: 0.05)
10	Arsenic (As), µg/m ³	CITRO/QC/STP/041	6.0 Max.	BLQ (LOQ: 1.0)
11	Nickel (Ni), µg/m ³	Method of Air Sampling & Analysis (Method No. 822)	20.0 Max.	BLQ (LOQ: 1.0)

C. Supplementary Information:

1	Reference to Sampling Procedure	CITRO/QC/309/025
2	Supporting Documents (in the Measurements Taken and Results Derived Like: Graphs/Tables/Shortcuts/Photographs as Appropriate to the Test Report (if any))	NA
3	Addition to, Deviations, or Exclusions from the Relevant Test Method/Work Instructions of any kind	NA

B. Remarks: NA, Not Applicable, Sampling done by lab; NAAQS: National Ambient Air Quality Standards; BLQ: Below Limit of Quantification; LOQ: Limit of Quantification

Kumari Aparna

(Reviewed By)

Signature
26-09-2025



Gaurav Goyal
Technical Head
(Authorized Signatory)

Signature
26-09-2025

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TEST REPORT

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Paints Division) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road ,Panipat, Haryana- 132140.	Report No.	CITRO/QC/130925/178(2)
	Issue date	26-09-2025
	Registration no. for Grasim Industries	25-09-33
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 13-09-2025 Analysis Start Date: 13-09-2025 Analysis Completion Date: 26-09-2025		

A. Particulars of the Sample:

Name of Sample	Ambient Air Quality	Testing as Per	NAAQS 2009
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 filter paper 8x10 inch , 1 filter paper PTFE , 4 nos. absorbing media 30 ml each	Packing Mode	Packed in Polythene Pouch & Vials

General Information:

1. Location of Sampling Point : Near Canteen Truck Parking
2. Date of Monitoring : 11-09-2025
3. Purpose of Monitoring : For Self Monitoring
4. Duration of Monitoring, minutes : 1440
5. Avg. Flow Rate of Sampling, m³/min. : 1.18
6. Volume of air sampled, m³ : 1616.5
7. Avg. Ambient Temperature, °C : 32

B. Test Results:

Sr. No.	Test Parameters	Test Method	Requirements (NAAQS 2009)	Test Result
1	Carbon Monoxide (CO), mg/m ³ (8 Hourly)	IS: 5182 (P-10)	2 Max.	1.3
2	Chlorine µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
3	Hydrogen Bromide (HBr) µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
4	Hydrogen Sulfide (H ₂ S) µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
5	Hydrogen Fluoride (HF) µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
6	Toluene µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
7	Xylene µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
8	Total Volatile Organic Compounds (TVOCs) µg/m ³	In House	Not Specified	0.003

C. Supplementary Information:

1. Reference to Sampling Procedure	CITRO/QSF/0716
2. Supporting Documents for the Measurements Taken and Results Derived Like: Sample/Photos/Photographs or Appropriate to the Test Report (if any)	NA
3. Addition to, Deviation, or Exemption from the Relevant Test Method/Work Instructions (if any)	NA

D. Remarks: NA: Not Applicable, Sampling done by lab, NAAQS: National Ambient Air Quality Standard, BLQ: Below Limit of Quantification, LOQ: Limit of Quantification.

Kumari Aparna

(Reviewed By)

End of Test Report



DISCLAIMER

Gaurav Goyal

Technical Head

(Authorized Signatory)

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Paints Division) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road ,Panipat, Haryana- 132140.	Report No.	CITRO/QC/230825/238 (1)
	Issue date	29-08-2025
	NABL ULR No.	TC1533125000002294 F
	Registration no. for Grasim Industries	25-08-115
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 23-08-2025 Analysis Start Date: 23-08-2025 Analysis Completion Date: 29-08-2025		

A. Particulars of the Sample:

Name of Sample	Ambient Air Quality	Testing as Per	NAAQS 2009
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 filter paper 8x10 inch , 1 filter paper PTFE , 4 nos. absorbing media 30 ml each	Packing Mode	Packed in Polythene Pouch & Vials

General Information:

- | | |
|---|--------------------------|
| 1. Location of Sampling Point | : Back Side of FG Godown |
| 2. Date of Monitoring | : 21-08-2025 |
| 3. Purpose of Monitoring | : For Monitoring |
| 4. Duration of Monitoring, minutes | : 1440 |
| 5. Avg. Flow Rate of Sampling, m ³ /min. | : 1.17 |
| 6. Volume of air sampled, m ³ | : 1608 |
| 7. Avg. Ambient Temperature, °C | : 31 |

B. Test Results:

Sr. No.	Test Parameters	Test Method	Requirements (NAAQS 2009)	Test Result
1	Particulate Matter (PM ₁₀), µg/m ³	IS: 5182 (P-23)	100 Max.	87
2	Particulate Matter (PM _{2.5}), µg/m ³	IS: 5182 (P-24)	60 Max.	53
3	Sulphur Dioxide (SO ₂), µg/m ³	IS: 5182 (P-2) Sec-I	80 Max.	26
4	Nitrogen Dioxide (NO ₂), µg/m ³	IS: 5182 (P-6)	80 Max.	27
5	Ozone (O ₃), µg/m ³	IS: 5182 (P-9)	180 Max.	17.5
6	Ammonia (NH ₃), µg/m ³	IS: 5182 (P-25)	400 Max.	15.9
7	Lead (Pb), µg/m ³	Method of Air Sampling & Analysis (Method No. 822)	1.0 Max.	BLQ (LOQ) (1.1)
8	Benzene (C ₆ H ₆), µg/m ³	IS: 5182 (P-11)	5.0 Max.	BLQ (LOQ) (1.0)
9	Benzo (a) Pyrene (BaP)- Particulate Phase only, ng/m ³	IS: 5182 (P-12)	1.0 Max.	BLQ (LOQ) (0.05)
10	Arsenic (As), ng/m ³	CITRO/QC/STP0041	6.0 Max.	BLQ (LOQ) (1.0)
11	Nickel (Ni), ng/m ³	Method of Air Sampling & Analysis (Method No. 822)	20.0 Max.	BLQ (LOQ) (1.0)

C. Supplementary Information:

Reference to Sampling Procedure	CITRO/STP0041
Supplementary Documents for the Measurements Taken and Results Reported Like: Graphs/Tables/Notes/Photographs as Appropriate to the Test Report (if any)	NA
Adherence to Deviations or Exclusions from the Relevant Test Method/Work Instruction (if any)	NA

REMARKS: NA, Not Applicable. Sampling done by lab. NABL/IS: National Ambient Air Quality Standard, BLQ: Below Limit of Quantification, LOQ: Limit of Quantification

Kumari Aparna

(Reviewed By)

Signature
29-08-2025



Gaurav Goyal
Technical Head
(Authorized Signatory)

Signature
29-08-2025

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ISSUED TO: M/s Grasim Industries Limited (Birla Opus Paints Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road ,Panipat, Haryana- 132140.		Report No.	CITRO/QC/230825/238 (2)
		Issue date	29-08-2025
		Registration no. for Grasim Industries	25-08-115
		Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 23-08-2025	Analysis Start Date: 23-08-2025	Analysis Completion Date: 29-08-2025	

A. Particulars of the Sample:

A. Particulars of the Sample:			
Name of Sample	Ambient Air Quality	Testing as Per	NAAQS 2009
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 filter paper 8x10 inch, 1 filter paper PTFE, 4 nos. absorbing media 30 ml each	Packing Mode	Packed in Polythene Pouch & Vials

General Information:

- | | |
|---|--------------------------|
| 1. Location of Sampling Point | : Back Side of FG Godown |
| 2. Date of Monitoring | : 21-08-2025 |
| 3. Purpose of Monitoring | : For Monitoring |
| 4. Duration of Monitoring, minutes | : 1440 |
| 5. Avg. Flow Rate of Sampling, m ³ /min. | : 1.17 |
| 6. Volume of air sampled, m ³ | : 1608 |
| 7. Avg. Ambient Temperature, °C | : 31 |

B. Test Results:

Sr. No.	Test Parameters	Test Method	Requirements (NAAQS 2009)	Test Result
1	Carbon Monoxide (CO), mg/m ³ (8 Hourly)	IS: 5182 (P-10)	2 Max.	1.0
2	Chlorine µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
3	Hydrogen Bromide (HBr) µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
4	Hydrogen Sulfide (H ₂ S) µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
5	Hydrogen Fluoride (HF) µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
6	Toluene µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
7	Xylene µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
8	Total Volatile Organic Compounds (TVOCs) µg/m ³	In House	Not Specified	0.002

C. Supplementary Information:

C. Supplemental Information:		CELESTINE MURPHY
1	Hydrogen Ion Sampling Procedure	NA
2	Supporting Documents for the Measurements Taken and Results Derived Therefrom (Graphs/Tables/Spreadsheets/Tables/Appendices to the Test Report if any)	NA
3	Additional Information on the Data and Test Methods (including any notes)	NA

D. Remarks: NA - Not Applicable; Sampling done by JH; N/AQS - National Ambient Air Quality Standard; BLQ - Below Limit of Quantification; LOQ - Limit of Quantification

Kumari Aparna

(Reviewed By)

Gaurav Goyal
Technical Head
(Authorized Signatory)

(Authorized Signatory)

Doc 11/15/02

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TEST REPORT

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Division) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.	Report No.	CITRO/QC/120525/080 (2)
	Issue date	24-05-2025
	Registration no. for Grasim Industries	25-05-30
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 12-05-2025		Analysis Start Date: 12-05-2025
		Analysis Completion Date: 24-05-2025

A. Particulars of the Sample:

Name of Sample	Ambient Air Quality	Testing as Per	NAAQS 2009
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 filter paper 8x10 inch, 1 filter paper PTFE, 4 nos. absorbing media 30 ml each	Packing Mode	Packed in Polythene Pouch & Vials

General Information:

1. Location of Sampling Point : Near Main Gate Area (Outside)
2. Date of Monitoring : 09-05-2025
3. Purpose of Monitoring : For Monitoring
4. Duration of Monitoring, minutes : 1440
5. Avg. Flow Rate of Sampling, m³/min. : 1.18
6. Volume of air sampled, m³ : 1590
7. Avg. Ambient Temperature, °C : 37

B. Test Results:

Sr. No.	Test Parameters	Test Method	Requirements (NAAQS 2009)	Test Result
1	Carbon Monoxide (CO), mg/m ³ (8 Hourly)	IS: 5182 (P-10)	2 Max.	1.1
2	Chlorine µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
3	Hydrogen Bromide (HBr) µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
4	Hydrogen Sulfide (H ₂ S) µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
5	Hydrogen Fluoride (HF) µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
6	Toluene µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
7	Xylene µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
8	Total Volatile Organic Compounds (TVOCs) µg/m ³	In House	Not Specified	0.002

C. Supplementary Information:

1. Reference to Sampling Procedure	CITRO/QC/0001
2. Supporting Documents for the Measurement Taken and Results Derived Like: Google/YouTube/Website/Photographs or Appropriate to the Test Report of report	NA
3. Addition to, Deletion, or Exclusion from the Relevant Test Method/Work Instructions of any	NA

* D. Remarks: NA: Not Applicable, Sampling done by lab, NAAQS: National Ambient Air Quality Standard, BLQ: Below Limit of Quantification, LOQ: Limit of Quantification

Final Test Report

Kumari Aparna

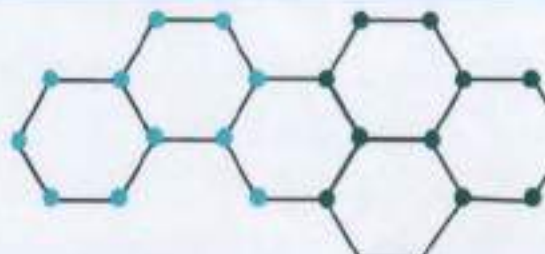
(Reviewed By)



Gaurav Goyal
Technical Head
(Authorized Signatory)

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TEST REPORT

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road ,Panipat, Haryana- 132140.	Report No.	CITRO/QC/120525/081 (2)
	Issue date	24-05-2025
	Registration no. for Grasim Industries	25-05-30
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 12-05-2025 Analysis Start Date: 12-05-2025 Analysis Completion Date: 24-05-2025		

A. Particulars of the Sample:

Name of Sample	Ambient Air Quality	Testing as Per	NAAQS 2009
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 filter paper 8x10 inch , 1 filter paper PTFE , 4 nos. absorbing media 30 ml each	Packing Mode	Packed in Polythene Pouch & Vials

General Information:

1. Location of Sampling Point : Near RMTDR Canteen Area
2. Date of Monitoring : 08-05-2025
3. Purpose of Monitoring : For Monitoring
4. Duration of Monitoring, minutes : 1440
5. Avg. Flow Rate of Sampling, m³/min. : 1.17
6. Volume of air sampled, m³ : 1587
7. Avg. Ambient Temperature, °C : 35

B. Test Results:

Sr. No.	Test Parameters	Test Method	Requirements (NAAQS 2009)	Test Result
1	Carbon Monoxide (CO), mg/m ³ (8 Hourly)	IS: 5182 (P-10)	2 Max.	1.2
2	Chlorine µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
3	Hydrogen Bromide (HBr) µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
4	Hydrogen Sulfide (H ₂ S) µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
5	Hydrogen Fluoride (HF) µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
6	Toluene µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
7	Xylene µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
8	Total Volatile Organic Compounds (TVOCs) µg/m ³	In House	Not Specified	0.002

C. Supplementary Information:

1	Reference to Sampling Procedure	CITRO/QSF/0716
2	Supporting Documents for the Measurement Taken and Results Derived Like: Checklists/Records/Photographs etc. (If any)	NA
3	Adherence to: Deviations, or Exclusions from the Relevant Test Method/Work Instructions (If any)	NA

Dr. Researcher: NA. Not Applicable. Sampling done by lab. NAAQS: National Ambient Air Quality Standards. BLQ: Below Limit of Quantification, LOQ: Limit of Quantification

Kumari Aparna

(Reviewed By)

Gaurav
24-05-2025

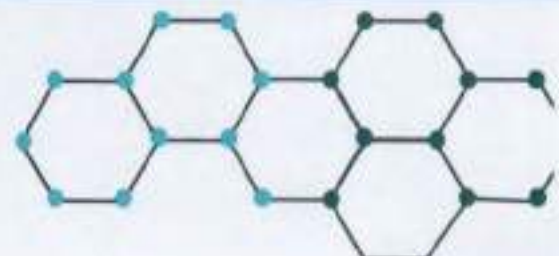


Gaurav Goyal
Technical Head
(Authorized Signatory)

Gaurav
24-05-2025

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road Panipat Haryana 132140	Report No.	CITRO/QC/300425/282 (1)
	Issue date	08-05-2025
	NABL ULR No.	TC1533125000000876 F
	Registration no. for Grasim Industries	25-04-123
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 30-04-2025 Analysis Start Date: 30-04-2025 Analysis Completion Date: 08-05-2025		

A. Particulars of the Sample:

Name of Sample	Ambient Air Quality	Testing as Per	NAAQS 2009
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 filter paper 8x10 inch, 1 filter paper PTFE, 4 nos, absorbing media 30 ml each	Packing Mode	Packed in Polythene Pouch & Vials

General Information:

1. Location of Sampling Point : Near Main Gate Area (Inside)
2. Date of Monitoring : 25-04-2025
3. Purpose of Monitoring : For Monitoring
4. Duration of Monitoring, minutes : 1440
5. Avg. Flow Rate of Sampling, m³/min. : 1.16
6. Volume of air sampled, m³ : 1548
7. Avg. Ambient Temperature, °C : 40

B. Test Results:

Sr. No.	Test Parameters	Test Method	Requirements (NAAQS 2009)	Test Result
1	Particulate Matter (PM ₁₀), µg/m ³	IS:5182 (P-23)	100 Max.	88
2	Particulate Matter (PM _{2.5}), µg/m ³	IS:5182 (P-24)	60 Max.	48
3	Sulphur Dioxide (SO ₂), µg/m ³	IS:5182 (P-2)/Sec-1	80 Max.	22
4	Nitrogen Dioxide (NO ₂), µg/m ³	IS:5182 (P-6)	80 Max.	30
5	Ozone (O ₃), µg/m ³	IS:5182 (P-9)	180 Max.	18.2
6	Ammonia (NH ₃), µg/m ³	IS:5182 (P-25)	400 Max.	16.1
7	Lead (Pb), µg/m ³	Method of Air Sampling & Analysis (Method No. 822)	1.0 Max.	BLQ (LOQ:0.1)
8	Benzene (C ₆ H ₆), µg/m ³	IS: 5182 (P-11)	5.0 Max.	BLQ (LOQ:1.0)
9	Benzo (a) Pyrene (BaP)- Particulate Phase only, ng/m ³	IS: 5182 (P-12)	1.0 Max.	BLQ (LOQ:0.05)
10	Arsenic (As), ng/m ³	CITRO/QC/STP/041	6.0 Max.	BLQ (LOQ:1.0)
11	Nickel (Ni), ng/m ³	Method of Air Sampling & Analysis (Method No. 822)	20.0 Max.	BLQ (LOQ:1.0)

C. Supplementary Information:

1	Reference to Sampling Procedure	CITRO/QC/N01326
2	Supporting Documents for the Measurements Taken and Results Derived Like: Graphs/Tables/Sketches/Photographs as Appropriate to the Test Report of any	NA
3	Addition to, Deviation, or Exclusions from the Reference Test Method/Work Instructions	NA

D. Remarks: NA- Not Applicable, Sampling done by lab, NAAQS: National Ambient Air Quality Standards, BLQ: Below Limit of Quantification, LOQ: Limit of Quantification.

Kumari Aparna

(Reviewed By)

Signature
08-05-2025



Gaurav Goyal
Technical Head
(Authorized Signatory)

Signature
08-05-2025

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Division) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road Panipat Haryana 132140	Report No.	CITRO/QC/300425/284 (2)
	Issue date	08-05-2025
	Registration no. for Grasim Industries	25-04-123
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 30-04-2025		Analysis Start Date: 30-04-2025
		Analysis Completion Date: 08-05-2025

A. Particulars of the Sample:

Name of Sample	Ambient Air Quality	Testing as Per	NAAQS 2009
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 filter paper 8x10 inch, 1 filter paper PTFE, 4 nos. absorbing media 30 ml each	Packing Mode	Packed in Polythene Pouch & Vials

General Information:

1. Location of Sampling Point : Near FG Gate Area
2. Date of Monitoring : 25-04-2025
3. Purpose of Monitoring : For Monitoring.
4. Duration of Monitoring, minutes : 1440
5. Avg. Flow Rate of Sampling, m³/min. : 1.15
6. Volume of air sampled, m³ : 1535
7. Avg. Ambient Temperature, °C : 40

B. Test Results:

Sr. No.	Test Parameters	Test Method	Requirements (NAAQS 2009)	Test Result
1	Carbon Monoxide (CO), mg/m ³ (8 Hourly)	IS: 5182 (P-10)	2 Max.	1.1
2	Chlorine µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
3	Hydrogen Bromide (HBr) µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
4	Hydrogen Sulfide (H ₂ S) µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
5	Hydrogen Fluoride (HF) µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
6	Toluene µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
7	Xylene µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
8	Total Volatile Organic Compounds (TVOCs) µg/m ³	In House	Not Specified	0.003

C. Supplementary Information:

1	Reference to Sampling Procedure	CITRO/QSF/0716
2	Supporting Documents for the Measurements Taken and Fields Derived (Lab. Quality Control/Check/Photographs as Applicable in the Test Report of area)	NA
3	Additional to, Deviations, or Exclusions from the Reference Test Method/Work Instructions (if any)	NA

D. Remarks: NA. Not Applicable. Sampling done by lab. NAAQS: National Ambient Air Quality Standards, LOQ: Limit of Quantification, LLOQ: Limit of Quantification

Kumari Aparna

(Reviewed By)

Planned
08-05-2025



Gaurav Goyal

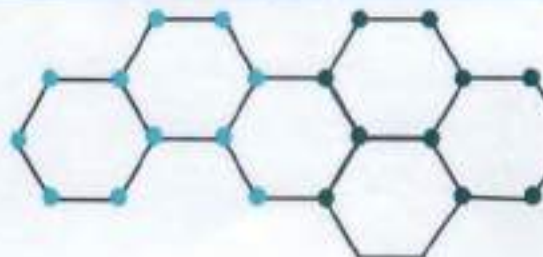
Technical Head

(Authorized Signatory)

Gaurav
08-05-2025

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Division) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.	Report No.	CITRO/QC/130625/147 (1)
	Issue date	19-06-2025
	NABL ULR No.	TC1533125000001343 F
	Registration no. for Grasim Industries	25-06-25
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 13-06-2025		Analysis Start Date: 13-06-2025
		Analysis Completion Date: 19-06-2025

A. Particulars of the Sample:

Name of Sample	Ambient Air Quality	Testing as Per	NAAQS 2009
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 filter paper 8x10 inch, 1 filter paper PTFE, 4 nos. absorbing media 30 ml each	Packing Mode	Packed in Polythene Pouch & Vials

General Information:

1. Location of Sampling Point : Near Main Gate Area (Outside)
2. Date of Monitoring : 11-06-2025
3. Purpose of Monitoring : For Monitoring
4. Duration of Monitoring, minutes : 1440
5. Avg. Flow Rate of Sampling, m³/min. : 1.17
6. Volume of air sampled, m³ : 1562
7. Avg. Ambient Temperature, °C : 40

B. Test Results:

Sr. No.	Test Parameters	Test Method	Requirements (NAAQS 2009)	Test Result
1	Particulate Matter (PM ₁₀), µg/m ³	IS: 5182 (P-23)	100 Max.	92
2	Particulate Matter (PM _{2.5}), µg/m ³	IS: 5182 (P-24)	60 Max.	55
3	Sulphur Dioxide (SO ₂), µg/m ³	IS: 5182 (P-2)/ Sec-I	80 Max.	28
4	Nitrogen Dioxide (NO ₂), µg/m ³	IS: 5182 (P-6)	80 Max.	31
5	Ozone (O ₃), µg/m ³	IS: 5182 (P-9)	180 Max.	18.5
6	Ammonia (NH ₃), µg/m ³	IS: 5182 (P-25)	400 Max.	16.6
7	Lead (Pb), µg/m ³	Method of Air Sampling & Analysis (Method No. 822)	1.0 Max.	BLQ (LOQ:0.1)
8	Benzene (C ₆ H ₆), µg/m ³	IS: 5182 (P-11)	5.0 Max.	BLQ (LOQ:1.0)
9	Benzo (a) Pyrene (BaP)- Particulate Phase only, ng/m ³	IS: 5182 (P-12)	1.0 Max.	BLQ (LOQ:0.05)
10	Arsenic (As), ng/m ³	CITRO/QC/STP/041	6.0 Max.	BLQ (LOQ:1.0)
11	Nickel (Ni), ng/m ³	Method of Air Sampling & Analysis (Method No. 822)	20.0 Max.	BLQ (LOQ:1.0)

C. Supplementary Information:

1	Reference to Sampling Procedure	CITRO/QC/SOP125
2	Supporting Documents for the Measurements Taken and Results Derived Like: Graphs/Tables/Sketches/Photographs as Appropriate to the Test Report (if any)	NA
3	Addition to, Deviations or Exclusions from the Adopted Test Method/Work Instructions (if any)	NA

B. Remarks: NA: Not Applicable. Sampling done by lab. NAAQS: National Ambient Air Quality Standard. BLQ: Below Limit of Quantification. LOQ: Limit of Quantification.

Kumari Aparna

(Reviewed By)

Signature
19-06-2025

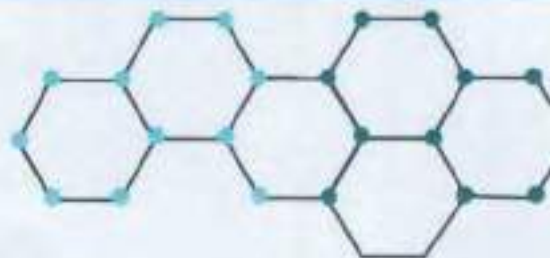


Gaurav Goyal
Technical Head
(Authorized Signatory)

Signature
19-06-2025

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Division) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.	Report No.	CITRO/QC/130625/148 (1)
	Issue date	19-06-2025
	NABL ULR No.	TC1533125000001345 F
	Registration no. for Grasim Industries	25-06-25
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 13-06-2025		Analysis Start Date: 13-06-2025
		Analysis Completion Date: 19-06-2025

A. Particulars of the Sample:

Name of Sample	Ambient Air Quality	Testing as Per	NAAQS 2009
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 filter paper 8x10 inch, 1 filter paper PTFE, 4 nos. absorbing media 30 ml each	Packing Mode	Packed in Polythene Pouch & Vials

General Information:

1. Location of Sampling Point : Near FG Gate Area
2. Date of Monitoring : 10-06-2025
3. Purpose of Monitoring : For Monitoring
4. Duration of Monitoring, minutes : 1440
5. Avg. Flow Rate of Sampling, m³/min. : 1.18
6. Volume of air sampled, m³ : 1575
7. Avg. Ambient Temperature, °C : 40

B. Test Results:

Sr. No.	Test Parameters	Test Method	Requirements (NAAQS 2009)	Test Result
1	Particulate Matter (PM ₁₀), µg/m ³	IS: 5182 (P-23)	100 Max.	86
2	Particulate Matter (PM _{2.5}), µg/m ³	IS: 5182 (P-24)	60 Max.	55
3	Sulphur Dioxide (SO ₂), µg/m ³	IS: 5182 (P-2)/ Sec-1	80 Max.	26
4	Nitrogen Dioxide (NO ₂), µg/m ³	IS: 5182 (P-6)	80 Max.	30
5	Ozone (O ₃), µg/m ³	IS: 5182 (P-9)	180 Max.	17.5
6	Ammonia (NH ₃), µg/m ³	IS: 5182 (P-25)	400 Max.	16.1
7	Lead (Pb), µg/m ³	Method of Air Sampling & Analysis (Method No. 822)	1.0 Max.	BLQ (LOQ:0.1)
8	Benzene (C ₆ H ₆), µg/m ³	IS: 5182 (P-11)	5.0 Max.	BLQ (LOQ:1.0)
9	Benzo (a) Pyrene (BaP)- Particulate Phase only, ng/m ³	IS: 5182 (P-12)	1.0 Max.	BLQ (LOQ:0.05)
10	Arsenic (As), µg/m ³	CITRO/QC/STP/041	6.0 Max.	BLQ (LOQ:1.0)
11	Nickel (Ni), µg/m ³	Method of Air Sampling & Analysis (Method No. 822)	20.0 Max.	BLQ (LOQ:1.0)

C. Supplementary Information:

1.	Reference to Sampling Procedure	CITRO/QC/SOP136
2.	Supporting Documents for the Measurements Taken and Results Derived Like: Graphs/Tables/Sketches/Photographs in Agreement to the Test Report (if any)	NA
3.	Additions, Devisations, or Exclusions from the Relevant Test Method/Work Instructions (if any)	NA

B. Remarks: NA; Not Applicable, Sampling done by lab, NAAQS National Ambient Air Quality Standard, BLQ: Below limit of Quantification, LOQ: Limit of Quantification

End of Test Report

Kumari Aparna

(Reviewed By)

Signature
19-06-2025



Gaurav Goyal
Technical Head
(Authorized Signatory)

Signature
19-06-2025

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road ,Panipat, Haryana- 132140.	Report No.	CITRO/QC/130625/149 (2)
	Issue date	19-06-2025
	Registration no. for Grasim Industries	25-06-25
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 13-06-2025		Analysis Start Date: 13-06-2025
		Analysis Completion Date: 19-06-2025

A. Particulars of the Sample:

Name of Sample	Ambient Air Quality	Testing as Per	NAAQS 2009
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 filter paper 8x10 inch , 1 filter paper PTFE , 4 nos. absorbing media 30 ml each	Packing Mode	Packed in Polythene Pouch & Vials

General Information:

1. Location of Sampling Point : Near RMTDR Canteen Area
2. Date of Monitoring : 11-06-2025
3. Purpose of Monitoring : For Monitoring
4. Duration of Monitoring, minutes : 1440
5. Avg. Flow Rate of Sampling, m³/min. : 1.15
6. Volume of air sampled, m³ : 1545
7. Avg. Ambient Temperature, °C : 38

B. Test Results:

Sr. No.	Test Parameters	Test Method	Requirements (NAAQS 2009)	Test Result
1	Carbon Monoxide (CO), mg/m ³ (8 Hourly)	IS: 5182 (P-10)	2 Max.	1.0
2	Chlorine µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
3	Hydrogen Bromide (HBr) µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
4	Hydrogen Sulfide (H ₂ S) µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
5	Hydrogen Fluoride (HF) µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
6	Toluene µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
7	Xylene µg/m ³	In House	Not Specified	BLQ(LOQ:0.1)
8	Total Volatile Organic Compounds (TVOCs) µg/m ³	In House	Not Specified	0.003

C. Supplementary Information:

1. Reference or Sampling Procedure	CITRO/CQ/0010
2. Supporting Documents for the Material/Specimen, Test and Results (Material Certs, CoCs, TDS, MSDS, etc.)	NA
3. Additional Documents or Evidence from the Relevant Test Method/Work Instructions (if any)	NA

D. Remarks: NA, Not Applicable, Sampling done by lab, NAAQS: National Ambient Air Quality Standard, BLQ: Below Limit of Quantification, LOQ: Limit of Quantification

End of Test Report

Kumari Aparna

(Reviewed By)

Gaurav Goyal
Technical Head
(Authorized Signatory)

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Paints Division) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road Panipat Haryana 132140	Report No.	CITRO/QC/130925/182(1)
	Issue date	26-09-2025
	NABL ULR No.	TC1533125000002587F
	Registration no. for Grasim Industries	25-09-33
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 13-09-2025 Analysis Start Date: 13-09-2025 Analysis Completion Date: 26-09-2025		

A. Particulars of the Sample:

Name of Sample	Work Zone Air	Testing as Per	Factory Act 1948
Discipline	Chemical	Group	Atmospheric Pollution

General Information:

1. Location of Sampling Point : Near Main QA
2. Date of Monitoring : 12-09-2025
3. Purpose of Monitoring : For Self Monitoring.
4. Duration of Monitoring, minutes : 480
5. Avg. Flow Rate of Sampling, LPM : 1
6. Volume of air sampled, ltr : 455.1
7. Avg. Ambient Temperature, °C : 33

B. Test Results:

Sr. No.	Test Parameters	Test Method	Requirements	Test Result
1	Suspended Particulate Matter (SPM), mg/m ³	CITRO/QC/SOP/043	10 Max.	0.073

C. Supplementary Information:

1.	Reference to Sampling Procedure	CITRO/QC/SOP/026
2.	Supporting Documents for the Measurements Taken and Results Derived Like: Graphs/Tables/Sketches/Photographs as Appropriate to the Test Report (if any)	NA
3.	Addition to, Deviations, or Exclusions from the Relevant Test Method/Work Instructions (if any)	NA

D. Remarks: NA: -Not Applicable, Requirements as per schedule 2nd of factory act 1948.

End of Test Report

Kumari Aparna

(Reviewed By)



Gaurav Goyal
Technical Head
(Authorized Signatory)

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TEST REPORT

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Paints Division) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road Panipat Haryana 132140	Report No.	CITRO/QC/130925/184(1)
	Issue date	26-09-2025
	NABL ULR No.	TC1533125000002589 F
	Registration no. for Grasim Industries	25-09-33
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 13-09-2025 Analysis Start Date: 13-09-2025 Analysis Completion Date: 26-09-2025		

A. Particulars of the Sample:

Name of Sample	Work Zone Air	Testing as Per	Factory Act 1948
Discipline	Chemical	Group	Atmospheric Pollution

General Information:

1. Location of Sampling Point : Near RMTDR Canteen
2. Date of Monitoring : 12-09-2025
3. Purpose of Monitoring : For Self Monitoring.
4. Duration of Monitoring, minutes : 480
5. Avg. Flow Rate of Sampling, LPM : 1
6. Volume of air sampled, ltr : 455.1
7. Avg. Ambient Temperature, °C : 33

B. Test Results:

Sr. No.	Test Parameters	Test Method	Requirements	Test Result
1	Suspended Particulate Matter (SPM), mg/m ³	CITRO/QC/SOP/043	10 Max.	0.068

C. Supplementary Information:

1.	Reference to Sampling Procedure	CITRO/QC/SOP/026
2.	Supporting Documents for the Measurements Taken and Results Derived Like: Graphs/Tables/Sketches/Photographs as Appropriate to the Test Report (if any)	NA
3.	Addition to, Deviations, or Exclusions from the Relevant Test Method/Work Instructions (if any)	NA

D. Remarks: NA: -Not Applicable, Requirements as per schedule 2nd of factory act 1948 .

End of Test Report

Kumari Aparna

(Reviewed By)



Gaurav Goyal
Technical Head
(Authorized Signatory)

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TC - 15331

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Paints Division) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road Panipat Haryana 132140	Report No.	CITRO/QC/130925/190(1)
	Issue date	26-09-2025
	NABL ULR No.	TC1533125000002595 F
	Registration no. for Grasim Industries	25-09-33
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 13-09-2025 Analysis Start Date: 13-09-2025 Analysis Completion Date: 26-09-2025		

A. Particulars of the Sample:

Name of Sample	Work Zone Air	Testing as Per	Factory Act 1948
Discipline	Chemical	Group	Atmospheric Pollution

General Information:

1. Location of Sampling Point : Near Utility -2
2. Date of Monitoring : 12-09-2025
3. Purpose of Monitoring : For Self Monitoring.
4. Duration of Monitoring, minutes : 480
5. Avg. Flow Rate of Sampling, LPM : 1
6. Volume of air sampled, ltr : 455.1
7. Avg. Ambient Temperature, °C : 33

B. Test Results:

Sr. No.	Test Parameters	Test Method	Requirements	Test Result
1	Suspended Particulate Matter (SPM), mg/m ³	CITRO/QC/SOP/043	10 Max.	0.075

C. Supplementary Information:

1.	Reference to Sampling Procedure	CITRO/QC/SOP/026
2.	Supporting Documents for the Measurements Taken and Results Derived Like: Graphs/Tables/Sketches/Photographs as Appropriate to the Test Report (if any)	NA
3.	Addition to, Deviations, or Exclusions from the Relevant Test Method/Work Instructions (if any)	NA

D. Remarks: NA: -Not Applicable, Requirements as per schedule 2nd of factory act 1948.

End of Test Report

Kumari Aparna

(Reviewed By)



Gaurav Goyal
Technical Head
(Authorized Signatory)

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Paints Division) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road Panipat Haryana 132140	Report No.	CITRO/QC/130925/190(2)
	Issue date	26-09-2025
	Registration no. for Grasim Industries	25-09-33
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 13-09-2025 Analysis Start Date: 13-09-2025 Analysis Completion Date: 26-09-2025		

A. Particulars of the Sample:

Name of Sample	Work Zone Air	Testing as Per	Factory Act 1948
Discipline	Chemical	Group	Atmospheric Pollution

General Information:

1. Location of Sampling Point : Near Utility -2
2. Date of Monitoring : 12-09-2025
3. Purpose of Monitoring : For Self Monitoring.
4. Duration of Monitoring, minutes : 480
5. Avg. Flow Rate of Sampling, LPM : 1
6. Volume of air sampled, ltr : 455.1
7. Avg. Ambient Temperature, °C : 33

B. Test Results:

Sr. No.	Test Parameters	Test Method	Requirements	Test Result
1	Total Volatile Organic Compounds (TVOCs), mg/m ³	In House	Not Specified	0.002

C. Supplementary Information:

1.	Reference to Sampling Procedure	CITRO/QC/SOP/026
2.	Supporting Documents for the Measurements Taken and Results Derived Like: Graphs/Tables/Sketches/Photographs as Appropriate to the Test Report (if any)	NA
3.	Addition to, Deviations, or Exclusions from the Relevant Test Method/Work Instructions (if any)	NA

D. Remarks: NA: -Not Applicable, Requirements as per schedule 2nd of factory act 1948.

End of Test Report

Kumari Aparna

(Reviewed By)



Gaurav Goyal
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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Paints Division) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road Panipat Haryana 132140	Report No.	CITRO/QC/230825/251 (2)
	Issue date	29-08-2025
	Registration no. for Grasim Industries	25-08-115
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 23-08-2025 Analysis Start Date: 23-08-2025 Analysis Completion Date: 29-08-2025		

A. Particulars of the Sample:

Name of Sample	Work Zone Air	Testing as Per	Factory Act 1948
Discipline	Chemical	Group	Atmospheric Pollution

General Information:

1. Location of Sampling Point : Near PMG Area
2. Date of Monitoring : 21-08-2025
3. Purpose of Monitoring : For Monitoring.
4. Duration of Monitoring, minutes : 480
5. Avg. Flow Rate of Sampling, LPM : 1
6. Volume of air sampled, ltr : 456.6
7. Avg. Ambient Temperature, °C : 32

B. Test Results:

Sr. No.	Test Parameters	Test Method	Requirements	Test Result
1	Total Volatile Organic Compounds (TVOCs) , mg/m ³	In House	Not Specified	0.002

C. Supplementary Information:

1.	Reference to Sampling Procedure	CITRO/QC/SOP/026
2.	Supporting Documents for the Measurements Taken and Results Derived Like: Graphs/Tables/Sketches/Photographs as Appropriate to the Test Report (if any)	NA
3.	Addition to, Deviations, or Exclusions from the Relevant Test Method/Work Instructions (if any)	NA

D. Remarks: NA: -Not Applicable, Requirements as per schedule 2nd of factory act 1948 .

End of Test Report

Kumari Aparna

(Reviewed By)

Signature
29-08-2025



Gaurav Goyal
Technical Head
(Authorized Signatory)

Signature
29-08-2025

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ISSUED TO: M/s Grasim Industries Limited (Birla Opus Paints Division) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road Panipat Haryana 132140	Report No.	CITRO/QC/230825/253 (1)
	Issue date	29-08-2025
	NABL ULR No.	TC1533125000002309 F
	Registration no. for Grasim Industries	25-08-115
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 23-08-2025 Analysis Start Date: 23-08-2025 Analysis Completion Date: 29-08-2025		

A. Particulars of the Sample:

Name of Sample	Work Zone Air	Testing as Per	Factory Act 1948
Discipline	Chemical	Group	Atmospheric Pollution

General Information:

1. Location of Sampling Point : Near RMG Area
2. Date of Monitoring : 21-08-2025
3. Purpose of Monitoring : For Monitoring.
4. Duration of Monitoring, minutes : 480
5. Avg. Flow Rate of Sampling, LPM : 1
6. Volume of air sampled, ltr : 456.6
7. Avg. Ambient Temperature, °C : 32

B. Test Results:

Sr. No.	Test Parameters	Test Method	Requirements	Test Result
1	Suspended Particulate Matter (SPM), mg/m ³	CITRO/QC/SOP/043	10 Max.	0.082

C. Supplementary Information:

1.	Reference to Sampling Procedure	CITRO/QC/SOP/026
2.	Supporting Documents for the Measurements Taken and Results Derived Like: Graphs/Tables/Sketches/Photographs as Appropriate to the Test Report (if any)	NA
3.	Addition to, Deviations, or Exclusions from the Relevant Test Method/Work Instructions (if any)	NA

D. Remarks: NA; -Not Applicable, Requirements as per schedule 2nd of factory act 1948 .

End of Test Report

Kumari Aparna

(Reviewed By)

Signature
29-08-2025



Gaurav Goyal
Technical Head
(Authorized Signatory)

Signature
29-08-2025

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Paints Division) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road Panipat Haryana 132140	Report No.	CITRO/QC/230825/253 (2)
	Issue date	29-08-2025
	Registration no. for Grasim Industries	25-08-115
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 23-08-2025 Analysis Start Date: 23-08-2025 Analysis Completion Date: 29-08-2025		

A. Particulars of the Sample:

Name of Sample	Work Zone Air	Testing as Per	Factory Act 1948
Discipline	Chemical	Group	Atmospheric Pollution

General Information:

1. Location of Sampling Point : Near RMG Area
2. Date of Monitoring : 21-08-2025
3. Purpose of Monitoring : For Monitoring.
4. Duration of Monitoring, minutes : 480
5. Avg. Flow Rate of Sampling, LPM : 1
6. Volume of air sampled, ltr : 456.6
7. Avg. Ambient Temperature, °C : 32

B. Test Results:

Sr. No.	Test Parameters	Test Method	Requirements	Test Result
1	Total Volatile Organic Compounds (TVOCs), mg/m ³	In House	Not Specified	0.002

C. Supplementary Information:

1.	Reference to Sampling Procedure	CITRO/QC/SOP/026
2.	Supporting Documents for the Measurements Taken and Results Derived Like: Graphs/Tables/Sketches/Photographs as Appropriate to the Test Report (if any)	NA
3.	Addition to, Deviations, or Exclusions from the Relevant Test Method/Work Instructions (if any)	NA

D. Remarks: NA: -Not Applicable, Requirements as per schedule 2nd of factory act 1948.

End of Test Report

Kumari Aparna

(Reviewed By)

Signature
29-08-2025



Gaurav Goyal

Technical Head

(Authorized Signatory)

Signature
29-08-2025

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Format No. : CITRO/QSF/0716

ISSUED TO:	Report No.	CITRO/QC/230825/254 (2)
M/s Grasim Industries Limited	Issue date	29-08-2025
(Birla Opus Paints Division)	Registration no. for	25-08-115
Plot No 48 to 62, Industrial Estate, HSIDC	Grasim Industries	
Refinery Road Panipat Haryana 132140	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 23-08-2025	Analysis Start Date: 23-08-2025	Analysis Completion Date: 29-08-2025

A. Particulars of the Sample:

Name of Sample	Work Zone Air	Testing as Per	Factory Act 1948
Discipline	Chemical	Group	Atmospheric Pollution

General Information:

1. Location of Sampling Point : Near Silo Area
2. Date of Monitoring : 21-08-2025
3. Purpose of Monitoring : For Monitoring.
4. Duration of Monitoring, minutes : 480
5. Avg. Flow Rate of Sampling, LPM : 1
6. Volume of air sampled, ltr : 456.6
7. Avg. Ambient Temperature, °C : 32

B. Test Results:

Sr. No.	Test Parameters	Test Method	Requirements	Test Result
1	Total Volatile Organic Compounds (TVOCs), mg/m ³	In House	Not Specified	0.002

C. Supplementary Information:

1.	Reference to Sampling Procedure	CITRO/QC/SOP/026
2.	Supporting Documents for the Measurements Taken and Results Derived Like: Graphs/Tables/Sketches/Photographs as Appropriate to the Test Report (if any)	NA
3.	Addition to, Deviations, or Exclusions from the Relevant Test Method/Work Instructions (if any)	NA

D. Remarks: NA: -Not Applicable, Requirements as per schedule 2nd of factory act 1948.

End of Test Report

Kunsari Aparna

(Reviewed By)

Signature
29-08-2025



Gaurav Goyal
Technical Head
(Authorized Signatory)

Signature
29-08-2025

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road Panipat Haryana 132140	Report No.	CITRO/QC/150725/332 (1)
	Issue date	26-07-2025
	NABL ULR No.	TC153312500002002 F
	Registration no. for Grasim Industries	25-07-55
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 15-07-2025 Analysis Start Date: 15-07-2025 Analysis Completion Date: 26-07-2025		

A. Particulars of the Sample:

Name of Sample	Work Zone Air	Testing as Per	Factory Act 1948
Discipline	Chemical	Group	Atmospheric Pollution

General Information:

1. Location of Sampling Point : Near Packing Area
2. Date of Monitoring : 12-07-2025
3. Purpose of Monitoring : For Monitoring.
4. Duration of Monitoring, minutes : 480
5. Avg. Flow Rate of Sampling, LPM : 1
6. Volume of air sampled, ltr : 449
7. Avg. Ambient Temperature, °C : 37

B. Test Results:

Sr. No.	Test Parameters	Test Method	Requirements	Test Result
1	Suspended Particulate Matter (SPM), mg/m ³	CITRO/QC/SOP/043	10 Max.	0.071

C. Supplementary Information:

1.	Reference to Sampling Procedure	CITRO/QC/SOP/026
2.	Supporting Documents for the Measurements Taken and Results Derived Like: Graphs/Tables/Sketches/Photographs as Appropriate to the Test Report (if any)	NA
3.	Addition to, Deviations, or Exclusions from the Relevant Test Method/Work Instructions (if any)	NA

D. Remarks: NA: -Not Applicable, Requirements as per schedule 2nd of factory act 1948.

End of Test Report

Kumari Aparna

(Reviewed By)

Signature
26-07-2025

Gaurav Goyal
Technical Head
(Authorized Signatory)

Signature
26-07-2025



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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road Panipat Haryana 132140	Report No.	CITRO/QC/150725/332 (2)
	Issue date	26-07-2025
	Registration no. for Grasim Industries	25-07-55
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 15-07-2025 Analysis Start Date: 15-07-2025 Analysis Completion Date: 26-07-2025		

A. Particulars of the Sample:

Name of Sample	Work Zone Air	Testing as Per	Factory Act 1948
Discipline	Chemical	Group	Atmospheric Pollution

General Information:

1. Location of Sampling Point : Near Packing Area
2. Date of Monitoring : 12-07-2025
3. Purpose of Monitoring : For Monitoring.
4. Duration of Monitoring, minutes : 480
5. Avg. Flow Rate of Sampling, LPM : 1
6. Volume of air sampled, ltr : 449
7. Avg. Ambient Temperature, °C : 37

B. Test Results:

Sr. No.	Test Parameters	Test Method	Requirements	Test Result
1	Total Volatile Organic Compounds (TVOCs) , mg/m ³	In House	Not Specified	0.001

C. Supplementary Information:

1.	Reference to Sampling Procedure	CITRO/QC/SOP/026
2.	Supporting Documents for the Measurements Taken and Results Derived Like: Graphs/Tables/Sketches/Photographs as Appropriate to the Test Report (if any)	NA
3.	Addition to, Deviations, or Exclusions from the Relevant Test Method/Work Instructions (if any)	NA

D. Remarks: NA: -Not Applicable, Requirements as per schedule 2nd of factory act 1948 .

End of Test Report

Kumari Aparna

(Reviewed By)

[Signature]
26-07-2025

Gaurav Goyal
Technical Head
(Authorized Signatory)

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26-07-2025



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ISSUED TO: M/s Grasin Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road Panipat Haryana 132140	Report No.	CITRO/QC/150725/334 (1)
	Issue date	26-07-2025
	NABL ULR No.	TC1533125000002004 F
	Registration no. for Grasin Industries	25-07-55
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 15-07-2025 Analysis Start Date: 15-07-2025 Analysis Completion Date: 26-07-2025		

A. Particulars of the Sample:

Name of Sample	Work Zone Air	Testing as Per	Factory Act 1948
Discipline	Chemical	Group	Atmospheric Pollution

General Information:

1. Location of Sampling Point : Near Main QA Area
2. Date of Monitoring : 12-07-2025
3. Purpose of Monitoring : For Monitoring.
4. Duration of Monitoring, minutes : 480
5. Avg. Flow Rate of Sampling, LPM : 1
6. Volume of air sampled, ltr : 449
7. Avg. Ambient Temperature, °C : 37

B. Test Results:

Sr. No.	Test Parameters	Test Method	Requirements	Test Result
1	Suspended Particulate Matter (SPM), mg/m ³	CITRO/QC/SOP/043	10 Max.	0.070

C. Supplementary Information:

1	Reference to Sampling Procedure	CITRO/QC/SOP/026
2	Supporting Documents for the Measurements Taken and Results Derived Like: Graphs/Tables/Sketches/Photographs as Appropriate to the Test Report (if any)	NA
3	Addition to, Deviations, or Exclusions from the Relevant Test Method/Work Instructions (if any)	NA

D. Remarks: NA: -Not Applicable, Requirements as per schedule 2nd of factory act 1948.

End of Test Report

Kumari Apama

(Reviewed By)

Signature
26-07-2025



Gaurav Goyal
Technical Head
(Authorized Signatory)

Signature
26-07-2025

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road Panipat Haryana 132140	Report No.	CITRO/QC/150725/335 (1)
	Issue date	26-07-2025
	NABL ULR No.	TC1533125000002005 F
	Registration no. for Grasim Industries	25-07-55
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 15-07-2025 Analysis Start Date: 15-07-2025 Analysis Completion Date: 26-07-2025		

A. Particulars of the Sample:

Name of Sample	Work Zone Air	Testing as Per	Factory Act 1948
Discipline	Chemical	Group	Atmospheric Pollution

General Information:

1. Location of Sampling Point : Near RMG Area
2. Date of Monitoring : 12-07-2025
3. Purpose of Monitoring : For Monitoring.
4. Duration of Monitoring, minutes : 480
5. Avg. Flow Rate of Sampling, LPM : 1
6. Volume of air sampled, ltr : 449
7. Avg. Ambient Temperature, °C : 37

B. Test Results:

Sr. No.	Test Parameters	Test Method	Requirements	Test Result
1	Suspended Particulate Matter (SPM), mg/m ³	CITRO/QC/SOP/043	10 Max.	0.080

C. Supplementary Information:

1.	Reference to Sampling Procedure	CITRO/QC/SOP/026
2.	Supporting Documents for the Measurements Taken and Results Derived Like: Graphs/Tables/Sketches/Photographs as Appropriate to the Test Report (if any)	NA
3.	Addition to, Deviations, or Exclusions from the Relevant Test Method/Work Instructions (if any)	NA

D. Remarks: NA: -Not Applicable, Requirements as per schedule 2nd of factory act 1948.

End of Test Report

Kumari Aparna

(Reviewed By)

Signature
26-07-2025



Gaurav Goyal
Technical Head
(Authorized Signatory)

Signature
26-07-2025

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road Panipat Haryana 132140	Report No.	CITRO/QC/150725/336 (1)
	Issue date	26-07-2025
	NABL ULR No.	TC153312500002006 F
	Registration no. for Grasim Industries	25-07-55
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 15-07-2025 Analysis Start Date: 15-07-2025 Analysis Completion Date: 26-07-2025		

A. Particulars of the Sample:

Name of Sample	Work Zone Air	Testing as Per	Factory Act 1948
Discipline	Chemical	Group	Atmospheric Pollution

General Information:

1. Location of Sampling Point : Near Admin Area
2. Date of Monitoring : 12-07-2025
3. Purpose of Monitoring : For Monitoring.
4. Duration of Monitoring, minutes : 480
5. Avg. Flow Rate of Sampling, LPM : 1
6. Volume of air sampled, ltr : 449
7. Avg. Ambient Temperature, °C : 37

B. Test Results:

Sr. No.	Test Parameters	Test Method	Requirements	Test Result
1	Suspended Particulate Matter (SPM), mg/m ³	CITRO/QC/SOP/043	10 Max.	0.070

C. Supplementary Information:

1.	Reference to Sampling Procedure	CITRO/QC/SOP/026
2.	Supporting Documents for the Measurements Taken and Results Derived Like: Graphs/Tables/Sketches/Photographs as Appropriate to the Test Report (if any)	NA
3.	Addition to, Deviations, or Exclusions from the Relevant Test Method/Work Instructions (if any)	NA

D. Remarks: NA: -Not Applicable, Requirements as per schedule 2nd of factory act 1948.

End of Test Report

Kumari Aparna

(Reviewed By)

Signature
26-07-2025

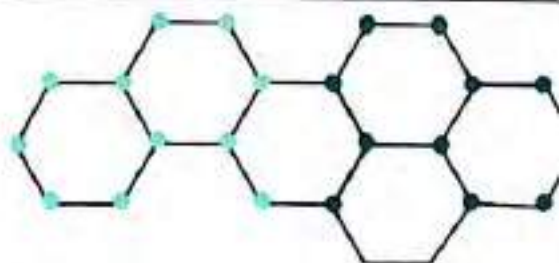


Gaurav Goyal
Technical Head
(Authorized Signatory)

Signature
26-07-2025

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Page 01 of 01

Format No. : CITRO/QSF/0716

ISSUED TO:	Report No.	CITRO/QC/300425/287 (2)
M/s Grasim Industries Limited	Issue date	08-05-2025
(Birla Opus Panits Divison)	Registration no. for	25-04-123
Plot No 48 to 62, Industrial Estate, HSIDC	Grasim Industries	
Refinery Road Panipat Haryana 132140	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 30-04-2025	Analysis Start Date: 30-04-2025	Analysis Completion Date: 08-05-2025

A. Particulars of the Sample:

Name of Sample	Work Zone Air	Testing as Per	Factory Act 1948
Discipline	Chemical	Group	Atmospheric Pollution

General Information:

1. Location of Sampling Point : Utility - 1
2. Date of Monitoring : 28-04-2025
3. Purpose of Monitoring : For Monitoring.
4. Duration of Monitoring, minutes : 480
5. Avg. Flow Rate of Sampling, LPM : 1
6. Volume of air sampled, ltr : 448
7. Avg. Ambient Temperature, °C : 38

B. Test Results:

Sr. No.	Test Parameters	Test Method	Requirements	Test Result
1	Total Volatile Organic Compounds (TVOCs) , mg/m ³	In House	Not Specified	0.002

C. Supplementary Information:

1.	Reference to Sampling Procedure	CITRO/QC/SOP/026
2.	Supporting Documents for the Measurements Taken and Results Derived Like: Graphs/Tables/Sketches/Photographs as Appropriate to the Test Report (if any)	NA
3.	Addition to, Deviations, or Exclusions from the Relevant Test Method/Work Instructions (if any)	NA

D. Remarks: NA: -Not Applicable, Requirements as per schedule 2nd of factory act 1948.

Kumari Aparna

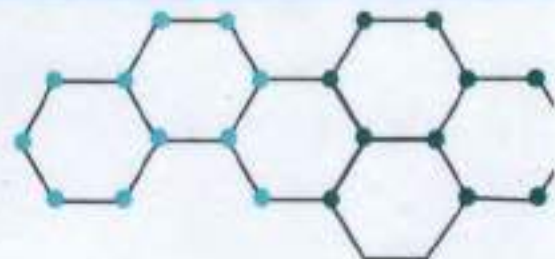
(Reviewed By)



Gaurav Goyal
Technical Head
(Authorized Signatory)

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road Panipat Haryana 132140	Report No.	CITRO/QC/300425/289 (1)
	Issue date	08-05-2025
	NABL ULR No.	TC1533125000000883 F
	Registration no. for Grasim Industries	25-04-123
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 30-04-2025 Analysis Start Date: 30-04-2025 Analysis Completion Date: 08-05-2025		

A. Particulars of the Sample:

Name of Sample	Work Zone Air	Testing as Per	Factory Act 1948
Discipline	Chemical	Group	Atmospheric Pollution

General Information:

1. Location of Sampling Point : RMG Area
2. Date of Monitoring : 28-04-2025
3. Purpose of Monitoring : For Monitoring.
4. Duration of Monitoring, minutes : 480
5. Avg. Flow Rate of Sampling, LPM : 1
6. Volume of air sampled, Itr : 448
7. Avg. Ambient Temperature, °C : 38

B. Test Results:

Sr. No.	Test Parameters	Test Method	Requirements	Test Result
1	Suspended Particulate Matter (SPM), mg/m ³	CITRO/QC/SOP/043	10 Max.	0.068

C. Supplementary Information:

1.	Reference to Sampling Procedure	CITRO/QC/SOP/026
2.	Supporting Documents for the Measurements Taken and Results Derived Like: Graphs/Tables/Sketches/Photographs as Appropriate to the Test Report (if any)	NA
3.	Addition to, Deviations, or Exclusions from the Relevant Test Method/Work Instructions (if any)	NA

D. Remarks: NA: -Not Applicable, Requirements as per schedule 2nd of factory act 1948.

Kumari Aparna

(Reviewed By)

Aparna
08-05-2025

End of Report



Gaurav Goyal
Technical Head
(Authorized Signatory)

Gaurav
08-05-2025

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road Panipat Haryana 132140	Report No.	CITRO/QC/300425/291 (1)
	Issue date	08-05-2025
	NABL ULR No.	TC1533125000000885 F
	Registration no. for Grasim Industries	25-04-123
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 30-04-2025 Analysis Start Date: 30-04-2025 Analysis Completion Date: 08-05-2025		

A. Particulars of the Sample:

Name of Sample	Work Zone Air	Testing as Per	Factory Act 1948
Discipline	Chemical	Group	Atmospheric Pollution

General Information:

1. Location of Sampling Point : RB Area
2. Date of Monitoring : 28-04-2025
3. Purpose of Monitoring : For Monitoring.
4. Duration of Monitoring, minutes : 480
5. Avg. Flow Rate of Sampling, LPM : 1
6. Volume of air sampled, ltr : 448
7. Avg. Ambient Temperature, °C : 38

B. Test Results:

Sr. No.	Test Parameters	Test Method	Requirements	Test Result
1	Suspended Particulate Matter (SPM), mg/m ³	CITRO/QC/SOP/043	10 Max.	0.102

C. Supplementary Information:

1.	Reference to Sampling Procedure	CITRO/QC/SOP/026
2.	Supporting Documents for the Measurements Taken and Results Derived Like: Graphs/Tables/Sketches/Photographs as Appropriate to the Test Report (if any)	NA
3.	Addition to, Deviations, or Exclusions from the Relevant Test Method/Work Instructions (if any)	NA

D. Remarks: NA: -Not Applicable, Requirement as per schedule 2nd of factory act 1948.

End of Test Report

Kumari Aparna

(Reviewed By)

Handwritten signature of Kumari Aparna
08-05-2025

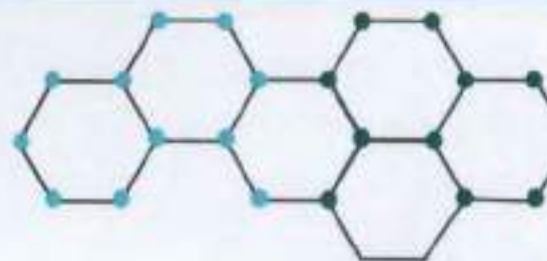


Gaurav Goyal
Technical Head
(Authorized Signatory)

Handwritten signature of Gaurav Goyal
08-05-2025

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road Panipat Haryana 132140	Report No.	CITRO/QC/300425/292 (2)
	Issue date	08-05-2025
	Registration no. for Grasim Industries	25-04-123
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 30-04-2025 Analysis Start Date: 30-04-2025 Analysis Completion Date: 08-05-2025		

A. Particulars of the Sample:

Name of Sample	Work Zone Air	Testing as Per	Factory Act 1948
Discipline	Chemical	Group	Atmospheric Pollution

General Information:

1. Location of Sampling Point : Utility -2
2. Date of Monitoring : 26-04-2025
3. Purpose of Monitoring : For Monitoring.
4. Duration of Monitoring, minutes : 480
5. Avg. Flow Rate of Sampling, LPM : 1
6. Volume of air sampled, ltr : 446
7. Avg. Ambient Temperature, °C : 39

B. Test Results:

Sr. No.	Test Parameters	Test Method	Requirements	Test Result
1	Total Volatile Organic Compounds (TVOCs), mg/m ³	In House	Not Specified	0.007

C. Supplementary Information:

1.	Reference to Sampling Procedure	CITRO/QC/SOP/026
2.	Supporting Documents for the Measurements Taken and Results Derived Like: Graphs/Tables/Sketches/Photographs as Appropriate to the Test Report (if any)	NA
3.	Addition to, Deviations, or Exclusions from the Relevant Test Method/Work Instructions (if any)	NA

D. Remarks: NA: -Not Applicable, Requirements as per schedule 2nd of factory act 1948.

Kumari Apama

(Reviewed By)

For Test Report



Gaurav Goyal
Technical Head

(Authorized Signatory)

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road Panipat Haryana 132140	Report No.	CITRO/QC/300425/294 (1)
	Issue date	08-05-2025
	NABL ULR No.	TC1533125000000888 F
	Registration no. for Grasim Industries	25-04-123
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 30-04-2025 Analysis Start Date: 30-04-2025 Analysis Completion Date: 08-05-2025		

A. Particulars of the Sample:

Name of Sample	Work Zone Air	Testing as Per	Factory Act 1948
Discipline	Chemical	Group	Atmospheric Pollution

General Information:

1. Location of Sampling Point : Packing Area
2. Date of Monitoring : 26-04-2025
3. Purpose of Monitoring : For Monitoring.
4. Duration of Monitoring, minutes : 480
5. Avg. Flow Rate of Sampling, LPM : 1
6. Volume of air sampled, ltr : 446
7. Avg. Ambient Temperature, °C : 39

B. Test Results:

Sr. No.	Test Parameters	Test Method	Requirements	Test Result
1	Suspended Particulate Matter (SPM), mg/m ³	CITRO/QC/SOP/043	10 Max.	0.093

C. Supplementary Information:

1.	Reference to Sampling Procedure	CITRO/QC/SOP/026
2.	Supporting Documents for the Measurements Taken and Results Derived Like: Graphs/Tables/Sketches/Photographs as Appropriate to the Test Report (if any)	NA
3.	Addition to, Deviations, or Exclusions from the Relevant Test Method/Work Instructions (if any)	NA

D. Remarks: NA; -Not Applicable, Requirements as per schedule 2nd of factory act 1948, BLQ: Below limit of Quantification, LOQ: Limit of Quantification.

Kumari Aparna

(Reviewed By)

Signature
08-05-2025



Gaurav Goyal
Technical Head
(Authorized Signatory)

Signature
08-05-2025

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Format No. : CITRO/QSF/0716

ISSUED TO:	Report No.	CITRO/QC/300425/295 (2)
M/s Grasim Industries Limited	Issue date	08-05-2025
(Birla Opus Panits Divison)	Registration no. for	25-04-123
Plot No 48 to 62, Industrial Estate, HSIDC	Grasim Industries	
Refinery Road Panipat Haryana 132140	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 30-04-2025	Analysis Start Date: 30-04-2025	Analysis Completion Date: 08-05-2025

A. Particulars of the Sample:

Name of Sample	Work Zone Air	Testing as Per	Factory Act 1948
Discipline	Chemical	Group	Atmospheric Pollution

General Information:

1. Location of Sampling Point : WPB Ground Floor Area
2. Date of Monitoring : 26-04-2025
3. Purpose of Monitoring : For Monitoring.
4. Duration of Monitoring, minutes : 480
5. Avg. Flow Rate of Sampling, LPM : 1
6. Volume of air sampled, ltr : 446
7. Avg. Ambient Temperature, °C : 39

B. Test Results:

Sr. No.	Test Parameters	Test Method	Requirements	Test Result
1	Total Volatile Organic Compounds (TVOCs) , mg/m ³	In House	Not Specified	0.008

C. Supplementary Information:

1.	Reference to Sampling Procedure	CITRO/QC/SOP/026
2.	Supporting Documents for the Measurements Taken and Results Derived Like: Graphs/Tables/Sketches/Photographs as Appropriate to the Test Report (if any)	NA
3.	Addition to, Deviations, or Exclusions from the Relevant Test Method/Work Instructions (if any)	NA

D. Remarks: NA: -Not Applicable, Requirement as per schedule 2nd of factory act 1948 .

Kumari Aparna

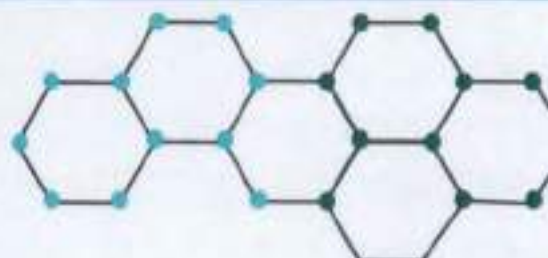
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2. Samples not drawn by lab unless otherwise stated.
3. Test reports in full or parts shall not be used for promotional or publicity purpose.
4. Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
5. Total liability or any claim in case of dispute is limited to the invoice raise by the laboratory.
6. The sample will be destroyed after retention time unless otherwise specified specially.
7. Endorsement of the product tested by the laboratory is neither inferred nor implied.
8. Report shall not be reproduced except in full without approval of the laboratory.
9. All disputes are subject to exclusive jurisdiction of Derabassi court only.





Citro Labs Private Limited

(Formerly Known as Centre for Industrial Testing & Research Organization)

AGovt. Approved Testing Laboratory

Opp. Ind-Swift, Industrial Area, Village-Jawaharpur,

Derabassi, Distt. SAS Nagar, Punjab-140507

(M) +91-8528969439, +91-9560228522

E-mail : info@citrolab.com

Website : www.citrolab.com

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TEST REPORT

Page 01 of 01

Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road Panipat Haryana 132140	Report No.	CITRO/QC/300425/296 (2)
	Issue date	08-05-2025
	Registration no. for Grasim Industries	25-04-123
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 30-04-2025 Analysis Start Date: 30-04-2025 Analysis Completion Date: 08-05-2025		

A. Particulars of the Sample:

Name of Sample	Work Zone Air	Testing as Per	Factory Act 1948
Discipline	Chemical	Group	Atmospheric Pollution

General Information:

1. Location of Sampling Point : SPB Ground Floor
2. Date of Monitoring : 26-04-2025
3. Purpose of Monitoring : For Monitoring.
4. Duration of Monitoring, minutes : 480
5. Avg. Flow Rate of Sampling, LPM : 1
6. Volume of air sampled, ltr : 446
7. Avg. Ambient Temperature, °C : 39

B. Test Results:

Sr. No.	Test Parameters	Test Method	Requirements	Test Result
1	Total Volatile Organic Compounds (TVOCs) , mg/m ³	In House	Not Specified	0.007

C. Supplementary Information:

1.	Reference to Sampling Procedure	CITRO/QC/SOP/026
2.	Supporting Documents for the Measurements Taken and Results Derived Like: Graphs/Tables/Sketches/Photographs as Appropriate to the Test Report (if any)	NA
3.	Addition to, Deviations, or Exclusions from the Relevant Test Method/Work Instructions (if any)	NA

D. Remarks: NA: -Not Applicable, Requirements as per schedule 2nd of factory act 1948 .

*** Test Report ***

Kumari Aparna

(Reviewed By)

Aparna
08-05-2025

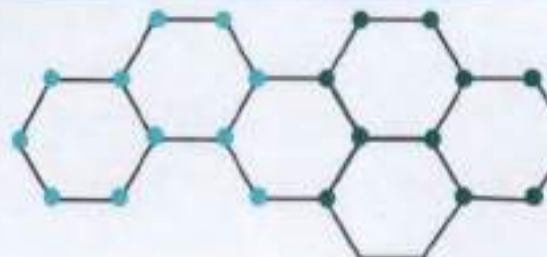


Gaurav Goyal
Technical Head
(Authorized Signatory)

Gaurav
08-05-2025

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Quantitative Risk Assessment (QRA) – REPORT at



Birla Opus Paints – Panipat, Haryana
(Grasim Industries Limited)

by

Sparrow Risk Management Pvt. Ltd.

Cyber City, Gurugram

www.sparrowrms.in

		QRA Study for Birla Opus Paints, Panipat	
		Document Id	QRA/Birla OPUS/Panipat/Oct 2024
		Revision Number	01

Document Identification	Revision No.	Submission Date	Comments
QRA/Birla OPUS/Panipat/Oct 2024	00	10 th December 2024	Draft Report
QRA/Birla OPUS/Panipat/Oct 2024	01	24 th January 2025	Final Report

Client	Birla Opus Paints Grasim Industries Limited
Location	FWC3+4Q7, Begampur, Dadlana, Haryana
Date of Site Visit	16 th October 2024
Study	Quantitative Risk Assessment
Coordinating Person (Birla Opus Paints)	Mr. Manish K Sahani
Report Prepared By	Mr. Dharmesh
Report Reviewed By	Mr. Varun Khatri & Mr. Deepak Kundani
Report Approved By	Mr. Pawan
Date of Submission of Report	24 th January 2025



HARYANA STATE POLLUTION CONTROL BOARD

SCO-55, Sec.25, HUDA, Panipat Ph. 0180-2672037

Email:- hspcbopr@gmail.com

E-mail: hspcb@hry.nic.in



No. HSPCB/Consent/ : 313096423PITCTO38848882

Dated:10/10/2023

To.

M/s :Grasim Industries Limited

Plot no. 48 to 62 , HSIIDC , Industrial Estate Panipat

Subject: Grant of consent to operate to M/s Grasim Industries Limited.

Please refer to your application no. 38848882 received on dated 2023-09-21 in regional office Panipat. With reference to your above application for consent to operate, M/s Grasim Industries Limited is here by granted consent as per following specification/Terms and conditions.

Consent Under	BOTH
Period of consent	04/10/2023 - 30/09/2026
Industry Type	Manufacturing of paints, varnishes, pigments and intermediate (excluding blending/mixing)
Category	RED
Investment(In Lakh)	147500.0
Total Land Area(Sq. meter)	283500.0
Total Builtup Area(Sq. meter)	189945.0
Quantity of effluent	
1. Trade	93.0 KL/Day
2. Domestic	23.0 KL/Day
Number of outlets	0.0
Mode of discharge	
1. Domestic	ZLD-Reuse in Gardening
2. Trade	ZLD- Reuse in Process
Domestic Effluent Parameters	
1. pH	5.5-9.0
2. BOD	10 mg/l
3. COD	50 mg/l
4. TSS	20 mg/l
5. Faecal Coliform (MPN/100 ml)	<100
Trade Effluent Parameters	
1. pH	6.5-8.5
2. TSS	100 mg/l
3. BOD	30 mg/l



4. Oil & Grease	10 mg/l
5. Phenolics as C ₆ H ₅ OH	1 mg/l
6. Pb	0.1 mg/l
7. Chromium (Hexavalent)	0.1 mg/l
8. Total Chromium	2.0 mg/l
9. Cu	2.0 mg/l
10. Ni	2.0 mg/l
11. Zn	5.0 mg/l
12. Arsenic as As	0.2 mg/l
13. Co	0.2 mg/l
14. Total Heavy metals	7.0 mg/l
Number of stacks	24
Height of stack	
1. Stack Attached to 2 TPH Boiler 1	35 m
2. Stack Attached to 2 TPH Boiler 2	35 m
3. Stack Attached to 2 TPH Boiler 3	35 m
4. Stack attached to 20 l a c k C a l / h r T h e r m o p a c k 1	35 m
5. Stack attached to 20 l a c k C a l / h r T h e r m o p a c k 2	35 m
6. Stack attached to 20 l a c k C a l / h r T h e r m o p a c k 3	35 m
7. Stack attached to 0.5 TPH Boiler	35 m
8. Stack attached to Dust Collector1	33 m
9. Stack attached to Dust Collector2	33 m
10. Stack attached to Dust Collector3	33 m
11. Stack attached to Dust Collector4	33 m
12. Stack attached to Dust Collector5	33 m
13. Stack attached to Dust Collector6	33 m
14. Stack attached to Dust Collector7	33 m
15. Stack attached to Dust Collector8	33 m
16. Stack attached to Dust Collector9	33 m
17. Stack attached to Dust Collector10	33 m



18. Stack attached to Wet Scrubber of Water Base Block	33 m
19. Stack attached to Wet Scrubber of Solvent Paint Block	33 m
20. Stack attached to Wet Scrubber of Resin Block	33 m
21. Stack1 attached to Wet Scrubber of Emulsion Block	33 m
22. Stack2 attached to Wet Scrubber of Emulsion Block	33 m
23. Stack Attached to DG Set1 2000KVA	33 m
24. Stack Attached to DG Set2 2000KVA	33 m
Emission parameters	
1. SPM (For Boiler/Thermopack)	80 mg/m ³
2. SPM (For Stack attached to Dust Collector/Wet Scrubber)	50 mg/m ³
Product Details	
1. Water Based Paints	684.94 Kilo liters/Day
2. Solvent Based Paints	136.99 Kilo liters/Day
3. Emulsions	273.98 Kilo liters/Day
4. Resins	82.20 Kilo liters/Day
Capacity of boiler	
1. Boiler 1	2 Ton/hr
2. Boiler 2	2 Ton/hr
3. Boiler 3	2 Ton/hr
4. Boiler (for MEE Plant)	0.5 Ton/hr
5. Thermopack 1	2000000 Kcalores/hr
6. Thermopack 2	2000000 Kcalores/hr
7. Thermopack 3	2000000 Kcalores/hr
Type of Furnace	
1. NA	
Type of Fuel	
1. PNG	40526 kg/day
Raw Material Details	
Pigments such as Rutile (TiO ₂) various grades, middle chrome, Redoxide, etc.	245.67 Metric Tonnes/Day
Extenders such as China clay, Calcium carbonate, Silica, Marble powder, Dolomite, etc.	234.99 Metric Tonnes/Day



Polyols such as Phthalic anhydride, Pentaerythritol, Maleic anhydride, benzoic acid, sodium bicarbonate, etc.	19.44 Metric Tonnes/Day
Colored pigments such as Blue, Green, Lemonchrome, yellow oxide, carbon black, etc.	1.27 Metric Tonnes/Day
Additives such as Natrosol, Diammonium phosphate, sodium benzoate, Hydroxy ethyl cellulose, etc.	6.18 Metric Tonnes/Day
Solvents such as Mineral turpentine, Xylene, Dipentene, MCEE 10, etc.	55.45 Metric Tonnes/Day
Driers and additives such as Calcium octoate, Cobaltoctoate, Ropaque Op60, Soya fatty acid, Indofil 850, etc.	49.37 Metric Tonnes/Day
Polyols such as Propylene glycol, Liq u o r ammonia, Texanol, etc.	5.47 Metric Tonnes/Day
Additives/Biocides such as Nipacide DFX, Dapro, Neopon, Thorew paste, etc.	14.24 Metric Tonnes/Day
Additives such as Morpholine, Benzyl alc, Glycerine, etc.	3.78 Metric Tonnes/Day
Monomers such as Methyl Methacrylate, 2 Ethylhexyl acrylate, Butyl acrylate, Styrene, etc.	154.52 Metric Tonnes/Day
Speciality Resins (Other than those manufactured inhouse)	13.02 Metric Tonnes/Day
Oils such as Raw linseed oil, Castor oil, Soyabeanoil, etc.	29.89 Metric Tonnes/Day



*Regional Officer, Panipat
Haryana State Pollution Control Board.*

Terms and conditions

1. The applicants shall maintain good house keeping both within factory and in the premises. All hose pipelines valves, storage tanks etc. shall be leak proof. In plant allowable pollutants levels, if specified by State Board should be met strictly.
2. The applicant/company shall comply with and carry out directive/orders issued by the Board in this consent order at all subsequent times without negligence of his /its part. The

applicant/company shall be liable for such legal action against him as per provision of the law/act in case of violation of any order/directives. Issued at any time and or non compliance of the terms and conditions of his consent order.

3. The applicant shall make an application for grant of consent at least 90 days before the date of expiry of this consent.

4. Necessary fee as prescribed for obtaining renewal consent shall be paid by the applicant alongwith the consent application.

5. If due to any technological improvement or otherwise this Board is of opinion that all or any of the conditions referred to above required variation (including the change of any control equipment either in whole or in part) this Board shall after giving the applicant an opportunity of being heard vary all or such condition and there upon the applicant shall be bound to comply with the conditions so varied.

6. The industry shall provide adequate arrangement for fighting the accidental leakages, discharge of any pollutants gas/liquids from the vessels, mechanical equipment etc. which are likely to cause environment pollution.

7. The industry shall comply noise pollution (Regulation and control) Rules, 2000.

8. The industry shall comply all the direction/Rules/Instructions as may be issued by the MOEF/CPCB/HSPCB from time to time.

9. The industry shall ensure that various characteristics of the effluents remain within the tolerance limits as specified in EPA Standard and as amended from time to time and at no time the concentration of any characteristics should exceed these limits for discharge.

10. The industry would immediately submit the revised application to the Board in the event of any change in the raw material in process, mode of treatment/discharge of effluent. In case of change of process at any stage during the consent period, the industry shall submit fresh consent application alongwith the consent to operate fee, if found due, which may be on any account and that shall be paid by the industry and the industry would immediately submit the consent application to the Board in the event of any change during the year in the raw material, quantity, quality of the effluent, mode of discharge, treatment facilities etc.

11. The officer/official of the Board shall reserve the right to access for the inspection of the industry in connection with the various process and the treatment facilities. The consent to operate is subject to review by the Board at any time.

12. Permissible limits for any pollutants mentioned in the consent to operate order should not exceed the concentration permitted in the effluent by the Board.

13. The industry shall pay the balance fee, in case it is found due from the industry at any time later on.

14. If the industry fails to adhere to any of the conditions of this consent to operate order, the consent to operate so granted shall automatically lapse.

15. If the industry is closed temporarily at its own, they shall inform the Board and obtain permission before restart of the unit.

16. The industry shall comply all the Directions/ Rules/Instructions issued from time to time by the Board.

Specific Conditions :

1. That the unit shall keep all the parameters within the prescribed limits and shall comply with all the Norms and Rules as prescribed in the Acts. 2. That the unit will comply with all the provisions of Hazardous Waste Rules and will make agreement with TSDF and Authorized



recycler of the Board for scientific disposal of Hazardous Waste, 3. That unit will use only Gaseous fuel in the industry, 4. That unit will comply with the conditions of Environmental Clearance, 5. That unit will install and connect the Flow meters and PTZ camera to the server of CPCB and HSPCB 6. Unit will submit the analysis report with in 03 months, 7. The total losses of solvent should not be more than 5% of the solvent consumed, if solvent consumption less than 1000 tons/Annum; and the solvent loss should not be more than 3% of the solvent consumed, if solvent consumption greater than 1000 tons/Annum, 8. The unit will comply with all the directions issued by CPCB, HSPCB, MoEF & CC and CAQM time to time, 9. The unit will not use ground water as source of water supply, 10. The unit will submit the compliance of conditions of CTO each year.

*Regional Officer, Panipat
Haryana State Pollution Control Board.*



FORM NO. 1-B (Prescribed under Rule 4)

CERTIFICATE OF STABILITY OF A FACTORY OR PART OF A FACTORY

"I hereby declare that I have personally inspected the spot, examined the plans and specifications of the building described below, the heights of the roofs, the actual materials and method used in its construction and the finished building and satisfied that its construction when used as a factory for the purpose herein declared and the heights of the roofs conform to the heights shown in the plans."

1. Name of the Factory: M/s Grasim Industries Limited (Birla Paints Division) at , Dadlana, Panipat, Panipat
2. General type of construction "A" Class Construction with RCC Slab, Column & Shed
 - a). Full name of signatory: R.K .SINGH
 - b). Qualifications: B.E,M.TECH (Civil)
 - c). Present occupation: Structure engineer consultant
 - d). Permanent postal address: H.NO 1192 ,Sector 9A, Gurugram -122001
3. Purpose for which the building is to be used Industrial Use
4. Name of room or building for which the certificate is granted giving reference to Plan No PLAN NO. 1 to 20
5. Nature of work to be carried on in the above room/building Manufacturing of Paints
6. Nature and amount of moving power 5 MVA


R.K. SINGH
B.E. CIVIL
H. No. 1192, DADLANA
Dist. Panipat, Haryana
Regd. No. 2023/109
Mob. 9313219862

Signature

26/09/2023



Haryana State Pollution Control Board
SCO-55, Sec.25, HUDA, Panipat Ph. 0180-2672037 Email:-
hspcbpr@gmail.com



No. :HWM/PIT/2024/49117309

DT: 08/08/2024

To

M/s Grasim Industries Limited
 Plot no. 48 to 62 , HSIIDC , Industrial Estate Panipat
 Panipat

Sub: Grant of Authorization under Hazardous and Other Wastes(Management & Transboundry Movement) Rules, 2016

- Reference of application:49117309 dated: 08/08/2024
- Mr. Harikrishna Agarwal of Grasim Industries Limited is hereby granted an authorization for generation, collection, storage, transportation, reception on the premises situated at Plot no. 48 to 62 , HSIIDC , Industrial Estate Panipat

Details of Authorization

S.No.	Name of process and Category of Hazardous Waste as per the Schedules I, II and III of these rules	Authorised mode of disposal or recycling or utilisation or co-processing, etc.	Quantity
1	Part A, A1-A1160	Disposal through Authorised vendor	30 T/Annum
2	cleaning, emptying and maintenance of petroleum oil storage tanks including, Sludge and filters contaminated with oil	Co-processing or Preprocessing	10 T/Annum
3	Industrial operations using mineral/synthetic oil as lubricant in hydraulic systems or other applications, Used/spent oil	Disposal Through Authorised Vendor	40 T/Annum
4	De-contamination of barrels/containers used for handling of hazardous waste/chemicals, Chemical Containing residue arising from decontamination	TSD/Incineration/Co-processing	25 T/Annum
5	production and/or industrial use of solvents, Distillation residues	Co-processing/ Preprocessing	50 T/Annum
6	Production and/or industrial use of paints, pigments, lacquers, varnishes and inks , Process wastes, residues & sludges	Co-processing/Preprocessing	140 T/Annum



7	Production and/or industrial use of glues, cements, adhesive and resins, Wastes/residues (not made with vegetable or animal materials)	Co-processing/ Preprocessing	90 T/Annum
8	Handling of Hazardous chemicals and wastes, Empty barrels/containers/liners contaminated with hazardous chemicals/wastes	Recovery and reuse- Authorised Recyclers	120 T/Annum
9	Handling of Hazardous chemicals and wastes, Empty barrels/containers/liners contaminated with hazardous chemicals/wastes	Recovery & Reuse - Authorised recyclers	800 T/Annum
10	Purification and treatment of exhaust air, water and waste water from the treatment plants (CETP's), Flue gas cleaning residue	Co-processing/ Preprocessing	5 T/Annum
11	Purification and treatment of exhaust air, water and waste water from the treatment plants (CETP's), Spent ion exchange resin containing toxic metal	Co-processing/ Preprocessing	20 T/Annum
12	Purification and treatment of exhaust air, water and waste water from the treatment plants (CETP's), Oil and grease skimming residues	Co-processing/ Preprocessing	20 T/Annum
13	Purification process for organic compounds/solvents, Spent carbon or filter medium	Co-processing/ Preprocessing	5 T/Annum
14	production and/or industrial use of solvents, Contaminated aromatic, aliphatic or napthenic solvents may or may not be fit for reuse	Co-processing/ Preprocessing	160 T/Annum
15	Handling of Hazardous chemicals and wastes, Contaminated cotton rags or other cleaning materials	Co-processing/ Preprocessing	20 T/Annum
16	Purification and treatment of exhaust air, water and waste water from the treatment plants (CETP's), Chemical sludge from waste water treatment	TSDF/Co-processing/ Preprocessing	320 T/Annum
17	cleaning, emptying and maintenance of petroleum oil storage tanks including, Oil-containing cargo residue, washing water and sludge	Co-processing/ Preprocessing	10 T/Annum
18	Hazardous waste treatment processes, e.g. pre-processing, incineration and concentration, Concentration or evaporation residues	TSDF/ Coprocessing/ Preprocessing	100 T/Annum



1. The authorization shall be valid for a period of 02/08/2024 to 30/09/2026
2. The authorization is subject to the following general and specific conditions :-

(i)

- (ii) 1. Unit will handover ETP Sludge only to the Authorized recycler. 2. That the unit will comply with all the provisions of Hazardous Waste Rules . 3. That unit will submit annual return on form IV before 30th June of every year 4. That the Authorization so granted shall become invalid in case of violation of any of the above / any law of the land 5. Unit shall renew its agreement with Service Provider on the Expiry of same.

Regional Officer Panipat
For Haryana State Pollution Control Board

Conditions of Authorization:

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorization or its renewal shall be produced for inspection at the request of an officer 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 authorization.
4. Any unauthorised change in personnel equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of this authorization.
5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorization 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. An application for the renewal of an authorization shall be made as laid down under these Rules.
8. Any other conditions for compliance as per the guidelines issued by the Ministry of Environment, Forest and Climate Changes or Central Pollution Control Board from time to time.
9. Annual return shall be filed by June 30 th for the period ensuring 31 st March of the year.

Digitally signed by BHUPINDER SINGH
DN: cn=BHUPINDER SINGH, o=Haryana State Pollution Control Board
Regional Officer Panipat
For Haryana State Pollution Control Board



From Director General
Fire Service, Haryana Panchkula

To M/s Grasim Industries Limited
Plot no. 48 to 62 Industrial Estate Village Dadlana Panipat Haryana
Memo No. FS/2023/907 dated : 27/09/2023

Subject : Fire Safety Certificate 15 mtrs. and Above from the fire safety point of view for Group G- Industrial Building at Plot no. 48 to 62 Industrial Estate Village Dadlana Panipat Haryana of Grasim Industries Limited :

Reference your letter no. 140842323000640 dated 04/09/2023 on the subject cited above.

Tower Name	Floor Detail	Height	Ground Coverage
BLOCK A (1A TO 6A)	GROUND ONLY	27 METER	29400.00 SQ.MTR (ONLY GROUND LEVEL IS LIVABLE)
BLOCK 7	G+2	13.95 METER	3188.45 SQ.MTR
BLOCK 8	G+2	13.95 METER	2293.23 SQ.MTR
BLOCK 9	OPEN SHED	-	2060.44 SQ.MTR
BLOCK 10	GROUND ONLY	7.25 METER	462.15 SQ.MTR
BLOCK 11	GROUND ONLY	12.50 METER	3575 SQ.MTR
BLOCK 12	GROUND ONLY	12.50 METER	3575 SQ.MTR
BLOCK 13	G+2	13.95 METER	1860.0 SQ.MTR
BLOCK 14 (A)	GROUND ONLY	9.20 METER	2112 SQ.MTR
BLOCK 14 (B)	G+3	NON OCCUPIED AREA	240 SQ.MTR
BLOCK 15	G+3	14.45 METER	1393.77 SQ.MTR
BLOCK 16	OPEN SHED	-	1737.80 SQ.MTR
BLOCK 17	OPEN SHED	-	3172.23 SQ.MTR
BLOCK 18	OPEN SHED	-	3174.60 SQ.MTR
BLOCK 19	OPEN SHED	-	1990.20 SQ.MTR
BLOCK 20	OPEN SHED	-	2068.73 SQ.MTR
BLOCK 21	OPEN SHED	-	151.08 SQ.MTR
BLOCK 22 (A)	OPEN SHED	-	3842.0 SQ.MTR
BLOCK 22(B)	G+1	10.23 METER	364 SQ.MTR
BLOCK 23 (A)	GROUND ONLY	4.95 METER	483 SQ.MTR
BLOCK 23 (B)	OPEN SHED	-	2173.21 SQ.MTR
BLOCK 24	GROUND ONLY	5.0 METER	664 SQ.MTR
BLOCK 25	GROUND ONLY	4.95 METER	1457.38 SQ.MTR
BLOCK 26	GROUND ONLY	4.95 METER	345 SQ.MTR
BLOCK 27	GROUND ONLY	5.45 METER	600 SQ.MTR
BLOCK 28	GROUND ONLY	5.2 METER	309.61 SQ.MTR
BLOCK 29	OPEN TO SKY	-	1350 SQ.MTR
BLOCK 30	GROUND ONLY	2.90 METER	792 SQ.MTR
BLOCK 31	G+1	9.95 METER	1200 SQ.MTR
BLOCK 32	GROUND ONLY	5.30 METER	260 SQ.MTR
BLOCK 33	GROUND ONLY	4.95 METER	552 SQ.MTR
BLOCK 34	GROUND ONLY	7.65 METER	2520 SQ.MTR
BLOCK 35	GROUND ONLY	5.98 METER	138 SQ.MTR
BLOCK 36	GROUND ONLY	5.15 METER	376 SQ.MTR
BLOCK 37	GROUND ONLY	3.45 METER	50.00 SQ.MTR
BLOCK 38	GROUND ONLY	3.45 METER	50.00 SQ.MTR
BLOCK 39	GROUND ONLY	4.85 METER	216.00 SQ.MTR





Citro Labs Private Limited

(Formerly Known as Centre for Industrial Testing & Research Organization)

AGovt. Approved Testing Laboratory

Opp. Ind-Swift, Industrial Area, Village-Jawaharpur,

Derabassi, Distt. SAS Nagar, Punjab-140507

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Website : www.citrolab.com



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TEST REPORT

Page 01 of 01

Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.		Report No.	CITRO/QC/150725/322
		Issue date	26-07-2025
		NABL ULR No.	TC1533125000001992 F
		Registration no. for Grasim Industries	25-07-55
		Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date	15-07-2025	Analysis Start Date	15-07-2025
Analysis Completion Date	26-07-2025		

A. Particulars of the Sample:

Name of Sample	Ambient Noise Monitoring	Testing as Per	EPA 1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution

General Information:

1. Date of Monitoring : 11-07-2025
2. Time of Monitoring : Day & Night
3. Purpose of Monitoring : For Monitoring.

B. Test Results:

S. No.	Location Name	Test Method	*Requirements, Day Time	*Requirements, Night Time	Result, Day Leq dB (A)	Result, Night Leq dB (A)
1	Near FG Gate Out Side	IS:9989:1981	75.0 Max.	70.0 Max.	64.2	59.2
2	Near Admin Block	IS:9989:1981	75.0 Max.	70.0 Max.	65.2	60.4
3	Near RM Gate Outside	IS:9989:1981	75.0 Max.	70.0 Max.	69.4	63.2
4	Near Utility	IS:9989:1981	75.0 Max.	70.0 Max.	65.7	55.8
5	Near Packing Area	IS:9989:1981	75.0 Max.	70.0 Max.	66.8	54.9
6	Near RMG Fabric	IS:9989:1981	75.0 Max.	70.0 Max.	67.1	52.7
7	Near WPB Area	IS:9989:1981	75.0 Max.	70.0 Max.	63.2	53.3

C. Supplementary Information:

1	Reference to Sampling Procedure	CITRO/QC/SOP/026
2	Supporting Documents for the Measurements Taken and Results Derived Like: Graphs/Tables/Sketches/Photographs as Appropriate to the Test Report (if any)	NA
3	Addition to, Deviations, or Exclusions from the Relevant Test Method/Work Instructions (if any)	NA

Ambient Noise Quality Stds as per noise pollution (Regulation and Control) Rules ,2000

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

R. Remarks: NA: Not Applicable. Standards as Per EPA Act 1986 PCLS 2021 Day Time Means 06:00 AM To 10:00 PM and Night Time Means 10:00 PM To 6:00 AM

End of Test Report

Kumari Aparna

(Reviewed By)

Gaurav Goyal
Technical Head

(Authorized Signatory)

Disclaimer:

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6. The sample will be destroyed after retention time unless otherwise specified specially.
7. Endorsement of the product tested by the laboratory is neither inferred nor implied.
8. Report shall not be reproduced except in full without approval of the laboratory.
9. All disputes are subject to exclusive jurisdiction of Derabassi court only.





Citro Labs Private Limited

(Formerly Known as Centre for Industrial Testing & Research Organization)

AGovt. Approved Testing Laboratory

Opp. Ind-Swift, Industrial Area, Village-Jawaharpur,

Derabassi, Distt. SAS Nagar, Punjab-140507

(M) +91-8528969439, +91-9815094327

E-mail : info@citrolab.com

Website : www.citrolab.com



Certified by : ISO 9001:2015, ISO : 14001:2015, ISO:45001 : 2018

TEST REPORT

Page 01 of 01

Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Paints Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road ,Panipat, Haryana- 132140.		Report No.		CITRO/QC/230825/241	
		Issue date		29-08-2025	
		NABL ULR No.		TC1533125000002297 F	
		Registration no. for Grasim Industries		25-08-115	
		Customer Ref. & Date		WO No. 4900188734 & 17-04-2025	
Sample Receiving Date	23-08-2025	Analysis Start Date	23-08-2025	Analysis Completion Date	29-08-2025

A. Particulars of the Sample:

Name of Sample	Ambient Noise Monitoring	Testing as Per	EPA 1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution

General Information:

1. Date of Monitoring : 21-08-2025
2. Time of Monitoring : Day & Night
3. Purpose of Monitoring : For Monitoring.

B. Test Results:

S. No.	Location Name	Test Method	*Requirements, Day Time	*Requirements, Night Time	Result, Day Leq dB (A)	Result, Night Leq dB (A)
1	Utility-2	IS:9989:1981	75.0 Max.	70.0 Max.	63.5	58.7
2	RMG	IS:9989:1981	75.0 Max.	70.0 Max.	66.8	62.5
3	FG Godown Near Raw Water Pump	IS:9989:1981	75.0 Max.	70.0 Max.	70.1	64.4
4	Near WPB Area	IS:9989:1981	75.0 Max.	70.0 Max.	66.5	59.8
5	Engineer Workshop Back Side	IS:9989:1981	75.0 Max.	70.0 Max.	68.7	60.9
6	RM Gate (Inside)	IS:9989:1981	75.0 Max.	70.0 Max.	65.3	58.2
7	FG TDR	IS:9989:1981	75.0 Max.	70.0 Max.	64.7	59.9

C. Supplementary Information:

1.	Reference to Sampling Procedure	CITRO/QC/SOP/026
2.	Supporting Documents for the Measurements Taken and Results Derived Like: Graphs/Tables/Sketches/Photographs as Appropriate to the Test Report (if any)	NA
3.	Addition to, Deviations, or Exclusions from the Relevant Test Method/Work Instructions (if any)	NA
Ambient Noise Quality Stds as per noise pollution (Regulation and Control) Rules, 2000		
Area Code	Category of Area	Limits (Leq dBA)
		DayNight
A	Industrial Area	7570
B	Commercial Area	6555
C	Residential Area	5545
D	Silence Area	5040

B. Remarks: NA. Not Applicable. Standards as Per EPA Act 1986 PCLS 2021 Day Time Means 10:00 AM To 10:00 PM and Night Time Means 10:00 PM To 6:00 AM

End of Test Report

Kumari Aparna

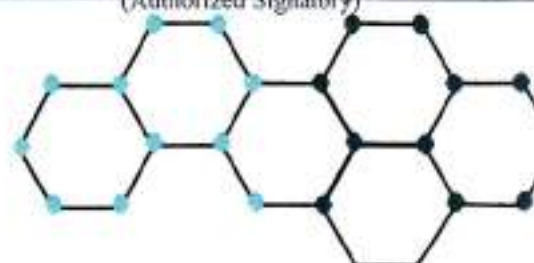
(Reviewed By)

Gaurav Goyal
Technical Head

(Authorized Signatory)

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TEST REPORT

Page 01 of 01

Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Paints Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.	Report No.	CITRO/QC/230825/242
	Issue date	29-08-2025
	NABL ULR No.	TC1533125000002298 F
	Registration no. for Grasim Industries	25-08-115
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receipt Date: 23-08-2025 Analysis Start Date: 23-08-2025 Analysis Completion Date: 29-08-2025		

A. Particulars of the Sample:

Name of Sample	Noise DG Set (2000 kVA)	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution

General Information

1. Date of Monitoring : 21-08-2025
2. Time of Monitoring : 13:20 hrs
3. Purpose of Monitoring : For Self-Monitoring
4. Source of Noise Pollution Monitored : DG Noise GG Set -2 (2000 KVA)
 - a. Engine Sr. No. : 2217709
 - b. Make : Caterpillar
 - c. Date of mfg. of DG set : 08/2023
 - d. Date of Installation : 25-04-2025
 - e. Type Approval No. : 1010803
5. Pollution Control Device (if any) : Acoustic Enclosure
6. Stack Height from Ground level to top, m : 30
7. Stack Height above roof Level, m : NA
8. Location of Noise Generating Source : Ground Floor
(Top Floor, Ground Floor)

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirement	Test Results
1	Open Door at 0.5 meter away from Acoustic Enclosure, dB(A)	IS/ISO 8528 (Part 10)	-	99.5
2	Closed Door at 0.5 meter away from Acoustic Enclosure, dB(A)	IS/ISO 8528 (Part 10)	-	74.1
3	Insertion Loss	IS/ISO 8528 (Part 10)	Min.25.0	25.4

C. Supplementary Information:

1.	Reference to Sampling Procedure	CITRO/QC/SOP/026
2.	Supporting Documents for the Measurements Taken and Results Derived Like: Graphs/Tables/Sketches/Photographs as Appropriate to the Test Report (if any)	NA
3.	Addition to, Deviations, or Exclusions from the Relevant Test Method Work Instructions (if any)	NA

D. Remarks: NA- Not Applicable, Requirements as per EPA Act 1986 PCLS/2021, Sampling done by lab

End of Test Report

Kumari Apama

(Reviewed By)

Signature
29-08-2025

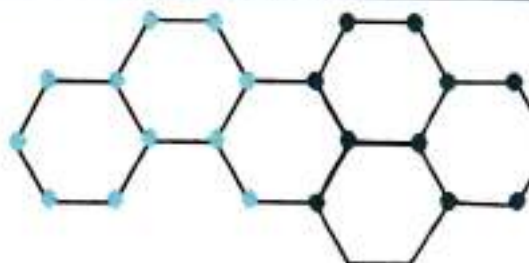


Gaurav Goyal
Technical Head
(Authorized Signatory)

Signature
29-08-2025

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TEST REPORT

Page 01 of 01

Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.			Report No.		CITRO/QC/130625/150			
			Issue date		19-06-2025			
			NABL ULR No.		TC1533125000001347 F			
			Registration no. for Grasim Industries		25-06-25			
			Customer Ref. & Date		WO No. 4900188734 & 17-04-2025			
Sample Receiving Date		13-06-2025	Analysis Start Date		13-06-2025	Analysis Completion Date		19-06-2025

A. Particulars of the Sample:

Name of Sample	Ambient Noise Monitoring	Testing as Per	EPA 1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution

General Information:

1. Date of Monitoring

: 10-06-2025

2. Time of Monitoring

: Day & Night

3. Purpose of Monitoring

: For Monitoring.

A. Test Results:

S. No.	Location Name	Test Method	*Requirements, Day Time	*Requirements, Night Time	Result, Day Leq dB (A)	Result, Night Leq dB (A)
Ambient Noise						
1	Near Main Gate Inside	IS:9989:1981	75.0 Max.	70.0 Max.	63.1	60.1
2	Near Main Gate Outside	IS:9989:1981	75.0 Max.	70.0 Max.	66.1	61.4
3	Near FG Gate	IS:9989:1981	75.0 Max.	70.0 Max.	70.2	65.2
4	Near RMTDR	IS:9989:1981	75.0 Max.	70.0 Max.	66.1	56.4
5	Near STP Area	IS:9989:1981	75.0 Max.	70.0 Max.	65.4	58.7
6	Near Finished Go Down Area	IS:9989:1981	75.0 Max.	70.0 Max.	66.2	55.8
7	Near Water Based Paint Block	IS:9989:1981	75.0 Max.	70.0 Max.	66.8	54.8
8	Near Packing Material Godown	IS:9989:1981	75.0 Max.	70.0 Max.	62.4	54.5

C. Supplementary Information:

1.	Reference to Sampling Procedure	CITRO/QC/SOP/026
2.	Supporting Documents for the Measurements Taken and Results Derived Like: Graphs/Tables/Sketches/Photographs as Appropriate to the Test Report (if any)	NA
3.	Addition to, Deviations, or Exclusions from the Relevant Test Method/Work Instructions (if any)	NA

Ambient Noise Quality Stds. as per noise pollution (Regulation and Control) Rules, 2000

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

B. Remarks: NA. Not Applicable. Standards as Per EPA Act 1986 PCLS 2021 Day Time Means 06:00 AM To 10:00 PM and Night Time Means 10:00 PM To 6:00 AM.

End of Test

Kumari Aparna

(Reviewed By)

Aparna
19-06-2025



Gaurav Goyal
Technical Head

(Authorized Signatory)

Goyal
19-06-2025

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ON-SITE EMERGENCY PLAN

(As per Section 41B of Factories Act, 1948 Rule 70-I , Chapter IV-A of the Punjab
Factory Rules, 1952, Schedule 11, Rule 13 of MSIHC Rules 1989)



Grasim Industries Limited (Paints Division)

Panipat

**PLOT NO. 48 TO 62, HSIIDC, INDUSTRIAL ESTATE,
PANIPAT, HARYANA-132103**

Effective From 01.07.2022

Revision-1/ 01-07-2025

25.04.2025

To,
The Regional Officer,
Haryana State Pollution Control Board,
SCO-55, Sec.25, HUDA, Panipat, Haryana

Subject: AAQMS installed within plant boundary as per EC Conditions

Ref: EC No: EC21B023HR110104, File No.: SEIAA/HR/2021/461, dated: 31st December'21

Dear Sir,

We, M/s. Grasim Industries Limited (Birla Paints Division) as Integrated Paint Manufacturing Unit in Plot No. 48 to 62, HSIIDC Industrial Estate Panipat, Village Dadlana, Tehsil and Dist. Panipat, State Haryana. We have received the Environment Clearance (EC) on dated: 31st December'21

With reference to the above subject, we would like to bring to your kind attention that we have received EC. As per point-III of section 1 of EC specific conditions "The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant the main pollutants released (e.g. PM10 and PM25 in reference to PM emission, and SO2 and NOX in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each), covering upwind and downwind directions". In line with the conditions, we have installed four AAQM stations outside of the manufacturing buildings, one at upwind and three at downwind direction across the plant boundary wall (inside) for continuously monitoring the key air quality parameters such as PM2.5, PM10, Sox, Nox.

Thanking You.
Yours faithfully,



AMRESH SHARMA

Saurabh Singh
Site Head



Grasim Industries Limited
(Birla Paints Division)

Site Address: Plot No. 48 - 62, HSIIDC Industrial Area, Refinery Road, Panipat - 132140, Haryana.

Website : www.adityabirla.com

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

From

The Director General,
New & Renewable Energy Deptt., Haryana & HAREDA,
Institutional Plot No. 1, Sector 17, Panchkula

To

M/s Inixy Power Solution Pvt. Ltd.
Milton Road, Opp. Atlas Mandir,
Sonipat-131001
Email: inixygroup@gmail.com

Memo No. DRE/GCRT/1043853/5182

Dated: 29.10.2024 /5-11-24

Subject: Work order for supply, installation and commissioning of GCRT solar power plants with battery bank (with net metering facilities) including comprehensive maintenance for 05 years including supply of solar generation meter and bi-directional meter

(TO BE READ WITH SAME MEMO NUMBER AND DATE)

Reference:

1. Tender Notice No. 22/2022-23 (No. 33/HR/RC/G-2/2022-23)
2. Rate Contract No. Endt. no. 33/HR/RC/G-2/2022-23/17890 dated 21.11.2023

In accordance with the terms and conditions of the said rate contract/DNIT, we are pleased to place the work order for supply, installation and commissioning for 13 no. of GCRT solar power plants with battery bank (with net metering facilities) including comprehensive maintenance for 05 years including supply of solar generation meter and bi-directional meter at various locations across the State of Haryana as per details given below:

S. No.	District	Name of Institution	Capacity, kWp	Cost, Rs. (with GST)
1	Panipat	GPS, Nangal Kheri	5	4,85,129
2		GPS, Kasturba-B	3	2,97,769
3		GPS Shaheed Ravikant	5	4,85,129
4		GPS, Azad Nagar	3	2,97,769
5		GHS, Canal Camp	5	4,85,129
6		GPS, Bichpari	3	2,97,769
7		GPS, Center Sainipura	4	3,92,564
8		GMSPS, Sewah	4	3,92,564
9		GMS, Kutani	4	3,92,564
10		GMS, Kachroli	5	4,85,129
11		GSSS, Tehsil Camp	7.5	7,19,330
12		GPS, Kabri	5	4,85,129
13	Karnal	GPS, Khora Kheri	4	3,92,564
		TOTAL		56,08,538



The formats of the Material Receipt, Joint Commissioning Reports (JCR) have already been supplied earlier.

You are requested to supply, install and commission these systems in accordance with the technical specification and other terms and conditions of the DNIT/RC.

Kindly acknowledge receipt of this work order duly sealed and signed to confirm your acceptance.

for
Project Officer,
Director General, DNRE&H
Haryana, Panchkula

Endt. No.5183

Dated 29.10.2024 / 5-11-24

A copy of the above is forwarded to the Additional Deputy Commissioner-cum-CPO, DNRE, Panipat and Karnal for kind information and further necessary action please.

for
Project Officer,
Director General, DNRE&H
Haryana, Panchkula



From

Additional Deputy Commissioner-cum-
Chief Project Officer, N&RE,
Panipat

To

Sh. Saurabh Singh, Site Head,
Grasim Industries Limited (Birla Paints Division),
Panipat, Haryana

Memo No. PO/DNRE/CER/2024/ 60

Dated: 19.04.2024

Subject: Project Completion Report of LED based Solar Street Lights & LED based Solar High Mast Lights alongwith expenditure details.

It is submitted here that as desired by your esteemed company and funds provided under CER activities, the work orders were issued by Director General, New and Renewable Energy Department vide work order no. DNRE/2023-24/9445-47 dated 20.11.2023 (for LED based Solar Street Lights) and work order no. DNRE/2023-24/9441-42 dated 20.11.2023 (for LED based Solar High Mast Lights). The site wise installation report of above-mentioned systems is given as under: -

Sr no	Name of Panchayat	Solar High Mast lights installed	Solar Street lights installed
1	Dadiana	4	50
2	Rajapur	4	50
3	Sithana/ Singhpura	4	50
4	Faridpur	4	50
5	Azizillapur (Model Pond)	0	4
	Total Nos	16 Nos	204 Nos
	Funds Utilized	13,76,000/-	25,08,200/-

It is further submitted that the total fund amounting to Rs.38,84,200/- released to this office has been utilized as per details submitted above.

This is for your kind information please.



Project Officer,

O/o Additional Deputy Commissioner-cum-
Chief Project Officer, N&RE, Panipat



The Haryana Pond and Waste Water Management Authority

Plot no-9, DHL Square, 3rd Floor, IT Park, Sector-22 Panchkula-134109

E-Mail Id: ms.haryanapondauthority@gmail.com

Website: www.hpwwma.org.in

Letter No. HPWWMA/ENGG/2023/283/70055

Dated: 28/12/2023

To

Grasim Industries Limited
Birla Paints Division,
Panipat

Subject: Completion certificate of the model pond rejuvenation (Pond UID 02HRPPTPAN0001AZIZ001) located in Azizullapur Village, Panipat.

Reference: Mail received as on 20.12.2023.

Sir,

With reference to the mail forwarded to this office on 20.12.2023 from your end, it is to inform that the work of model pond situated at Azizullapur (Pond UID 02HRPPTPAN0001AZIZ001) allotted to your agency is certified to be completed as per the guidelines and norms of HPWWMA against the approved Digital Survey and Architectural drawings.


27/12/23
Technical Advisor

HPWWMA, Panchkula





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.

Date: 18th August 2016

ABG/SUST/POL/01

Version: V-3

Disclaimer: The 'Aditya Birla Group' is exclusively and/or conveniently referred to a group of entities which use the group's trademark 'Aditya Birla' and/or 'Sonnve Logo' as a part of their corporate name, logo and/or in relation to their products and services, either on virtue of Shareholding Interest or otherwise. The 'Aditya Birla' and 'Sonnve Logo' trademarks, registered in India and around the world, are owned by Aditya Birla Management Corporation Private Limited (ABMCP). ABMCP is the centre of excellence and provides shared centralized expert services to its member entities. The terms of use of the group mark, logo and expert centralized services by Aditya Birla Group companies are governed by group's explicit 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 shall ever authorize or obligate or bind ABMCP or any other Aditya Birla Group company whereby third parties, who does not belong, 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 wherever there is a need to refer to the 'Group'.

Sr. No.	Activity	Purpose
1	Installation of 170 KLD capacity ETP plant & 30 KLD STP	100 % treatment of trade effluent as per CPCB/HSPCB norms
	RO Plant installation	Treatment of High TDS effluent. To establish ZLD system Reuse of treated effluent to reduce freshwater consumption
	MEE & VTFD System	Treatment of RO reject effluent. To establish ZLD system. Reuse of treated effluent to reduce freshwater consumption
2	Organic Waste management	To reduce the organic pollutant load in environment and prevent water & soil pollution. Converted organic waste used as manure for green belt development.
3	Use of rainwater	Rainwater Reservoir To use in greenbelt area
4	Air Pollution Control Measures	Water Based Paint, Block, Emulsion Block, Solvent & Resin Block respectively
		continuous emission monitoring for all stacks
5	Air Quality Monitoring and Preservation	Installation of system to carryout Ambient Air Quality monitoring within and outside the plant area at least at four locations monitoring of PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions)
6	Effluent online quality monitoring	ETP & STP treated water online monitoring As per CPCB guideline for Paint industry



THURSDAY, 6 JANUARY 2022

☀️ सूर्यास्त(आज) 05.38

🌃 सूर्योदय(कल) 07.18

अगले 24 घंटों दौरान बारिश हो सकती है।

एयर क्वालिटी इंडैक्स

पानीपत **47**

● अच्छा ● खराब ● बहुत खराब

तापमान अधिकतम 17 न्यूनतम 9 आज का तापमान लगभग 18 डिग्री रह सकता है

THURSDAY, 6 JANUARY 2022

☀️ सूर्यास्त(आज) 05.38

🌃 सूर्योदय(कल) 07.18

अगले 24 घंटों दौरान बारिश हो सकती है।

PANIPAT KESARI



न्यूज ब्रीफ

अवैध हथियार सप्लायर

सी.आई.ए.-1 के चढ़ा हत्ये

पानीपत, 5 जनवरी (संजीव): अवैध हथियार सहित काबू किए गए युवक के खुलासे के आधार पर सी.आई.ए.-1 की टीम ने अवैध हथियार सप्लाई करने वाले आरोपी को सेंक्टर-18 से काबू किया है।

सी.आई.ए.-1 प्रभारी के इंस्पेक्टर राजपाल सिंह ने बताया कि उनकी टीम ने बीते अगस्त माह में राजीव कालोनी से अजीत उर्फ बबुआ पुत्र चन्द्रमोहन निवासी कुलदीप नगर पानीपत को अवैध देसी पिस्तौल 315 बोर सहित गिरफ्तार किया था। आरोपी अजीत के खिलाफ थाना किला में मुकद्दमा दर्ज कर पुलिस टीम ने गहनता से पृछताछ की तो उसने उक्त अवैध देसी पिस्तौल फतेहाबाद के गांव डोंगरा ढाणी निवासी मुरारी लाल पुत्र ओमप्रकाश से 4000 रुपए में खरीदने बारे खुलासा किया था। आरोपी को न्यायिक हिरासत में पेश करके जेल भेजने के बाद सी.आई.ए.-1 की टीम अवैध हथियार की तस्करी करने वाले आरोपी मुरारी लाल को काबू करने के लिए उसके संभावित ठिकानों पर दबिश दे रही थी लेकिन आरोपी पुलिस की पकड़ से बचने के लिए लगातार ठिकाने बदल-बदल कर रह रहा था।

पुलिस टीम ने मंगलवार को गुप्त सूचना के आधार पर दबिश देकर आरोपी मुरारी लाल को गिरफ्तार कर लिया। पुलिस पृछताछ में आरोपी से खुलासा हुआ कि उसने अवैध हथियार बेचकर प्राप्त किए 4000 रुपए में से काफी पैसे खाने-पीने में खर्च कर दिए। बचे 200 रुपए आरोपी के कब्जे से बरामद कर जांच टीम ने उसको बुधवार को अदालत में पेश किया, जहां से उसे न्यायिक हिरासत में जेल भेज दिया गया है।

चुलकाना में युवक की हत्या मामले में 2 गिरफ्तार

समालखा, 5 जनवरी (राकेश) : करीब 14 दिन पहले गांव चुलकाना में एक युवक की हत्या करने के मामले में पुलिस ने 2 आरोपियों को गिरफ्तार किया है।

सी.आई.ए.-2 प्रभारी इंस्पेक्टर वीरेंद्र सिंह ने बताया कि सी.आई.ए.-2 पुलिस की टीम ने गांव चुलकाना वासी नीरज उर्फ रॉकी की हत्या करने के मामले में मंगलवार को गुप्त सूचना के आधार पर दबिश देते हुए आरोपी आशीष व सोनू वासी चुलकाना को समालखा बस अड्डे के पास से काबू कर गहनता से पृछताछ की तो उन्होंने नीरज उर्फ रॉकी की हत्या करने की बात कबूल लिया। आरोपियों ने बताया कि पुरानी रजिश के चलते उन्होंने उक्त युवक की हत्या की वारदात को अंजाम दिया। वारदात में प्रयोग किया गया अवैध देसी पिस्तौल व बाइक बरामद करने के लिए गिरफ्तार आरोपियों आशीष व सोनू को पुलिस टीम ने आज अदालत में पेश किया, जहां से उन्हें 6 दिन के पुलिस रिमांड पर लिया गया।

इंस्पेक्टर ने बताया कि थाना समालखा में चुलकाना वासी धीरज ने 22 दिसम्बर को शिकायत में बताया था कि उसका बड़ा भाई



पुलिस गिरफ्त में आरोपी। (राकेश)

नीरज उर्फ रॉकी शाम करीब 7 बजे गांव में प्रदीप के पशुवाड़े में दोस्त पंकज, अर्पित, अमन, कुलदीप व प्रदीप वासी चुलकाना के साथ बैठा था। इसी दौरान 2 नकाबपोश युवक वहां पर आए और पिस्तौल से नीरज को गोलियां मार कर मौके से फरार हो गए। सूचना मिलते ही वह तुरंत चाचा राजेश के साथ घटनास्थल पर पहुंचा और खून से लथपथ नीरज को पानीपत के एक निजी अस्पताल में लेकर गए, जहां पर डाक्टरों ने नीरज को मृत घोषित कर दिया। पुलिस ने धीरज की शिकायत पर केस दर्ज करके आरोपियों की धरपकड़ के प्रयास शुरू कर दिए थे।

त्यापारी की हत्या के विरोध में दुकानदारों व त्यापारियों ने लगाया जाम

समालखा, 5 जनवरी (राकेश): मंगलवार शाम के समय शहर के व्यस्ततम बाजार माता पुरी रोड पर थोक व्यापारी एवं मंदिर एरजीक्यूटिव मैम्बर राज कुमार मित्तल उर्फ राजू की गोली मारकर हत्या करने के मामले में पुलिस ने पानीपत सरकारी अस्पताल में आज शव पोस्टमार्टम करवाकर परिजनों को सौंप दिया। वहीं गुस्साए दुकानदारों, व्यापारियों व रेहड़ी वालों ने शहर के मुख्य बाजार रेलवे रोड पर दुकानें बंद कर पुराने बस अड्डे पर जाम लगा दिया। उन्होंने पुलिस प्रशासन को कोसते हुए आरोपियों की जल्द गिरफ्तारी की मांग की। काफी देर तक जाम लगने से वाहन चालकों व आमजन को परेशानी का सामना करना पड़ा। जाम की सूचना मिलते ही डी.एस.पी. व विधायक धर्म सिंह छौक्कर मौके पर पहुंचे। इस दौरान दुकानदारों, व्यापारियों व रेहड़ी वालों ने डी.एस.पी. से आरोपियों को जल्द पकड़ने की मांग की। उन्होंने कहा कि मामले की सूचना देने पर पुलिस अधिकारी फोन नहीं उठाते। इस पर विधायक ने कहा

जिले में 36000 युवाओं का पंजीकरण

हर वर्ष मात्र 1000 को मिल पा रही नौकरी

औद्योगिक नगरी होने के बावजूद भी प्राइवेट नौकरी के लिए इधर-उधर पड़ रहा भटकना

पानीपत, 5 जनवरी (आशु) : जिले में अच्छी-खासी स्टडी करने के पश्चात भी युवाओं को नौकरी के लिए इधर-उधर भटकना पड़ रहा है। हालांकि ऐतिहासिक एवं औद्योगिक नगरी पानीपत में व्यापार की कमी नहीं है परंतु इंडस्ट्रीज होने के बावजूद भी शहर के युवाओं को नौकरी का लाभ उठाने के लिए दिल्ली एवं गुड़गांव जैसे शहरों में धक्के खाने पड़ रहे हैं। पढ़-लिख जाने के पश्चात हर युवा चाहता है कि उसे अच्छी-खासी इन्कम भी प्राप्त हो परंतु जब उतनी इन्कम अपने ही शहर में नहीं मिल पाती तो उन्हें मजबूरन दूसरे शहरों की राह पकड़नी पड़ती है। वहीं अपने ही शहर में बाहर से आने वाले नागरिक नौकरी करके गुजारा चलाते हैं।

बता दें कि गत 2 दिन पूर्व सी.एम.एम.आई. द्वारा एक रिपोर्ट जारी की गई जिसमें बेरोजगारी में



हरियाणा नंबर एक पर आया है। प्रदेश की बेरोजगारी दर 34.1 दर्शाई गई है। हरियाणा में एच.पी.एस.सी और एच.एस.एस.सी. भर्तियों को सिरे नहीं चढ़ा पा रहे हैं। नतीजतन हरियाणा बेरोजगारी में नंबर वन बन गया है। वहीं एच.पी.एस.सी एवं एच.एस.एस.सी. की परीक्षा उत्तीर्ण करने के लिए भी युवाओं को कोचिंग लेनी पड़ती है इसलिए वही

युवा कोचिंग ले पाते हैं जिनके परिवार के पास इन्कम का अच्छा सोर्स है। गरीब परिवार में जन्म लेने वाले युवाओं के लिए कोचिंग लेना भी भारी पड़ रहा है जिस कारण न ही परीक्षा पास हो पाती है और न ही सरकारी नौकरी मिल पाती है। मजबूरन उन्हें प्राइवेट नौकरी करके ही परिवार का गुजारा चलाना पड़ता है। जिला रोजगार केंद्र के अनुसार

बड़ी संख्या में चल रहे अवैध प्लेसमेंट कार्यालय

जिले में हर गली एवं मोड़ पर लोगों द्वारा अवैध रूप से प्लेसमेंट कार्यालय खोले हुए हैं जिनका जिला प्रशासन के पास कोई रजिस्ट्रेशन भी नहीं है। शहर में केवल कुछ ही प्लेसमेंट कार्यालयों का रजिस्ट्रेशन हुआ पड़ा है जिसके तहत शहर में चल रही प्राइवेट फर्मों एवं शोरूम व दुकानों आदि पर युवक-युवतियों को नौकरी दिलवाई जाती है जिसकी युवाओं से अच्छी-खासी रकम भी वसूली जाती है। अब कहीं आसानी से नौकरी न मिलने पर युवाओं को इन प्लेसमेंट कार्यालयों का ही लाभ उठाना पड़ता है जिन पर प्रशासन की ओर से कोई कार्रवाई अमल में नहीं लाई जाती।

अभी तक लाइफ रजिस्टर में करीब 36000 से अधिक युवक-युवतियों का पंजीयन हुआ है। हर वर्ष करीब 1000 युवक-युवतियों को रोजगार भी प्राप्त हो रहा है जिसमें प्राइवेट व सरकारी रोजगार दोनों शामिल हैं। वहीं 5000-6000 सक्षम के तहत पंजीयन करवाने वालों की संख्या है जिनमें से करीब 1400 युवक-युवतियां नौकरी कर रहे हैं।

जिले में मिले 20 कोरोना पॉजिटिव, 1552 की हुई जांच

एक्टिव केस संख्या हुई 80

पानीपत, 5 जनवरी (आशु) : शहर की जनता को छूट मिलने के पश्चात स्वास्थ्य विभाग ने भी अपना वैक्सीन का दायरा बढ़ाना शुरू कर दिया है। इसके तहत जिले में विभिन्न जगहों पर सत्र आयोजित कर अधिक से अधिक लोगों को कोरोना रोधक वैक्सीन लगाने का प्रयास किया जा रहा है ताकि यदि कोई संक्रमित व्यक्ति हो तो वह दूसरों को कोरोना महामारी की चपेट में न ले सके। वहीं शहर की जनता भी स्वास्थ्य विभाग के आयोजित होने वाले शिविरों में वैक्सीन लगवाने के लिए पहुंच रही है। जिले में अब कोरोना नामक महामारी से अपने पैर फिर से पसारने



आर्य आदर्श स्कूल में बच्चों का रजिस्ट्रेशन करते स्वास्थ्य कर्मचारी तथा (दाएं) छात्रा को वैक्सीन लगाती स्वास्थ्य विभाग की कर्मचारी। (पंकेश)

शुरू कर दिए हैं जबकि महामारी को लेकर स्वास्थ्य विभाग की ओर से कोरोना रोधक वैक्सीन की डोज भले

ही दी जा रही हो परंतु अन्य विभागों की ओर से न ही सैनिटाइजर छिड़काव को फिर से शुरू करवाया गया है

बोटिंग के नैशनल चैम्पियन पर चाकू से हमला, 2 फुफेरे भाई भी घायल

पानीपत, 5 जनवरी (संजीव) : थाना सदर के अंतर्गत गांव जालपाड़ में बुआ के घर आए बोटिंग में नैशनल चैम्पियन युवक पर एक दुकानदार ने अपने साथियों के साथ मिलकर चाकू से हमला कर दिया। वहीं युवक के 2 फुफेरे भाइयों को भी बैकट व अन्य हथियारों से मारा गया है।

थाना इसराना क्षेत्र के अंतर्गत गांव नौल्था निवासी अमन (18) पुत्र मोहन ने पुलिस को दी शिकायत में बताया कि वह पंजाब यूनिवर्सिटी में बी.ए. प्रथम वर्ष का छात्र है। उसने बोटिंग में नैशनल प्रतियोगिताओं में 5 स्वर्ण व एक कांस्य पदक जीता है। वह सोनीपत

के आहुलाना गांव में बोटिंग की प्रैक्टिस करता है। बीते रविवार को वह पानीपत जिले के जालपाड़ गांव में अपनी बुआ मूर्ति के घर पर मकर संक्रांति का शगुन लेकर गया था। वह बुआ के लड़कों रोहित व ऋतिक के साथ ट्रैक्टर की लाइट लेने के लिए सनौली रोड पर अजमद पुत्र अब्बास निवासी जालपाड़ की दुकान पर गया। जहां पर लाइट के दाम को लेकर फुफेरे भाइयों की दुकानदार के साथ कहासुनी हो गई। उसने बीच-बचाव करके मामले को शांत करवाया लेकिन दुकानदार ने उन्हें 10 मिन्ट के भीतर ही सबक सिखाने की धमकी दे डाली। इसके बाद वे तीनों

नहर में शव तैरता मिलने से फैली सनसनी

पानीपत, 5 जनवरी (संजीव): उरलाना पुलिस चौकी के पास से गुजरने वाली बुटाना नहर में एक व्यक्ति का शव तैरता हुआ मिलने से क्षेत्र में सनसनी फैल गई। राहगीरों ने मामले की सूचना पुलिस को दी जिस पर पुलिस ने मौके पर पहुंचकर गोताखोरों की मदद से शव को नहर से बाहर निकलवाया तथा पंचनामा तैयार करते हुए पोस्टमार्टम के लिए सिविल अस्पताल पानीपत के शव गृह में पहुंचाया।

उरलाना चौकी के ईंचार्ज ए.एस.आई. चंद्रपाल ने बताया कि मंगलवार को पुलिस को पास से गुजरने वाली बुटाना नहर में एक अज्ञात युवक का शव तैरने बारे सूचना मिली थी। मृतक की उम्र करीब 40-45 वर्ष के बीच है, जिसने सफेद रंग की कमीज, काले रंग की बनियान व चॉकलेट रंग की पैंट पहनी हुई है। उन्होंने लोगों से अपील की है कि वे शव की शिनाख्त करवाने में पुलिस का सहयोग करें।

वापस अपने घर लौट आए। शाम के करीब करीब 5 बजे जब वह बुआ के लड़कों को साथ लेकर पशुबाड़े में पहुंचा ही था कि अमजद अपने साथी फरीद, साबिर उर्फ साबा पुत्र जिंदा, नफीस पुत्र जिंदा व अन्य 7-8 हथियारबंद युवकों के साथ वहां पर आया तथा उनके साथ मारपीट शुरू कर दी। आरोपियों ने ललकारते हुए उसे पकड़ लिया तथा फरीद ने उसके पेट में चाकू मार दिया जिससे वह गंभीर रूप से घायल हो गया। जब उसने बचाव में शोर मचाया तो दोनों फुफेरे भाइयों ने उसे संभाला। आरोपियों ने उसके दोनों भाइयों को भी बैल्टों व

मकान के सामने शराब बेच रहा शख्स काबू

पानीपत, 5 जनवरी (संजीव) : राजनगर गली नं. 2 में बिना लाइसेंस या परमिट लिए अवैध तौर पर अपने मकान के सामने शराब बेच रहे एक शख्स को पुलिस टीम ने गुप्त सूचना के आधार पर दबिश देते हुए काबू किया।

आठ मरला चौकी के सब-इंस्पेक्टर राम किशन व सिपाही सुभाष की एक टीम गश्त के दौरान शिव चौक राजनगर में मौजूद थी कि इसी दौरान गुप्त सूचना मिली कि राजनगर की गली नं. 2 में विपिन नामक शख्स अपने मकान के सामने अवैध तौर पर शराब बेच रहा है। यदि फौरन दबिश दी जाए तो उसे काफी मात्रा में अवैध शराब सहित पकड़ा जा सकता है। सूचना मिलते ही पुलिस टीम

हुई हैं। घटना घटित होने पर वर्तमान विधायक मौके पर पहुंचकर हाजिरी लगाकर लोगों को गुमराह करने का काम कर रहे हैं। विधायक हलके में न रह कर गुर्राम में ही सीमित रह गए हैं। विधायक ने चुनाव से पहले लोगों से वायदे किए कि विधायक नहीं भविष्य चुनं लेकिन विधायक ने हलके का भविष्य बर्बाद करने का काम किया। उन्होंने कहा कि घटना को लेकर वह बहुत ही आहत हैं व पोंडित परिवार के साथ हैं।

वहीं विधायक धर्म सिंह छौक्कर ने कहा कि वह बेबाक ईंसान हैं। विपक्ष होने के नाते भाजपा सरकार में जनता की सुरक्षा के लिए खड़े हैं और भविष्य में भी खड़े रहेंगे। नगरपालिका के निवर्तमान वाइस चेयरमैन सुनील शर्मां ने कहा कि पुलिस प्रशासन अपनी कार्रवाई में लगा हुआ है। जल्द ही आरोपी पुलिस गिरफ्त में होंगे। इसको लेकर उनका तीसंद संजय भाटिया से बात हुई है जिस पर उन्होंने जिला पुलिस अधीक्षक से बात कर शराब सहित अवैध आरोपियों को पकड़ने को कहा है।



हर वर्ष कालेजों से पासआऊट होने वाले विद्यार्थियों की संख्या

- आर्य कालेज से करीब 2000 विद्यार्थी।
- एस.डी. कालेज से करीब 1000-1200 विद्यार्थी।
- आई.बी. कालेज से 850-900।

सरकारी नौकरी की तरफ रुझान अधिक

सौरव लिखा ने बताया कि हर युवा चाहता है कि सरकारी या लिमिटेड नौकरी मिले, कोई भी युवा जल्द प्राइवेट नौकरी प्राप्त नहीं करना चाहता है इसलिए रोजगार केंद्र में केवल अपना पंजीकरण करवाने के पश्चात कोर्स आदि की ओर रुझान अधिक कर लेता है जबकि आई.टी. सेंक्टर गुड़गांव-दिल्ली जैसे शहरों में कंपनियां सरकारी नौकरी की तुलना में अधिक सैलरी दे रही हैं। वहीं जिले में भी बहुत-सी फर्मों और शोरूम भी हैं लेकिन युवाओं का ध्यान सरकारी नौकरी की ओर ही है, भले ही वह सरकारी डी.सी. रेट की मिल जाए जिसमें सीमित सैलरी समय से प्राप्त हो जाए।



लाइफ रजिस्टर में अभी तक करीब 36000 से अधिक युवाओं का पंजीयन हुआ है, हर वर्ष करीब 1000 युवक-युवतियां सरकारी एवं प्राइवेट नौकरी कर रहे हैं। वहीं जिन्हें अभी तक रोजगार प्राप्त नहीं हुआ है उन्हें केंद्र की ओर से भत्ता भी दिया जा रहा है।

—प्रदीप चोपड़ा, अधिकारी, रोजगार केंद्र पानीपत।

नि:शुल्क राशन देने की बजाय युवाओं को रोजगार दे सरकार

सुरेश नारंग ने कहा कि बेरोजगारी को बढ़ावा पैट्रोल व डीजल के बढ़ते दामों ने भी दिया है क्योंकि सभी की आवाजाही सहित माल सप्लाई भी पैट्रोल-डीजल से होनी है इसलिए सरकार जनता को नि:शुल्क राशन उपलब्ध करवाने की बजाय युवाओं को रोजगार उपलब्ध करवाए। साथ ही नि:शुल्क सुविधाएं देने की घोषणा करना बंद कर दे, केवल स्वास्थ्य सेवाओं का लाभ और पढ़ाई का लाभ देना नि:शुल्क कर दे तो कोई भी ईंसान भूखा नहीं मर सकता। भाजपा सरकार में पढ़ाई के तौर पर नौकरी उपलब्ध हो रही है जो कि सभी को प्राप्त नहीं हो पाती इसलिए युवाओं को अंत में प्राइवेट सेंक्टर में ही उतरना पड़ता है। सरकार का यह कार्य अच्छा है परंतु यदि विभागों में अधिकारी भी ईमानदारी से कार्य करें तो जनता को कोई परेशानी नहीं हो सकती।

नया साल मनाने की ‘चाहत’ ने पड़ोसी के घर में करवाई चोरी, आरोपी दबोचा

पानीपत, 5 जनवरी (संजीव): पड़ोसी के घर में घुसकर चोरी की वारदात को अंजाम देने वाले युवक को सी.आई.ए.-3 पुलिस टीम ने गुप्त सूचना के आधार पर धर दबोचा जब वह देवी मंदिर के पास गंदा नाला की पट्टी पर किसी अन्य वारदात को अंजाम देने की फिराक में घूम रहा था।

सी.आई.ए.-3 के प्रभारी इंस्पेक्टर अनिल छिल्लर ने बताया कि मंगलवार को सी.आई.ए.-3 पुलिस की एक टीम गश्त के दौरान जी.टी. रोड पर स्काई लार्क के पास मौजूद थी कि इसी दौरान टीम को गुप्त सूचना मिली कि देवी मंदिर के पास गंदे नाले की पट्टी पर संदिग्ध किस्म का एक युवक किसी आपराधिक वारदात को अंजाम देने की फिराक में घूम रहा है। पुलिस टीम ने तत्परता से कार्रवाई करते हुए तुरंत मौके पर दबिश देकर युवक को काबू कर गहनता से पृछताछ की तो उसने 31 दिसम्बर की रात हर सिंह कालोनी में पड़ोसी शिवम के घर से एक मोबाइल फोन व 9500 रुपए चोरी करे की वारदात को अंजाम देने बारे स्वीकार किया। पकड़े गए आरोपी की पहचान सागर उर्फ बबलू पुत्र अंग्रेज सिंह निवासी हरि सिंह कॉलोनी पानीपत के रूप में हुई। वारदात के संबंध में शिवम पुत्र मेहर



सिंह निवासी हरि सिंह कालोनी की शिकायत पर थाना तहसील कैम्प में मामला दर्ज है। शिवम ने थाना तहसील कैम्प पुलिस को दी शिकायत में बताया था कि वह 31 दिसम्बर की रात को अपने घर में सो रहा था। सोने से पहले उसने अपना मोबाइल फोन व 9500 रुपए की नकदी तर्किए के नीचे रख दी थी। सुबह जब उसकी नींद खुली तो मोबाइल फोन व नकदी चोरी हो चुकी थी जिन्हें

किसी अज्ञात चोर ने घर में घुसकर चोरी कर लिया है। वहीं गिरफ्तार आरोपी सागर से की गई पुलिस पृछताछ में खुलासा हुआ कि वह नए साल पर जश्न मनाना चाहता था लेकिन उसके पास पैसे नहीं थे। आरोपी रात के समय छत के रास्ते से पड़ोसी शिवम के घर में घुसा और वहां से पैसे व मोबाइल फोन चोरी कर लिया।

इंस्पेक्टर अनिल छिल्लर ने बताया कि चोरीशुदा उक्त मोबाइल फोन व बची 2000 रुपए की नकदी आरोपी सागर के कब्जे से बरामद कर उसको बुधवार के दिन अदालत में पेश किया गया। वहां से उसे न्यायिक हिरासत में जेल भेजा गया है।

कब्जा दिलाने गई टीम को कार्रवाई से रोका, 8 पर केस

पानीपत, 5 जनवरी (संजीव): गांव कवि में एक शख्स को मकान का कब्जा दिलाने गई प्रशासन की टीम को गांव के ही कुछ लोगों द्वारा रोकने का प्रयास किया गया जिस पर खंड विकास एवं पंचायत अधिकारी ने मामले की शिकायत पुलिस को दी है।

खंड विकास एवं पंचायत अधिकारी अशोक ने शिकायत में बताया कि जिलाधीश पानीपत के आदेशानुसार उनको ड्यूटी मैजिस्ट्रेट नियुक्त करते हुए बुधवार को गांव कवि में आदित्या ढांडा पुत्र राजेश

कुमार का मकान का कब्जा दिलवाने के लिए भारी पुलिस बल व महिला पुलिस के साथ भेजा गया था। जब वह अपनी टीम के साथ मौके पर पहुंचे तथा कार्रवाई शुरू की तो इसी दौरान सख्त पुत्र रामदिथा, महेन्द्र पुत्र कर्म सिंह, सुभाष पुत्र कर्म सिंह, पवन पुत्र महेन्द्र सिंह, सन्नी पुत्र सुभाष, प्रमिला पत्नी सुभाष, कृष्णा पत्नी महेन्द्र व फूलपति उर्फ फूली पत्नी कर्म सिंह द्वारा सरकारी काम में बाधा डाली गई। पुलिस ने थाने में केस दर्ज करके आरोपियों के खिलाफ जांच शुरू कर दी है।

2 दुकानदार भाइयों पर तानी पिस्तौल, 50000 की नकदी लूटी

पानीपत, 5 जनवरी (संजीव): बीती देर रात शाम हथियारबंद बदमाशों ने जाटल रोड पर गंदे नाले के पास स्थित एक करियाने की दुकान पर पहुंचकर हथियारों की नोक पर 50 हजार की नकदी लूट ली। पीड़ित दुकानदार की शिकायत पर थाने में मामला दर्ज करके बुधवार को भी बृंदाबादी के बीच पुलिस की टीम में क्षेत्र में लगे सी.सी.टी.वी. कैमरों को खंगालने में जुटी रहीं।

जाटल रोड पर गंदे नाले के नजदीक जय करियाना स्टोर है। दुकान के मालिक मुकेश (50) पुत्र जय भागवान ने पुलिस को बताया कि मंगलवार की रात को करीब साढ़े 9 बजे वह और उसका भाई विनोद दुकान पर मौजूद थे कि इसी दौरान 4 युवक आए जिनमें से 3 युवकों के हाथों में पिस्तौल तथा एक युवक के हाथ में चाकू था। चारों में से 3 बदमाशों ने मास्क लगा रखा था जबकि चौथाक हैल्मेट पहने हुए था। उनकी उम्र 25-



सी.सी.टी.वी. फुटेज में लूट की वारदात को अंजाम देते दिख रहे बदमाश। (सुखजिंद)

30 साल के बीच थी। इससे पहले कि वह कुछ समझ पाते चारों युवकों ने दुकान पर आकर पिस्तौल व चाकू तान दिया तथा सारा कैश उनके हवाले करने के लिए कहा। बाद में 3 बदमाशों ने उन पर हथियार ताने रखे जबकि चौथे ने गल्ले में रखे दिनेश्वर की सेल

के करीब 50 हजार रुपए निकाल लिए तथा बाइक पर बैठकर वहां से फरार हो गए। थाना प्रभारी इंस्पेक्टर कमलजीत ने बताया कि बदमाशों की सर्रापों से तलाश की जा रही है। जल्द ही बदमाशों को गिरफ्तार करके सारी राशि बरामद कर ली जाएगी।



ग्रासिम इंडस्ट्रीज लिमिटेड

नॉट नं. 48 से 62, पें एंकोकृत पें निर्माण इकाई, एचएसआईआईडीसी औद्योगिक एस्टेट पानीपत, ग्राम ददलाना, तहसील और जिला पानीपत, राज्य हरियाणा।

नॉट संख्या 48 से 62 एचएसआईआईडीसी औद्योगिक एस्टेट पानीपत, ग्राम ददलाना, तहसील पानीपत, राज्य हरियाणा पें एंकोकृत पें निर्माण इकाई के लिए राज्य स्तरीय पर्यावरण प्रभाव आकलन प्राधिकरण (SEIAA), हरियाणा द्वारा पर्यावरण मंजूरी की सूचना।

सूचना द्वारा सभी संबंधित और आम जनता को सूचित किया जाता है कि प्लांट नं. 3 से 62, एचएसआईआईडीसी औद्योगिक एस्टेट पानीपत, ग्राम ददलाना, तहसील पानीपत, जिला पानीपत, राज्य हरियाणा को राज्य स्तरीय पर्यावरण प्रभाव आकलन प्राधिकरण, हरियाणा से पर्यावरण मंजूरी के पत्र EC21B023HR110104 दिनांक 31 दिसंबर 2021 के माध्यम से मंजूरी दी गई है। उक्त निकासी पत्र की प्रति सौत के अगमित कार्यालय और राज्य स्तरीय पर्यावरण प्रभाव आकलन प्राधिकरण (SEIAA), हरियाणा के कार्यालय में उपलब्ध है और इसे MoEF & CC की वेबसाइट यानी <http://enviroclearance.nic.in> पर भी देखा जा सकता है।

slam Punjab govt, Chugh Sidhu dancing to ISI tune

is sad that the PM's visit to launch development projects worth thousands of crores for Punjab was disrupted. But we will not let such cheap mentality hinder progress of Punjab and will continue our efforts for development

JP Nadda | BJP
NATIONAL PRESIDENT

'Very sad day' for democracy

BJP Punjab chief Ashwani Sharma on Wednesday accused Punjab chief minister Charanjit Singh Channi and his government of creating a grave situation and participating in a "breach of security" of the PM on his visit to Punjab. Sharma said the Prime Minister's convoy was stopped for 20 minutes on a bridge when he was travelling from Bhatinda. "It is a total failure and collapse of the state government," he said. He added the protocol and responsibility of providing a secure route to the PM was ignored. Union minister of state Meenakshi Lekhi dubbed the incident as a "very sad chapter" in the history of democracy and electoral politics.

responsibility of the government to maintain law and order for the Prime Minister's visit to Punjab is a matter of shame to-

day, said the BJP leader. He said the Prime Minister had been always thinking of the welfare of farmers and it was with due respect to them that he decided to repeal the agri-

culture laws. "But Channi and Sidhu are dancing to the tune of Pakistan ISI. Time has come for Punjab to wake up to nefarious designs of the two," claimed Chugh. TNN

Very unfortunate: SAD (S)

Chandigarh: SAD (Sanyukt) president Sukhdev Singh Dhindsa said the breach in Prime Minister Narendra Modi's security not only exposed the law and order situation in Punjab but also highlighted the incompetence of Charanjit Singh Channi-led government in the state. TNN

केनरा के
प्रभुत्व का अंकन

Reco

SALE
UNDER RU

(wi

Notice is hereby given to all financial Assets and Enforced conditions. E-auction arrangements of the sale please

Sl. No.	Branch Name / Name of the Borrower(s)
---------	---------------------------------------

1.	Canara Bank, Branch, Smt. Authoriz (Chief Manager) E-mail: cb6819@
----	--

Borrowers:- (1)
Chemicals through
Kumar Lekhi S/o
Street No. 4, Upper
Ludhiana; (4) S

OTHER TERMS AND CONDITIONS
encumbrances if any, deeds/documents, records relating to etc. before submitting through "Online E" taking part in the e-authorized Officer

Grasim Industries Limited

Integrated Paint Manufacturing Unit at Plot no. 48 to 62, HSIIDC Industrial Estate Panipat, Village Dadlana, Tehsil & District Panipat, State Haryana

NOTICE OF ENVIRONMENTAL CLEARANCE BY SEIAA, HARYANA FOR INTEGRATED PAINT MANUFACTURING UNIT IN PLOT NO. 48 TO 62, HSIIDC INDUSTRIAL ESTATE PANIPAT, VILLAGE DADLANA, TEHSIL & DISTRICT PANIPAT, STATE HARYANA

Notice is hereby given, to all concerned & public at large, that the Integrated Paint Manufacturing Unit at Plot no. 48 to 62, HSIIDC Industrial Estate Panipat, Village Dadlana, Tehsil & District Panipat, State Haryana been accorded Environmental Clearance from State Level Environment Impact Assessment Authority, Haryana vide its letter of clearance no. EC21B023HR110104 dated 31st December 2021. 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), Haryana, and may also be seen at the website of the MoEF&CC i.e. <http://environmentclearance.nic.in>.



NATIONAL HEALTH MISSION, CHANDIGARH HEALTH & FAMILY WELFARE DEPARTMENT, CHANDIGARH



Walk-in-interview for filling up the posts of Epidemiologist & Consultant Training under IDSP on



Date: 05.01.2022

To,
Estate Manager,
HSI IDC Office,
Industrial Estate, HSI IDC, Panipat, Haryana

Subject: Submitting Environmental Clearance Copy of Integrated Paint Manufacturing Unit in Plot No. 48 to 62 (both plots inclusive), HSI IDC Industrial Estate Panipat, Village Dadlana, Tehsil and Dist. Panipat, State Haryana.

Reference: Environmental Clearance (EC Identification No. EC21B023HR110104 dated 31.12.2021)

Dear Sir,

We, M/s. Grasm Industries Limited, are planning for setting up Integrated Paint Manufacturing Unit in Plot No. 48 to 62 (both plots inclusive), HSI IDC Industrial Estate Panipat, Village Dadlana, Tehsil and Dist. Panipat, State Haryana.

We have received the Environment Clearance copy from State Level Environment Impact Assessment Authority (SEIAA), Haryana vide its letter of clearance no. EC21B023HR110104 dated 31st December 2021.

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,

Kalimuddin,
AVP-Projects
Site Head

CC to: Sr. Manager- Engineering, IE HSI IDC, Panipat

Grasm 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: grasm.cfd@adityabirla.com | W: www.grasm.com | CIN: L17124MP1947PLC000410

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



Date: 05.01.2022

To,
Gram Panchayat,
Vill-Dadlana, Block Panipat,
Panipat, Haryana

Subject: Submitting Environmental Clearance Copy of Integrated Paint Manufacturing Unit in Plot No. 48 to 62 (both plots inclusive), HSIIDC Industrial Estate Panipat, Village Dadlana, Tehsil and Dist. Panipat, State Haryana.

Reference: Environmental Clearance (EC Identification No. EC21B023HR110104 dated 31.12.2021)

Dear Sir,

We, M/s. Grasim Industries Limited, are planning for setting up Integrated Paint Manufacturing Unit in Plot No. 48 to 62 (both plots inclusive), HSIIDC Industrial Estate Panipat, Village Dadlana, Tehsil and Dist. Panipat, State Haryana.

We have received the Environment Clearance copy from State Level Environment Impact Assessment Authority (SIEAA), Haryana vide its letter of clearance no. EC21B023HR110104 dated 31st December 2021.

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.

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We request you to kindly consider the same.

Yours Faithfully,

Kalimuddin,
AVP-Projects
Site Head

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.cfd@adityabirla.com | W: www.grasim.com | CIN: L17124MP1947PLC000410

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

Date- 29/09/2025

To,
The Regional Officer,
Haryana State Pollution Control Board,
SCO-55, Sec.25, HUDA, Panipat, Haryana

Subject: Submission of Environmental Statement (Form-V) for the FY'24-25.

Dear Sir,

We, M/s. Grasim Industries Limited (Birla Paints Division) as Integrated Paint Manufacturing Unit in Plot No. 48 to 62, HSIIDC Industrial Estate Panipat, Village Dadlana, Tehsil and Dist. Panipat, State Haryana. We have received the Consent to Operate (CTO) on dated - 10th Oct'23.

With reference to the above-mentioned subject, please find enclosed herewith Environmental Statement (Form-V) for the FY'24-25.

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

Thanking You,

Yours Faithfully,



Grasim Industries Limited (Birla Paints Division)

Site Address: Plot No. 48 - 62, HSIIDC Industrial Area, Refinery Road, Panipat - 132140, Haryana.

Head Office: 9th Floor, Birla Centurion, Pandurang Budhkar Marg, Worli, Mumbai-400 030 India

T: +91 22 6854 0444

Registered Office: PO Birlagram, Nagda, Dist Ujjain, Madhya Pradesh - 456 331, India

T: +91 (07366) 246760 - 66 | W: www.grasim.com | CIN: L17124MP1947PLC000410

27.11.2025

To,
The Regional Officer,
Haryana State Pollution Control Board,
SCO-55, Sec.25, HUDA, Panipat, Haryana

Subject: Submission of Letter for Commencement of Project completion and start of Commercial Production.

Ref: CTO No: HSPCB/Consent/: 313096423PITCTO38848882, dated: 10th October'23

Dear Sir,

We, M/s. Grasim Industries Limited (Birla Paints Division) as Integrated Paint Manufacturing Unit at Plot No. 48 to 62, HSIIDC Industrial Estate Panipat, Village Dadlana, Tehsil and Dist. Panipat, State Haryana. We have received the Consent to Operate (CTO) on dated - 10th October'23.

Referring to Environmental Conditions (EC) "The project proponent shall inform the Regional Office as well as the Ministry, 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 to inform you that the Company's paint plant located at Panipat has completed the project and commenced commercial production on dt. 30th April 2024, as per the details below:

Plant Location	State	Installed Capacity (Million Liters Per Annum)
Panipat	Haryana	230

This plant will manufacture different categories of Paints [viz. Water based Paint, Distemper, Solvent based Paint].

The above is for your information and record.



Authorized Signatory

Grasim Industries Limited (Birla Paints Division)

Site Address: Plot No. 48 - 62, HSIIDC Industrial Area, Refinery Road, Panipat - 132140, Haryana.

Head Office: 9th Floor, Birla Centurion, Pandurang Budhkar Marg, Worli, Mumbai-400 030 India

T: +91 22 6854 0444

Registered Office: PO Birlagram, Nagda, Dist Ujjain, Madhya Pradesh - 456 331, India
T: +91 (07366) 246760 - 66 | W: www.grasim.com | CIN: L17124MP1947PLC000410

Sunil Kumar

From: RTDMS Connectivity <rtdmsapproval1.cpcb@gov.in>
Sent: 03 April 2025 17:30
To: Saurabh Singh
Cc: Anurag Sharma; mahmad.eie@gmail.com; fapLhelp@gmail.com; d.verma2004@gmail.com; b.mehra@envirozoneindia.com; Amrish Kailash Sharma; Sunil Kumar; KRISHAN DEV; Archit Uprit
Subject: Re: Approval Request-New Unit Connectivity-Others-Paint- M/s. Grasim Industries Limited Panipat
Attachments: 14.02.2025 Grasim Industries Panipat_OCEMS_Connectivity_Sheet .xlsx

Sir/Ma'am,

PFA provisional connectivity sheet of **M/s Grasim Industries Limited**, Haryana. The connectivity is provisional but subjected to Future review of measurement principles used in the device and/or device capability, by any CPCB Division, and any corrective action including direction for replacement of these devices if found unsuitable.

Note: The unit/Station has been integrated with RTDMS Portal, kindly update the industry code in CPCB Registration portal.

Thanks & Regards

IT Division
Central Pollution Control Board
Delhi

----- On Mon, 24 Mar 2025 17:18:06 +0530 **Saurabh Singh** <Saurabh.R.Singh@adityabirla.com> wrote -----

Dear Sir/Ma'am,

Please find the documents attached for the new connectivity of the M/s. Grasim Industries Limited Panipat-Reg. site for your kind perusal, kindly request approval in this regard.

Regards,
Saurabh
Site Head- Grasim Industries Ltd
Panipat Unit
Haryana

The information contained in this electronic communication is intended solely for the individual(s) or entity to which it is addressed. It may contain proprietary, confidential and/or legally privileged information. Any review, retransmission, dissemination, printing, copying or other use of, or taking any action in reliance on the contents of this information by person(s) or entities other than the intended recipient is strictly prohibited and may be unlawful. If you have received this communication in error, please notify us by responding to this email or telephone and immediately

16.12.2024

To,
The Regional Officer,
Haryana State Pollution Control Board,
SCO-55, Sec.25, HUDA, Panipat, Haryana

Subject: Request for integration of our online monitoring system on HSPCB OCEMS portal

Dear Sir,

We, M/s. Grasim Industries Limited (Birla Paints Division) as Integrated Paint Manufacturing Unit in Plot No. 48 to 62, HSIIDC Industrial Estate Panipat, Village Dadlana, Tehsil and Dist. Panipat, State Haryana. We have received the Consent to operate (CTO No: HSPCB/Consent/: 313096423PITCTO38848882) on dated - 10th October'23.

This is to bring to your notice that we have installed the OCEMS analyzer at our ETP station. Our data was transferred through EIEPL (Envirozone Instruments & Equipment Pvt Ltd) to HSPCB. Hence, we request your Approval for connectivity through New Vendor Envirozone Instruments & Equipments PVT Ltd. Vendor Details are mentioned below.

Vendor Name: - Envirozone Instruments and Equipment Pvt Ltd, 704, Tower 7, Panchsheel Primrose opp. Govindpuram Ghaziabad.

Nickname: - EIEPL

Vendor User Id: HRVEEI



Grasim Industries Limited
(Birla Paints Division)

Site Address: Plot No. 48 - 62, HSIIDC Industrial Area, Refinery Road, Panipat - 132140, Haryana.

Website : www.adityabirla.com

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

Annexures are attached:

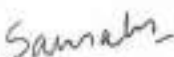
1. OMD Letter
2. Meta Data.
3. CTO

We request you to accept the same

Thanking You.

Yours Faithfully,

For Grasim Industries Ltd.


Authorised Signatory

Saurabh Singh

Site Head

Grasim Industries Limited
(Birla Paints Division)

Site Address: Plot No. 48 - 62, HSIIDC Industrial Area, Refinery Road, Panipat - 132140, Haryana.

Website : www.adityabirla.com

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



CITRO LABS PRIVATE LIMITED

(Formerly Centre for Industrial Testing & Research Organization)

A Govt. Approved Testing Laboratory

Opp. Ind-Swift Factory, Jawaharpur Industrial Area, Derabassi, Distt. SAS Nagar, Punjab-140507

+91-8528969439, +91-9815094327 info@citrolab.com www.citrolab.com



TC-15331

TEST REPORT

Page 01 of 01

Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Paints Division) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.	Report No.	CITRO/QC/290925/377
	Issue date	06-10-2025
	NABL ULR No.	TC1533125000002688 F
	Registration no. for Grasim Industries	25-09-77
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receipt Date: 29-09-2025 Analysis Start Date: 29-09-2025 Analysis Completion Date: 06-10-2025		

A. Particulars of the Sample:

Name of Sample	Noise DG Set (2000 kVA)	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution

General Information

- | | |
|---|---------------------------------|
| 1. Date of Monitoring | : 27-09-2025 |
| 2. Time of Monitoring | : 12:30 hrs |
| 3. Purpose of Monitoring | : For Self-Monitoring |
| 4. Source of Noise Pollution Monitored | : DG Noise GG Set -2 (2000 KVA) |
| a. Engine Sr. No. | : 2217709 |
| b. Make | : Caterpillar |
| c. Date of mfg. of DG set | : 08/2023 |
| d. Date of Installation | : 25-04-2025 |
| e. Type Approval No. | : 1010803 |
| 5. Pollution Control Device (if any) | : Acoustic Enclosure |
| 6. Stack Height from Ground level to top, m | : 30 |
| 7. Stack Height above roof Level, m | : NA |
| 8. Location of Noise Generating Source | : Ground Floor |
- (Top Floor, Ground Floor)

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirement	Test Results
1	Open Door at 0.5 meter away from Acoustic Enclosure, dB(A)	IS/ISO 8528 (Part 10)	-	100.8
2	Closed Door at 0.5 meter away from Acoustic Enclosure, dB(A)	IS/ISO 8528 (Part 10)	-	75.6
3	Insertion Loss	IS/ISO 8528 (Part 10)	Min.25.0	25.2

C. Supplementary Information:

1.	Reference to Sampling Procedure	CITRO/QC/SOP/026
2.	Supporting Documents for the Measurements Taken and Results Derived Like: Graphs/Tables/Sketches/Photographs as Appropriate to the Test Report (if any)	NA
3.	Addition to, Deviations, or Exclusions from the Relevant Test Method/Work Instructions (if any)	NA

D. Remarks: NA- Not Applicable, Requirements as per EPA Act 1986 PCLS/2021, Sampling done by lab

Kumari Aparna

(Reviewed By)

End of Test Report



Gaurav Goyal
Technical Head
(Authorized Signatory)

This test report has been at your request and test results pertain to the tested sample as received. Samples not drawn by lab unless otherwise stated. Test reports in full or parts shall not be used for promotional or publicity purpose. Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report. Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory. The sample will be destroyed after retention time unless otherwise specified specially. Endorsement of the product tested by the laboratory is neither inferred or implied. Report shall not be reproduced except in full without approval of the laboratory. All disputes are subject to exclusive Jurisdiction of Derabassi court only.

TEST REPORT

Page 01 of 01

Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Paints Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.	Report No.		CITRO/QC/290925/382 (1)		
	Issue date		06-10-2025		
	NABL ULR No.		TC1533125000002693 F		
	Registration no. for Grasim Industries		25-09-77		
	Customer Ref. & Date		WO No. 4900188734 & 17-04-2025		
Sample Receiving Date:	29-09-2025	Analysis Start Date	29-09-2025	Analysis Completion Date	06-10-2025

A. Particulars of the Sample

Name of Sample	Stack Emission of Boiler	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble, 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene pouch & Vials

General Information

- | | |
|---------------------------------------|------------------------------------|
| 1. Name of Emission Source monitored | : Stack Emission of Boiler-3 |
| a. Rated Capacity | : 2 TPH |
| b. Capacity on Sampling day | : 86 % |
| c. Type of Fuel used | : PNG |
| d. Normal operating Schedule | : As Required |
| 2. Stack Identification | : Stack attached to Boiler (2 TPH) |
| 3. Type of Stack/Duct (RCC/Metal) | : Metal |
| 4. Stack Height from ground Level (m) | : 30 |
| 5. Diameter of the Stack (cm) | : 80 |
| 6. Sampling Duration (minutes) | : 62 |
| 7. Purpose of Monitoring | : For Self Monitoring. |
| 8. Air pollution Control Measure | : Not Exist |
| a. Status | : - |
| b. Recovery of Material | : - |
| 9. Fugitive Emission, if any | : Nil |
| 10. Sample Condition | : Good |

Observations

- | | |
|---|---------|
| 1. Flue Gas Temperature, °C, Avg. | : 119 |
| 2. Flue Gas Velocity(m/s), Avg. | : 11.20 |
| 3. Volumetric Flow Rate (Nm ³ /hr) | : 14994 |
| 4. Ambient Air Temperature, °C | : 33 |

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirement	Test Results
1	Particulate Matter, (mg/Nm ³)	IS: 11255 (P-1)	80 Max.	22
2	Oxides of Nitrogen (NO _x), (mg/Nm ³)	IS: 11255 (P-7)	Not Specified	55
3	Sulphur Dioxide as (SO ₂), (mg/Nm ³)	IS: 11255 (P-2)	Not Specified	BLQ(LOQ:2.0)
4	Carbon Monoxide (CO), (%v/v)	IS: 13270	1.0 max.	BLQ(LOQ:0.1)
5	Carbon Dioxide (CO ₂), (%v/v)	IS: 13270	Not Specified	<0.2
6	Oxygen (O) (%v/v)	IS: 13270	Not Specified	19.8

CITRO LABS Private Limited, Derabassi, Distt. SAS Nagar, Punjab-140507. Date of Monitoring: 27-09-2025. Sampling done by lab. BLQ: Below Limit of Quantification, LOQ: Limit of Quantification.

End of Test Report

Kumari Aparna
(Reviewed By)

Aparna
06-10-2025



Gaurav Goyal
Technical Head
(Authorized Signatory)

Gaurav
06-10-2025

This test report has been at your request and test results pertain to the sample as received. Samples not drawn by lab unless otherwise stated. Test reports in full or parts shall not be used for promotional or publicity purpose. Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report. Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory. The sample will be destroyed after retention time unless otherwise specified specially. Endorsement of the product tested by the laboratory is neither inferred or implied. Report shall not be reproduced except in full without approval of the laboratory. All disputes are subject to exclusive Jurisdiction of Derabassi court only.



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Opp. Ind-Swift Factory, Jawaharpur Industrial Area, Derabassi, Distt. SAS Nagar, Punjab-140507

+91-8528966439, +91-9815094327 info@citrolab.com www.citrolab.com

TEST REPORT

Page 01 of 01

Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Paints Division) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.	Report No.	CITRO/QC/290925/382 (2)
	Issue date	06-10-2025
	Registration no. for Grasim Industries	25-09-77
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 29-09-2025		Analysis Start Date: 29-09-2025
		Analysis Completion Date: 06-10-2025

A. Particulars of the Sample:

Name of Sample	Stack Emission of Boiler	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble, 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene pouch & Vials

General Information

- | | |
|---------------------------------------|------------------------------------|
| 1. Name of Emission Source monitored | : Stack Emission of Boiler-3 |
| a. Rated Capacity | : 2 TPH |
| b. Capacity on Sampling day | : 86 % |
| c. Type of Fuel used | : PNG |
| d. Normal operating Schedule | : As Required |
| 2. Stack Identification | : Stack attached to Boiler (2 TPH) |
| 3. Type of Stack/Duct (RCC/Metal) | : Metal |
| 4. Stack Height from ground Level (m) | : 30 |
| 5. Diameter of the Stack (cm) | : 80 |
| 6. Sampling Duration (minutes) | : 62 |
| 7. Purpose of Monitoring | : For Self Monitoring. |
| 8. Air pollution Control Measure | : Not Exist |
| a. Status | : - |
| b. Recovery of Material | : - |
| 9. Fugitive Emission, if any | : Nil |
| 10. Sample Condition | : Good |

Observations

- | | |
|---|---------|
| 1. Flue Gas Temperature, °C, Avg. | : 119 |
| 2. Flue Gas Velocity(m/s), Avg. | : 11.20 |
| 3. Volumetric Flow Rate (Nm ³ /hr) | : 14994 |
| 4. Ambient Air Temperature, °C | : 33 |

B. Test Results

Sr. No.	Test Parameter	Test Method	Standards	Test Results
1	Non Methane Hydrocarbon (mg/Nm ³)	IS: 13270	Not Specified	11

C. Remarks: NA:-Not Applicable, Standards as per EPA 1986 PCLS/02/2021, Sampling Procedure - CITRO/QC/SOP/026. Date of Monitoring: 27-09-2025, Sampling done by lab.

End of Test Report

Kumari Aparna

(Reviewed By)

Aparna
06-10-2025



Gaurav Goyal
Technical Head
(Authorized Signatory)

Gaurav Goyal
06-10-2025

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TEST REPORT

Page 01 of 01

Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Paints Division) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.	Report No.	CITRO/QC/290925/385 (2)
	Issue date	06-10-2025
	Registration no. for Grasim Industries	25-09-77
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 29-09-2025		Analysis Start Date: 29-09-2025
		Analysis Completion Date: 06-10-2025

A. Particulars of the Sample:

Name of Sample	Stack Thermopack - 3 (20 Lac Kcal)	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble, 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene Pouch & Vials

General Information

- Name of Emission Source monitored : Stack Emission of Thermopack-3
- a. Rated Capacity : 20 Lac Kcal
- b. Capacity on Sampling day : 87%
- c. Type of Fuel used & its Consumption : PNG
- d. Normal operating Schedule : As Required
2. Stack Identification : Stack attached to Thermopack (20 Lac Kcal)
3. Type of Stack/Duct (RCC/Metal) : Metal
4. Stack Height from ground Level (m) : 30.48
5. Diameter of the Stack (cm) : 80
6. Sampling Duration (minutes) : 64
7. Purpose of Monitoring : For Self monitoring.
8. Air pollution Control Measure : Not Exist
- a. Status : -
- b. Recovery of Material : -
9. Fugitive Emission, if any : Nil
10. Sample Condition : Good

Observations:

1. Flue Gas Temperature, °C, Avg. : 141
2. Flue Gas Velocity (m/s), Avg. : 11.51
3. Volumetric Flow Rate (Nm³/hr) : 14590
4. Ambient Air Temperature, °C : 33

B. Test Results:

Sr. No.	Test Parameter	Test Method	Standards	Test Results
1	Non Methane Hydrocarbon (mg/Nm ³)	IS: 13270	Not Specified	9

C. Remarks: NA:-Not Applicable, Standards as per EPA 1986 PCLS/02/2021, Sampling Procedure - CITRO/QC/SOP/026. Date of Monitoring: 27-09-2025, Sampling done by lab.

End of Test Report

Kumari Apama

(Reviewed By)

Shauq
06-10-2025

Gourav Goyal
Technical Head
(Authorized Signatory)

hars
06-10-2025



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TEST REPORT

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Paints Division) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.	Report No.	CITRO/QC/230825/243 (1)
	Issue date	29-08-2025
	NABL ULR No.	TC1533125000002299 F
	Registration no. for Grasim Industries	25-08-115
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 23-08-2025		Analysis Start Date: 23-08-2025
		Analysis Completion Date: 29-08-2025

A. Particulars of the Sample:

Name of Sample	Stack Gas Genset-2 (2000 kVA)	Testing as Per	EPA -1986, PCLS-02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble, 30ml (SO ₂), 25 ml (NO _x)	Packing Mode	Packed in Polythene Pouch & Vials

General Information

- Name of Emission Source monitored : Stack Emission of GG Set-2
 - Rated Capacity : 2000 kVA
 - Capacity on Sampling day : 85%
 - Type of Fuel used & its Consumption : PNG
 - Normal operating Schedule : As Required
- Stack Identification : Stack attached to GG Set-2 (2000 KVA)
- Type of Stack/Duct (RCC/Metal) : Metal
- Stack Height from ground Level (m) : 30
- Diameter of the Stack (cm) : 15.24
- Sampling Duration (minutes) : 74
- Purpose of Monitoring : For Monitoring.
- Air pollution Control Measure : Not Exist
 - Status : -
 - Recovery of Material : -
- Fugitive Emission, if any : Nil
- Sample Condition : Good

Observations:

- Flue Gas Temperature, °C, Avg. : 318
- Flue Gas Velocity(m/s), Avg. : 14.17
- Volumetric Flow Rate (Nm³/hr) : 456.6
- Ambient Air Temperature, °C : 33

B. Test Results:

Sr. No.	Test Parameter	Test Method	Standards	Test Results
1	Particulate Matter (mg/Nm ³)	IS: 11255 (P-1)	75 Max.	20
2	Sulphur Dioxide as SO ₂ (mg/Nm ³)	IS: 11255 (P-2)	Not Specified	BLQ(LOQ: 2.0)
3	Oxides of Nitrogen as NO _x (ppmv)	IS: 11255 (P-7)	710 Max.	28
4	Carbon Monoxide CO (mg/Nm ³)	IS: 13270	150 Max.	BLQ(LOQ: 1.14)
5	Carbon Dioxide CO ₂ (%v/v)	IS: 13270	Not Specified	<0.2
6	Oxygen O ₂ (%v/v)	IS: 13270	Not Specified	19.6

C. Remarks: N/A. Note: Typically, Samples as per EPA 1986, PCLS-02/2021. Method: Gravimetric - CITRO/MS-001, Date of Monitoring: 23-08-2025, Sampling time: 14h, 15h, 16h, 17h, 18h, 19h, 20h, 21h, 22h, 23h, 24h. Entry time of : 29-08-2025

Kumar Ajay

(Reviewed By)

Signature
29-08-2025



Gaurav Goyal
Technical Head

(Authorized Signatory)

Signature
29-08-2025

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ISSUED TO: M/s Grasim Industries Limited (Birla Opus Paints Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.			Report No.		CITRO/QC/230825/245 (1)			
			Issue date		29-08-2025			
			NABL ULR No.		TC1533125000002301 F			
			Registration no. for Grasim Industries		25-08-115			
			Customer Ref. & Date		WO No. 4900188734 & 17-04-2025			
Sample Receiving Date:		23-08-2025	Analysis Start Date		23-08-2025	Analysis Completion Date		29-08-2025

A. Particulars of the Sample

Name of Sample	Stack Emission of Boiler	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble, 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene pouch & Vials

General Information

- | | |
|--|----------------------------------|
| 1. Name of Emission Source monitored | Stack Emission of Boiler-1 |
| a. Rated Capacity | 2 TPH |
| b. Capacity on Sampling day | 85 % |
| c. Type of Fuel used & its Consumption | PNG |
| d. Normal operating Schedule | As Required |
| 2. Stack Identification | Stack attached to Boiler (2 TPH) |
| 3. Type of Stack/Duct (RCC/Metal) | Metal |
| 4. Stack Height from ground Level (m) | 30 |
| 5. Diameter of the Stack (cm) | 80 |
| 6. Sampling Duration (minutes) | 62 |
| 7. Purpose of Monitoring | For Monitoring. |
| 8. Air pollution Control Measure | Not Exist |
| a. Status | - |
| b. Recovery of Material | - |
| 9. Fugitive Emission, if any | Nil |
| 10. Sample Condition | Good |

Observations

- | | |
|---|---------|
| 1. Flue Gas Temperature, °C, Avg. | 116 |
| 2. Flue Gas Velocity(m/s), Avg. | 11.16 |
| 3. Volumetric Flow Rate (Nm ³ /hr) | 15055.7 |
| 4. Ambient Air Temperature, °C | 33 |

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirement	Test Results
1	Particulate Matter, (mg/Nm ³)	IS: 11255 (P-1)	80 Max.	24
2	Oxides of Nitrogen (NO _x), (mg/Nm ³)	IS: 11255 (P-7)	Not Specified	50
3	Sulphur Dioxide as (SO ₂), (mg/Nm ³)	IS: 11255 (P-2)	Not Specified	BLQ (LOQ 2.0)
4	Carbon Monoxide (CO), (%v/v)	IS: 13270	1.0 max.	BLQ (LOQ 0.1)
5	Carbon Dioxide (CO ₂), (%v/v)	IS: 13270	Not Specified	<0.2
6	Oxygen (O ₂), (%v/v)	IS: 13270	Not Specified	19.4

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Kumari Aparna

(Reviewed By)

Signature
29-08-2025

End of Test Report



Gaurav Goyal
Technical Head
(Authorized Signatory)

Signature
29-08-2025

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Format No. : CITRO/QSF/0716

ISSUED TO:	Report No.	CITRO/QC/230825/246 (2)
M/s Grasim Industries Limited	Issue date	29-08-2025
(Birla Opus Paints Divison)	Registration no. for	25-08-115
Plot No 48 to 62, Industrial Estate, HSIDC	Grasim Industries	
Refinery Road, Panipat, Haryana- 132140.	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 23-08-2025	Analysis Start Date: 23-08-2025	Analysis Completion Date: 29-08-2025

A. Particulars of the Sample:

Name of Sample	Stack Emission of Boiler	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble, 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene pouch & Vials

General Information

- | | |
|--|------------------------------------|
| 1. Name of Emission Source monitored | : Stack Emission of Boiler-2 |
| a. Rated Capacity | : 2 TPH |
| b. Capacity on Sampling day | : 85 % |
| c. Type of Fuel used & its Consumption | : PNG |
| d. Normal operating Schedule | : As Required |
| 2. Stack Identification | : Stack attached to Boiler (2 TPH) |
| 3. Type of Stack/Duct (RCC/Metal) | : Metal |
| 4. Stack Height from ground Level (m) | : 30 |
| 5. Diameter of the Stack (cm) | : 80 |
| 6. Sampling Duration (minutes) | : 61 |
| 7. Purpose of Monitoring | : For Monitoring. |
| 8. Air pollution Control Measure | : Not Exist |
| e. Status | : - |
| f. Recovery of Material | : - |
| 9. Fugitive Emission, if any | : Nil |
| 10. Sample Condition | : Good |

Observations

- | | |
|---|---------|
| 1. Flue Gas Temperature, °C, Avg. | : 113 |
| 2. Flue Gas Velocity (m/s), Avg. | : 11.25 |
| 3. Volumetric Flow Rate (Nm ³ /hr) | : 15295 |
| 4. Ambient Air Temperature, °C | : 33 |

B. Test Results:

Sr. No.	Test Parameter	Test Method	Standards	Test Results
1	Non Methane Hydrocarbon (mg/Nm ³)	IS: 13270	Not Specified	8

C. Remarks: NA:-Not Applicable, Standards as per EPA 1986 PCLS/02/2021, Sampling Procedure – CITRO/QC/SOP/026. Date of Monitoring: 22-08-2025, Sampling done by lab.

End of Test Report

Kumari Aparna
(Reviewed By)

Aparna
29-08-2025

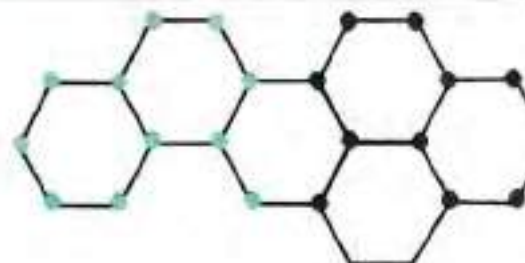


Gaurav Goyal
Technical Head
(Authorized Signatory)

Gaurav
29-08-2025

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Format No.: CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Paints Divison) Plot No-48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.	Report No.	CITRO/QC/230825/249 (1)
	Issue date	29-08-2025
	NABL ULR No.	TC1533125000002305 F
	Registration no. for Grasim Industries	25-08-115
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 23-08-2025	Analysis Start Date: 23-08-2025	Analysis Completion Date: 29-08-2025

A.Particulars of the Sample:

Name of Sample	Stack Thermopack – 2(20 Lac Kcal)	Testing as Per	EPA -1986, PCL/S02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble, 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene Pouch & Vials

General Information

- | | |
|--|--|
| 1. Name of Emission Source monitored | : Stack Emission of Thermopack |
| a. Rated Capacity | : 20 Lac Kcal |
| b. Capacity on Sampling day | : 85% |
| c. Type of Fuel used & its Consumption | : PNG |
| d. Normal operating Schedule | : As Required |
| 2. Stack Identification | : Stack attached to Thermopack (20 Lac Kcal) |
| 3. Type of Stack/Duct (RCC/Metal) | : Metal |
| 4. Stack Height from ground Level (m) | : 30.48 |
| 5. Diameter of the Stack (cm) | : 80 |
| 6. Sampling Duration (minutes) | : 75 |
| 7. Purpose of Monitoring | : For Monitoring. |
| 8. Air pollution Control Measure | : Not Exist |
| a. Status | : - |
| b. Recovery of Material | : - |
| 9. Fugitive Emission, if any | : Nil |
| 10. Sample Condition | : Good |

Observations:

- | | |
|---|-----------|
| 1. Flue Gas Temperature, °C, Avg. | : 128 |
| 2. Flue Gas Velocity(m/s), Avg. | : 9.36 |
| 3. Volumetric Flow Rate (Nm ³ /hr) | : 12249.5 |
| 4. Ambient Air Temperature, °C | : 32 |

B. Test Results:

Sr. No.	Test Parameter	Test Method	Standards	Test Results
1	Particulate Matter, (mg/Nm ³)	IS: 11255 (P-1)	80 Max.	22
2	Sulphur Dioxide as SO ₂ (mg/Nm ³)	IS: 11255 (P-2)	Not Specified	BLQ (LOQ: 2.0)
3	Oxides of Nitrogen as NO _x (mg/Nm ³)	IS: 11255 (P-7)	Not Specified	68
4	Carbon Monoxide CO (mg/Nm ³)	IS: 13270	1.0 Max.	BLQ (LOQ: 1.14)
5	Carbon Dioxide CO ₂ (mg/Nm ³)	IS: 13270	Not Specified	<0.2
6	Oxygen O ₂ (mg/Nm ³)	IS: 13270	Not Specified	19.2

19

Kumari Arpana

End of Test Report

Gaurav Goyal
Technical Head

Authorized Signatory

Reviewed By	
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ISSUED TO:	Report No.	CITRO/QC/230825/249 (2)
M/s Grasim Industries Limited	Issue date	29-08-2025
(Birla Opus Paints Division)	Registration no. for	25-08-115
Plot No 48 to 62, Industrial Estate, HSIDC	Grasim Industries	
Refinery Road, Panipat, Haryana- 132140.	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 23-08-2025	Analysis Start Date: 23-08-2025	Analysis Completion Date: 29-08-2025

A. Particulars of the Sample:

Name of Sample	Stack Thermopack - 2 (20 Lac Kcal)	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble, 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene Pouch & Vials

General Information

1. Name of Emission Source monitored : Stack Emission of Thermopack
- e. Rated Capacity : 20 Lac Kcal
- f. Capacity on Sampling day : 85%
- g. Type of Fuel used & its Consumption : PNG
- h. Normal operating Schedule : As Required
2. Stack Identification : Stack attached to Thermopack (20 Lac Kcal)
3. Type of Stack/Duct (RCC/Metal) : Metal
4. Stack Height from ground Level (m) : 30.48
5. Diameter of the Stack (cm) : 80
6. Sampling Duration (minutes) : 75
7. Purpose of Monitoring : For Monitoring.
8. Air pollution Control Measure : Not Exist
- c. Status : -
- d. Recovery of Material : -
9. Fugitive Emission, if any : Nil
10. Sample Condition : Good

Observations:

1. Flue Gas Temperature, °C, Avg. : 128
2. Flue Gas Velocity (m/s), Avg. : 9.36
3. Volumetric Flow Rate (Nm³/hr) : 12249.5
4. Ambient Air Temperature, °C : 32

B. Test Results:

Sr. No.	Test Parameter	Test Method	Standards	Test Results
1	Non Methane Hydrocarbon (mg/Nm ³)	IS: 13270	Not Specified	12

C. Remarks: NA:-Not Applicable, Standards as per EPA 1986 PCLS/02/2021, Sampling Procedure -
CITRO QC SOP 026. Date of Monitoring: 22-08-2025, Sampling done by lab.

End of Test Report

Kumari Aparna

(Reviewed By)

Aparna
29-08-2025



Gaurav Goyal
Technical Head
(Authorized Signatory)

Gaurav Goyal
29-08-2025

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ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.	Report No.	CITRO/QC/120525/084 (2)
	Issue date	24-05-2025
	Registration no. for Grasim Industries	25-05-30
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 12-05-2025		Analysis Start Date: 12-05-2025
		Analysis Completion Date: 24-05-2025

A. Particulars of the Sample:

Name of Sample	Stack Gas Genset-1 (2000 kVA)	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble : 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene Pouch & Vials

General Information

- Name of Emission Source monitored : Stack Emission of GG Set-1
 - Rated Capacity : 2000 kVA
 - Capacity on Sampling day : 86%
 - Type of Fuel used & its Consumption : PNG
 - Normal operating Schedule : As Required
- Stack Identification : Stack attached to GG Set-1 (2000 KVA)
- Type of Stack/Duct (RCC/Metal) : Metal
- Stack Height from ground Level (m) : 30
- Diameter of the Stack (cm) : 15.24
- Sampling Duration (minutes) : 80
- Purpose of Monitoring : For Monitoring.
- Air pollution Control Measure : Not Exist
 - Status : -
 - Recovery of Material : -
- Fugitive Emission, if any : Nil
- Sample Condition : Good

Observations:

- Flue Gas Temperature, °C, Avg. : 316
- Flue Gas Velocity(m/s), Avg. : 12.86
- Volumetric Flow Rate (Nm³/hr) : 416
- Ambient Air Temperature, °C : 33

B. Test Results:

Sr. No.	Test Parameter	Test Method	Standards	Test Results
1	Non Methane Hydrocarbon (mg/Nm ³)	IS: 13270	100 Max.	12

C. Remarks: NA:-Not Applicable, Standards as per EPA 1986 PCLS/02/2021, Sampling Procedure – CITRO/QC/SOP/026. Date of Monitoring: 10-05-2025. Sampling done by lab.

Kumari Aparna

(Reviewed By)

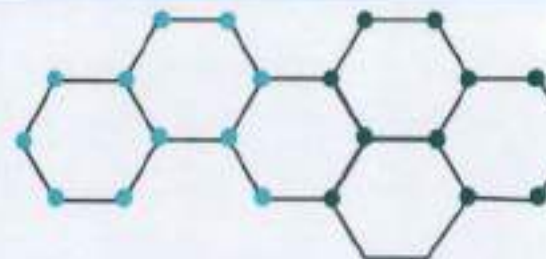
Enforcement Report



Gaurav Goyal
Technical Head
(Authorized Signatory)

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TEST REPORT

Page 01 of 01

Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.	Report No.	CITRO/QC/120525/085 (1)
	Issue date	24-05-2025
	NABL ULR No.	TC1533125000001086 F
	Registration no. for Grasim Industries	25-05-30
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 12-05-2025		Analysis Start Date: 12-05-2025
		Analysis Completion Date: 24-05-2025

A. Particulars of the Sample:

Name of Sample	Stack Emission of Boiler 0.5 TPH	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble , 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene Pouch & Vials

General Information

- Name of Emission Source monitored
a. Rated Capacity : Stack Emission of Boiler 0.5 TPH (ETP)
b. Capacity on Sampling day : 0.5 TPH
c. Type of Fuel used & its Consumption : 85%
d. Normal operating Schedule : PNG
2. Stack Identification : As Required
3. Type of Stack/Duct (RCC/Metal) : Stack attached to Boiler 0.5 TPH (ETP)
4. Stack Height from ground Level (m) : Metal
5. Diameter of the Stack (cm) : 48
6. Sampling Duration (minutes) : 80
7. Purpose of Monitoring : 75
8. Air pollution Control Measure : For Monitoring
a. Status : Not Exist
b. Recovery of Material : -
9. Fugitive Emission, if any : Nil
10. Sample Condition : Good

Observations:

- Flue Gas Temperature, °C, Avg. : 318
- Flue Gas Velocity(m/s), Avg. : 13.84
- Volumetric Flow Rate (Nm³/hr) : 12289.5
- Ambient Air Temperature, °C : 38

B. Test Results:

Sr. No.	Test Parameter	Test Method	Standards	Test Results
1	Particulate Matter, (mg/Nm ³)	IS: 11255 (P-1)	80 Max.	20
2	Oxides of Nitrogen (NO _x), (mg/Nm ³)	IS: 11255 (P-2)	Not Specified	45
3	Sulphur Dioxide as (SO ₂), (mg/Nm ³)	IS: 11255 (P-7)	Not Specified	BLQ(LOQ:2.0)
4	Carbon Monoxide (CO), (%v/v)	IS: 13270	1.0 max.	BLQ(LOQ:0.1)
5	Carbon Dioxide (CO ₂), (%v/v)	IS: 13270	Not Specified	<0.2
6	Oxygen (O) (%v/v)	IS: 13270	Not Specified	19.5

C. Remarks: N/A. Not Applicable. Standards as per EPA 1986 PCLS/02/2021. Sampling Procedure as per IS: 11255 (P-1) to (P-7) & IS: 13270. Method of Monitoring: (04-05-2025). Sampling done by lab. BLQ: Below limit of Quantification, LOQ: Limit of Quantification.

Kumari Aparna

(Reviewed By)



Gaurav Goyal
Technical Head
(Authorized Signatory)

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.	Report No.	CITRO/QC/120525/087 (2)
	Issue date	24-05-2025
	Registration no. for Grasim Industries	25-05-30
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 12-05-2025		Analysis Start Date: 12-05-2025
		Analysis Completion Date: 24-05-2025

A. Particulars of the Sample:

Name of Sample	Stack Emission of Boiler	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble , 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene pouch & Vials

General Information

- | | |
|--|------------------------------------|
| 1. Name of Emission Source monitored | : Stack Emission of Boiler-2 |
| a. Rated Capacity | : 2 TPH |
| b. Capacity on Sampling day | : 86 % |
| c. Type of Fuel used & its Consumption | : PNG |
| d. Normal operating Schedule | : As Required |
| 2. Stack Identification | : Stack attached to Boiler (2 TPH) |
| 3. Type of Stack/Duct (RCC/Metal) | : Metal |
| 4. Stack Height from ground Level (m) | : 30 |
| 5. Diameter of the Stack (cm) | : 80 |
| 6. Sampling Duration (minutes) | : 60 |
| 7. Purpose of Monitoring | : For Monitoring. |
| 8. Air pollution Control Measure | : Not Exist. |
| a. Status | : - |
| b. Recovery of Material | : - |
| 9. Fugitive Emission, if any | : Nil |
| 10. Sample Condition | : Good |

Observations

- | | |
|---|-----------|
| 1. Flue Gas Temperature, °C, Avg. | : 111 |
| 2. Flue Gas Velocity(m/s), Avg. | : 11.22 |
| 3. Volumetric Flow Rate (Nm ³ /hr) | : 15333.7 |
| 4. Ambient Air Temperature, °C | : 33 |

B. Test Results:

Sr. No.	Test Parameter	Test Method	Standards	Test Results
1	Non Methane Hydrocarbon (mg/Nm ³)	IS: 13270	Not Specified	6

C. Remarks: NA:-Not Applicable, Standards as per EPA 1986 PCLS/02/2021, Sampling Procedure - CITRO/QC/SOP/026. Date of Monitoring: 10-05-2025, Sampling done by lab.

End of Test Report

Kumari Aparna

(Reviewed By)

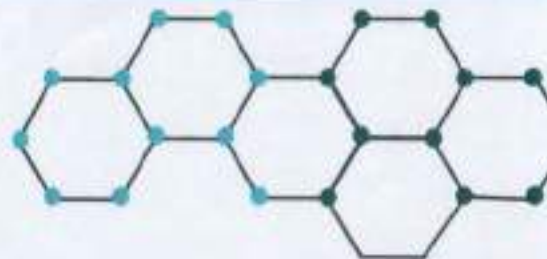


Gaurav Goyal
Technical Head

(Authorized Signatory)

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.	Report No.	CITRO/QC/120525/090 (2)
	Issue date	24-05-2025
	Registration no. for Grasim Industries	25-05-30
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 12-05-2025 Analysis Start Date: 12-05-2025 Analysis Completion Date: 24-05-2025		

A. Particulars of the Sample:

Name of Sample	Stack Thermopack - 2 (20 Lac Kcal)	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble, 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene Pouch & Vials

General Information

- Name of Emission Source monitored : Stack Emission of Thermopack
 - Rated Capacity : 20 Lac Kcal
 - Capacity on Sampling day : 86%
 - Type of Fuel used & its Consumption : PNG
 - Normal operating Schedule : As Required
- Stack Identification : Stack attached to Thermopack (20 Lac Kcal)
- Type of Stack/Duct (RCC/Metal) : Metal
- Stack Height from ground Level (m) : 30.48
- Diameter of the Stack (cm) : 80
- Sampling Duration (minutes) : 71
- Purpose of Monitoring : For Monitoring.
- Air pollution Control Measure : Not Exist
 - Status : -
 - Recovery of Material : -
- Fugitive Emission, if any : Nil
- Sample Condition : Good

Observations:

- Flue Gas Temperature, °C, Avg. : 136
- Flue Gas Velocity(m/s), Avg. : 10.11
- Volumetric Flow Rate (Nm³/hr) : 12972
- Ambient Air Temperature, °C : 33

B. Test Results:

Sr. No.	Test Parameter	Test Method	Standards	Test Results
1	Non Methane Hydrocarbon (mg/Nm ³)	IS: 13270	Not Specified	10

C. Remarks: NA:-Not Applicable, Standards as per EPA 1986 PCLS/02/2021, Sampling Procedure - CITRO/QC/SOP/026. Date of Monitoring: 10-05-2025, Sampling done by lab.

Kumari Apama
(Reviewed By)

Signature
24-05-2025

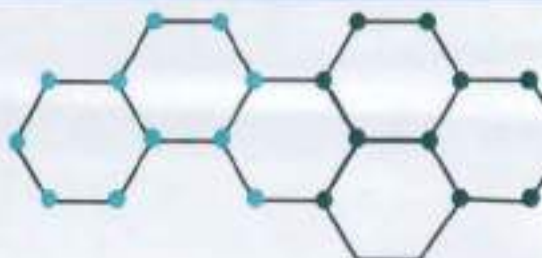


Gaurav Goyal
Technical Head
(Authorized Signatory)

Signature
24-05-2025

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ISSUED TO:

M/s Grasim Industries Limited

(Birla Opus Panits Divison)

Plot No 48 to 62, Industrial Estate, HSIDC Refinery

Road, Panipat, Haryana- 132140.

Report No.

CITRO/QC/150725/327 (1)

Issue date

26-07-2025

NABL ULR No.

TC1533125000001997 F

Registration no. for
Grasim Industries

25-07-55

Customer Ref. &
Date

WO No. 4900188734 & 17-04-2025

Sample Receiving Date:

15-07-2025

Analysis Start Date

15-07-2025

Analysis Completion Date

26-07-2025

A.Particulars of the Sample

Name of Sample	Stack Emission of Boiler	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble , 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene pouch & Vials

General Information

1. Name of Emission Source monitored
 - a. Rated Capacity
 - b. Capacity on Sampling day
 - c. Type of Fuel used & its Consumption
 - d. Normal operating Schedule
2. Stack Identification
 - a. Type of Stack/Duct (RCC/Metal)
 - b. Stack Height from ground Level (m)
 - c. Diameter of the Stack (cm)
 - d. Sampling Duration (minutes)
3. Purpose of Monitoring
4. Air pollution Control Measure
 - a. Status
 - b. Recovery of Material
5. Fugitive Emission, if any
6. Sample Condition

- : Stack Emission of Boiler-2
: 2 TPH
: 85 %
: PNG
: As Required
: Stack attached to Boiler (2 TPH)
: Metal
: 30
: 80
: 60
: For Monitoring.
: Not Exist
: -
: -
: Nil
: Good

Observations

1. Flue Gas Temperature, °C, Avg.
2. Flue Gas Velocity(m/s), Avg.
3. Volumetric Flow Rate (Nm³/hr)
4. Ambient Air Temperature, °C

- : 114
: 11.33
: 15364
: 38

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirement	Test Results
1	Particulate Matter. (mg/Nm ³)	IS: 11255 (P-1)	80 Max.	17
2	Oxides of Nitrogen (NO _x). (mg/Nm ³)	IS: 11255 (P-7)	Not Specified	43.7
3	Sulphur Dioxide as (SO ₂). (mg/Nm ³)	IS: 11255 (P-2)	Not Specified	BLQ(LOQ 2.0)
4	Carbon Monoxide (CO). (%v/v)	IS: 13270	1.0 max.	BLQ(LOQ 0.1)
5	Carbon Dioxide (CO ₂). (%v/v)	IS: 13270	Not Specified	<0.2
6	Oxygen (O). (%v/v)	IS: 13270	Not Specified	19.1

U/Bearings: Not Applicable. Responsibility is put on customer for air quality management in NCR, areas & No A- 18688101/2014-AQM/7267-7295, Dated 17.01.2022. Sampling Procedure - CITRO/ISO9006. Date of Monitoring: 15-07-2025 Sampling done by lab. HLU Below limit of Quantification, LOQ Limit of Quantification

End of Test Report

Kumari Aparna

Gaurav Goyal
Technical Head

(Authorized Signatory)

(Reviewed By)

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.	Report No.	CITRO/QC/150725/327 (2)
	Issue date	26-07-2025
	Registration no. for Grasim Industries	25-07-55
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 15-07-2025		Analysis Start Date: 15-07-2025
		Analysis Completion Date: 26-07-2025

A. Particulars of the Sample:

Name of Sample	Stack Emission of Boiler	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble, 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene pouch & Vials

General Information

1. Name of Emission Source monitored : Stack Emission of Boiler-2
- a. Rated Capacity : 2 TPH
- b. Capacity on Sampling day : 85 %
- c. Type of Fuel used & its Consumption : PNG
- d. Normal operating Schedule : As Required
2. Stack Identification : Stack attached to Boiler (2 TPH)
3. Type of Stack/Duct (RCC/Metal) : Metal
4. Stack Height from ground Level (m) : 30
5. Diameter of the Stack (cm) : 80
6. Sampling Duration (minutes) : 60
7. Purpose of Monitoring : For Monitoring.
8. Air pollution Control Measure : Not Exist
- a. Status : -
- b. Recovery of Material : -
9. Fugitive Emission, if any : Nil
10. Sample Condition : Good

Observations

1. Flue Gas Temperature, °C, Avg. : 114
2. Flue Gas Velocity(m/s), Avg. : 11.33
3. Volumetric Flow Rate (Nm³/hr) : 15364
4. Ambient Air Temperature, °C : 38

B. Test Results:

Sr. No.	Test Parameter	Test Method	Standards	Test Results
I	Non Methane Hydrocarbon (mg/Nm ³)	IS: 13270	Not Specified	7

C. Remarks: NA:-Not Applicable, Standards as per EPA 1986 PCLS/02/2021, Sampling Procedure - CITRO/QC/SOP/026. Date of Monitoring: 11-07-2025, Sampling done by lab.

End of Test Report

Kumari Aparna

(Reviewed By)

Gaurav
26-07-2025



Gaurav Goyal
Technical Head
(Authorized Signatory)

Gaurav
26-07-2025

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ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Division) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.	Report No.	CITRO/QC/150725/325 (2)
	Issue date	26-07-2025
	Registration no. for Grasim Industries	25-07-55
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 15-07-2025		Analysis Start Date: 15-07-2025
		Analysis Completion Date: 26-07-2025

A. Particulars of the Sample:

Name of Sample	Stack Emission of Boiler 0.5 TPH	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble, 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene Pouch & Vials

General Information

- Name of Emission Source monitored : Stack Emission of Boiler 0.5 TPH (ETP)
 - Rated Capacity : 0.5 TPH
 - Capacity on Sampling day : 86%
 - Type of Fuel used & its Consumption : PNG
 - Normal operating Schedule : As Required
- Stack Identification : Stack attached to Boiler 0.5 TPH (ETP)
- Type of Stack/Duct (RCC/Metal) : Metal
- Stack Height from ground Level (m) : 48
- Diameter of the Stack (cm) : 80
- Sampling Duration (minutes) : 71
- Purpose of Monitoring : For Monitoring
- Air pollution Control Measure : Not Exist
 - Status : -
 - Recovery of Material : -
- Fugitive Emission, if any : Nil
- Sample Condition : Good

Observations:

- Flue Gas Temperature, °C, Avg. : 106
- Flue Gas Velocity(m/s), Avg. : 9.42
- Volumetric Flow Rate (Nm³/hr) : 13043.6
- Ambient Air Temperature, °C : 39

B. Test Results:

Sr. No.	Test Parameter	Test Method	Standards	Test Results
1	Non Methane Hydrocarbon (mg/Nm ³)	IS: 13270	100 Max.	8

C. Remarks: NA:-Not Applicable, Standards as per EPA 1986 PCLS/02/2021, Sampling Procedure - CITRO/QC/SOP/026. Date of Monitoring: 11-07-2025, Sampling done by lab.

End of Test Report

Kumari Aparna

(Reviewed By)

[Signature]
26-07-2025

Gaurav Goyal
Technical Head

(Authorized Signatory)

[Signature]
26-07-2025



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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road Panipat Haryana 132140	Report No.	CITRO/QC/300425/299 (1)
	Issue date	08-05-2025
	NABL ULR No.	TC1533125000000891 F
	Registration no. for Grasim Industries	25-04-123
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 30-04-2025	Analysis Start Date: 30-04-2025	Analysis Completion Date: 08-05-2025

A. Particulars of the Sample:

Name of Sample	Stack Gas Genset-I (2000 KVA)	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble - 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene Pouch & Vials

General Information

1. Name of Emission Source monitored
 - a. Rated Capacity
 - b. Capacity on Sampling day
 - c. Type of Fuel used & its Consumption
 - d. Normal operating Schedule

: Stack Emission of GG Set-I
: 2000 kVA
: 85%
: PNG
: As Required
: Stack attached to GG Set-I (2000 KVA)

2. Stack Identification
3. Type of Stack/Duct (RCC/Metal)
4. Stack Height from ground Level (m)
5. Diameter of the Stack (cm)
6. Sampling Duration (minutes)
7. Purpose of Monitoring
8. Air pollution Control Measure
 - a. Status
 - b. Recovery of Material
9. Fugitive Emission, if any
10. Sample Condition

: Metal
: 30
: 15.24
: 79
: For Monitoring.
: Not Exist
: -
: -
: Nil
: Good

Observations:

1. Flue Gas Temperature, °C, Avg.
2. Flue Gas Velocity (m/s), Avg.
3. Volumetric Flow Rate (Nm³/hr)
4. Ambient Air Temperature, °C

: 320
: 13.17
: 423
: 40

B. Test Results:

Sr. No.	Test Parameter	Test Method	Standards	Test Results
1	Particulate Matter, mg/ Nm ³	IS: 11255 (P-1)	75 Max	16
2	Sulphur Dioxide as SO ₂ (mg/Nm ³)	IS: 11255 (P-2)	Not Specified	BLQ(LOQ:2.0)
3	Oxides of Nitrogen as NO _x (ppmv)	IS: 11255 (P-7)	710 Max.	30
4	Carbon Monoxide CO, (mg/Nm ³)	IS: 13270	150 Max.	BLQ(LOQ:1.14)
5	Carbon Dioxide CO ₂ , (%v/v)	IS: 13270	Not Specified	<0.2
6	Oxygen O ₂ , (%v/v)	IS: 13270	Not Specified	19.4

C. Remarks: N/A. Test Applicable. Standards as per EPA 1986, PCLS/02/2021. Sampling Frequency: As Required. Method: GC-SD/MS. Use of Monitoring: 24x7x365. Sampling done by Lab. HAZ: Below Limit of Quantification. LQ: Limit of Quantification

Kumari Aparna

(Reviewed By)

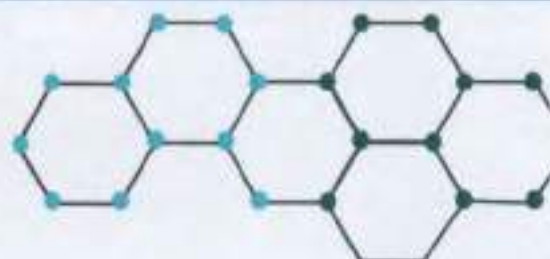


Gaurav Goyal
Technical Head
(Authorized Signatory)

Goyal
08-05-2025

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road Panipat Haryana 132140	Report No.	CITRO/QC/300425/301(2)
	Issue date	08-05-2025
	Registration no. for Grasim Industries	25-04-123
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 30-04-2025	Analysis Start Date: 30-04-2025	Analysis Completion Date: 08-05-2025

A. Particulars of the Sample:

Name of Sample	Stack Emission of Boiler	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble, 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene pouch & Vials

General Information

1. Name of Emission Source monitored : Stack Emission of Boiler-I
- a. Rated Capacity : 2 TPH
- b. Capacity on Sampling day : 85 %
- c. Type of Fuel used & its Consumption : PNG
- d. Normal operating Schedule : As Required
2. Stack Identification : Stack attached to Boiler (2 TPH)
3. Type of Stack/Duct (RCC/Metal) : Metal
4. Stack Height from ground Level (m) : 30
5. Diameter of the Stack (cm) : 80
6. Sampling Duration (minutes) : 61
7. Purpose of Monitoring : For Monitoring
8. Air pollution Control Measure : Not Exist
- a. Status : -
- b. Recovery of Material : -
9. Fugitive Emission, if any : Nil
10. Sample Condition : Good

Observations

1. Flue Gas Temperature, °C, Avg. : 110
2. Flue Gas Velocity (m/s), Avg. : 11.07
3. Volumetric Flow Rate (Nm³/hr) : 15168
4. Ambient Air Temperature, °C : 38

B. Test Results:

Sr. No.	Test Parameter	Test Method	Standards	Test Results
1	Non Methane Hydrocarbon (mg/Nm ³)	IS: 13270	Not Specified	6

C. Remarks: NA:-Not Applicable. Standards as per EPA 1986 PCLS/02/2021, Sampling Procedure - CITRO/QC/SOP/026. Date of Monitoring: 26-04-2025. Sampling done by lab.

End of Test Report

Kumari Apama

(Reviewed By)

Signature
08-05-2025

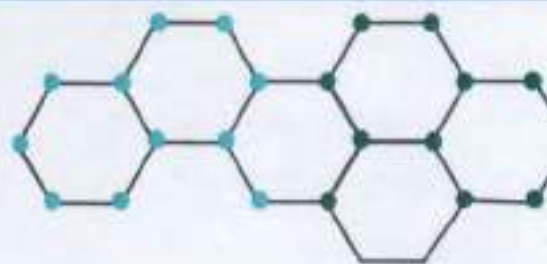


Gaurav Goyal
Technical Head
(Authorized Signatory)

Signature
08-05-2025

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road Panipat Haryana 132140			Report No.	CITRO/QC/300425/302 (1)	
			Issue date	08-05-2025	
			NABL ULR No.	TC1533125000000894 F	
			Registration no. for Grasim Industries	25-04-123	
			Customer Ref. & Date	WO No. 4900188734 & 17-04-2025	
Sample Receiving Date:	30-04-2025	Analysis Start Date	30-04-2025	Analysis Completion Date	08-05-2025

A. Particulars of the Sample

Name of Sample	Stack Emission of Boiler	Testing as Per	EPA -1986, PCLIS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble, 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene pouch & Vials

General Information

- Name of Emission Source monitored : Stack Emission of Boiler-2
- a. Rated Capacity : 2 TPH
- b. Capacity on Sampling day : 85 %
- c. Type of Fuel used & its Consumption : PNG
- d. Normal operating Schedule : As Required
2. Stack Identification : Stack attached to Boiler (2 TPH)
3. Type of Stack/Duct (RCC/Metal) : Metal
4. Stack Height from ground Level (m) : 30
5. Diameter of the Stack (cm) : 80
6. Sampling Duration (minutes) : 59
7. Purpose of Monitoring : For Monitoring
8. Air pollution Control Measure : Not Exist
- a. Status : -
- b. Recovery of Material : -
9. Fugitive Emission, if any : Nil
10. Sample Condition : Good

Observations

- Flue Gas Temperature, °C, Avg. : 109
- Flue Gas Velocity (m/s), Avg. : 11.45
- Volumetric Flow Rate (Nm³/hr) : 15729.9
- Ambient Air Temperature, °C : 38

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirement	Test Results
1	Particulate Matter, mg/Nm ³	IS: 11255 (P-1)	80 Max.	18
2	Oxides of Nitrogen (NO _x), mg/Nm ³	IS: 11255 (P-2)	Not Specified	52
3	Sulphur Dioxide as (SO ₂), mg/Nm ³	IS: 11255 (P-7)	Not Specified	BLQ(LOQ:2.0)
4	Carbon Monoxide (CO), (%v/v)	IS: 13270	1.0 max.	BLQ(LOQ:0.1)
5	Carbon Dioxide (CO ₂), (%v/v)	IS: 13270	Not Specified	<0.2
6	Oxygen (O), (%v/v)	IS: 13270	Not Specified	19.2

CITRO LABS Private Limited, Derabassi, Punjab-140507. F.No. 110019101/2021/CITRO/7267-7268, Dated 17.05.2022, Sampling Procedure - CITRO/SC/SOP/005. Date of Monitoring: 20-04-2025. Sampling Date: 08-05-2025. Limit of Quantification, LOQ: Limit of Quantification.

Kumari Aparna

Signature
08-05-2025



Gaurav Goyal
Technical Head

(Authorized Signatory)

Signature
08-05-2025



(Reviewed By)

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road Panipat Haryana 132140	Report No.	CITRO/QC/300425/304 (1)
	Issue date	08-05-2025
	NABL ULR No.	TC1533125000000896 F
	Registration no. for Grasim Industries	25-04-123
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 30-04-2025		Analysis Start Date: 30-04-2025
		Analysis Completion Date: 08-05-2025

A. Particulars of the Sample:

Name of Sample	Stack Thermopack – 1(20 Lac Kcal)	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble, 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene Pouch & Vials

General Information

1. Name of Emission Source monitored : Stack Emission of Thermopack
 - a. Rated Capacity : 20 Lac Kcal
 - b. Capacity on Sampling day : 85%
 - c. Type of Fuel used & its Consumption : PNG
 - d. Normal operating Schedule : As Required
2. Stack Identification : Stack attached to Thermopack (20 Lac Kcal)
3. Type of Stack/Duct (RCC/Metal) : Metal
4. Stack Height from ground Level (m) : 30.48
5. Diameter of the Stack (cm) : 80
6. Sampling Duration (minutes) : 76
7. Purpose of Monitoring : For Monitoring.
8. Air pollution Control Measure : Not Exist
 - a. Status : -
 - b. Recovery of Material : -
9. Fugitive Emission, if any : Nil
10. Sample Condition : Good

Observations:

1. Flue Gas Temperature, °C, Avg. : 132
2. Flue Gas Velocity (m/s), Avg. : 9.32
3. Volumetric Flow Rate (Nm³/hr) : 12076.6
4. Ambient Air Temperature, °C : 40

B. Test Results:

Sr. No.	Test Parameter	Test Method	Standards	Test Results
1	Particulate Matter, mg/ Nm ³	IS: 11255 (P-1)	80 Max.	22
2	Sulphur Dioxide as SO ₂ (mg/Nm ³)	IS: 11255 (P-2)	Not Specified	BLQ(LOQ:2.0)
3	Oxides of Nitrogen as NO ₂ (mg/Nm ³)	IS: 11255 (P-7)	Not Specified	48
4	Carbon Monoxide CO, (mg/Nm ³)	IS: 13270	1.0 Max.	BLQ(LOQ:0.14)
5	Carbon Dioxide CO ₂ , (mg/Nm ³)	IS: 13270	Not Specified	<0.2
6	Oxygen O ₂ (mg/Nm ³)	IS: 13270	Not Specified	19.2

C. Remarks: NA - Not Applicable. Requirements as per commission for testing of sample is NCR group F.No.A- 110018101/2021C AQM/7267-7298. Dated 17.03.2022, Sampling Procedure - CITRO/02/02/2025. Date of Monitoring: 26-04-2025. Sampling Method: Direct. Method of Analysis: Gravimetric. Method of Quantification: LOQ: Limit of Quantification

Kumari Aparna

Gaurav Goyal
Technical Head

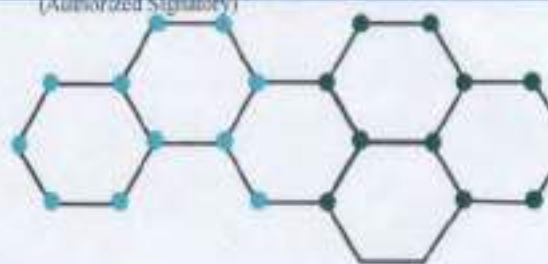
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Format No. : CITRO/QSF/0716

ISSUED TO:	Report No.	CITRO/QC/300425/304 (2)
M/s Grasim Industries Limited	Issue date	08-05-2025
(Birla Opus Panits Divison)	Registration no. for	25-04-123
Plot No 48 to 62, Industrial Estate, HSIDC	Grasim Industries	
Refinery Road Panipat Haryana 132140	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 30-04-2025	Analysis Start Date: 30-04-2025	Analysis Completion Date: 08-05-2025

A. Particulars of the Sample:

Name of Sample	Stack Thermopack - 1(20 Lac Kcal)	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble, 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene Pouch & Vials

General Information

- Name of Emission Source monitored : Stack Emission of Thermopack
 - Rated Capacity : 20 Lac Kcal
 - Capacity on Sampling day : 85%
 - Type of Fuel used & its Consumption : PNG
 - Normal operating Schedule : As Required
- Stack Identification : Stack attached to Thermopack (20 Lac Kcal)
- Type of Stack/Duct (RCC/Metal) : Metal
- Stack Height from ground Level (m) : 30.48
- Diameter of the Stack (cm) : 80
- Sampling Duration (minutes) : 76
- Purpose of Monitoring : For Monitoring.
- Air pollution Control Measure : Not Exist
 - Status : -
 - Recovery of Material : -
- Fugitive Emission, if any : Nil
- Sample Condition : Good

Observations:

- Flue Gas Temperature, °C, Avg. : 132
- Flue Gas Velocity(m/s), Avg. : 9.32
- Volumetric Flow Rate (Nm³/hr) : 12076.6
- Ambient Air Temperature, °C : 40

B. Test Results:

Sr. No.	Test Parameter	Test Method	Standards	Test Results
1	Non Methane Hydrocarbon (ng/Nm ³)	IS: 13270	Not Specified	5

C. Remarks: NA:-Not Applicable, Standards as per EPA 1986 PCLS/02/2021, Sampling Procedure - CITRO/QC/SOP/026. Date of Monitoring: 26-04-2025, Sampling done by lab.

Kumari, Aparna

(Reviewed By)



Gaurav Goyal
Technical Head
(Authorized Signatory)

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Format No. : CITRO/QSE/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.	Report No.	CITRO/QC/130625/153 (1)
	Issue date	19-06-2025
	NABL ULR No.	TC1533125000001349 F
	Registration no. for Grasim Industries	25-06-25
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 13-06-2025		Analysis Start Date: 13-06-2025
		Analysis Completion Date: 19-06-2025

A. Particulars of the Sample:

Name of Sample	Stack Emission of Boiler 0.5 TPH	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble, 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene Pouch & Vials

General Information

- Name of Emission Source monitored : Stack Emission of Boiler 0.5 TPH (ETP)
 - Rated Capacity : 0.5 TPH
 - Capacity on Sampling day : 86%
 - Type of Fuel used & its Consumption : PNG
 - Normal operating Schedule : As Required
- Stack Identification : Stack attached to Boiler 0.5 TPH (ETP)
- Type of Stack/Duct (RCC/Metal) : Metal
- Stack Height from ground Level (m) : 48
- Diameter of the Stack (cm) : 80
- Sampling Duration (minutes) : 74
- Purpose of Monitoring : For Monitoring.
- Air pollution Control Measure : Not Exist
 - Status : -
 - Recovery of Material : -
- Fugitive Emission, if any : Nil
- Sample Condition : Good

Observations:

- Flue Gas Temperature, °C, Avg. : 312
- Flue Gas Velocity(m/s), Avg. : 13.85
- Volumetric Flow Rate (Nm³/hr) : 12424.5
- Ambient Air Temperature, °C : 40

B. Test Results:

Sr. No.	Test Parameter	Test Method	Standards	Test Results
1	Particulate Matter, (mg/Nm ³)	IS: 11255 (P-1)	80 Max.	21
2	Oxides of Nitrogen (NO _x), (mg/Nm ³)	IS: 11255 (P-7)	Not Specified	46
3	Sulphur Dioxide as (SO ₂), (mg/Nm ³)	IS: 11255 (P-2)	Not Specified	BLQ(LOQ:2.0)
4	Carbon Monoxide (CO), (%v/v)	IS: 13270	1.0 max.	BLQ(LOQ:0.1)
5	Carbon Dioxide (CO ₂), (%v/v)	IS: 13270	Not Specified	<0.2
6	Oxygen (O) (%v/v)	IS: 13270	Not Specified	19.7

Kumari Aparna

(Reviewed By)

[Signature]
19-06-2025

End of Report



Gaurav Goyal

Technical Head

(Authorized Signatory)

[Signature]
19-06-2025

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.	Report No.	CITRO/QC/130625/153 (2)
	Issue date	19-06-2025
	Registration no. for Grasim Industries	25-06-25
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 13-06-2025		Analysis Start Date: 13-06-2025
		Analysis Completion Date: 19-06-2025

A.Particulars of the Sample:

Name of Sample	Stack Emission of Boiler 0.5 TPH	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble , 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene Pouch & Vials

General Information

- Name of Emission Source monitored : Stack Emission of Boiler 0.5 TPH (ETP)
 - Rated Capacity : 0.5 TPH
 - Capacity on Sampling day : 86%
 - Type of Fuel used & its Consumption : PNG
 - Normal operating Schedule : As Required
- Stack Identification : Stack attached to Boiler 0.5 TPH (ETP)
- Type of Stack/Duct (RCC/Metal) : Metal
- Stack Height from ground Level (m) : 48
- Diameter of the Stack (cm) : 80
- Sampling Duration (minutes) : 74
- Purpose of Monitoring : For Monitoring.
- Air pollution Control Measure : Not Exist
 - Status : -
 - Recovery of Material : -
- Fugitive Emission, if any : Nil
- Sample Condition : Good

Observations:

- Flue Gas Temperature, °C, Avg. : 312
- Flue Gas Velocity(m/s), Avg. : 13.85
- Volumetric Flow Rate (Nm³/hr) : 12424.5
- Ambient Air Temperature, °C : 40

B. Test Results:

Sr. No.	Test Parameter	Test Method	Standards	Test Results
1	Non Methane Hydrocarbon (mg/Nm ³)	IS: 13270	100 Max.	10

C. Remarks: NA:-Not Applicable, Standards as per EPA 1986 PCLS/02/2021, Sampling Procedure - CITRO/QC/SOP/026. Date of Monitoring: 12-06-2025, Sampling done by lab.

End of Test Report

Kumari Aparna
(Reviewed By)

Aparna
19-06-2025

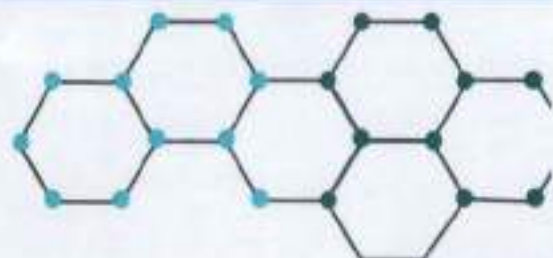


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Technical Head
(Authorized Signatory)

Gaurav
19-06-2025

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TEST REPORT

Page 01 of 01

Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Paints Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.		Report No.	CITRO/QC/230825/261
		Issue date	29-08-2025
		NABL ULR No.	TC1533125000002315 F
		Registration no. for Grasim Industries	25-08-115
		Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date	23-08-2025	Analysis Start Date	23-08-2025
		Analysis Completion Date	29-08-2025

A. Particulars of the Sample:

Name of Sample	Stack Emission	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble	Packing Mode	Packed in Polythene Pouch

General Information

1. Name of Emission Source monitored

- Rated Capacity
- Capacity on Sampling day
- Type of Fuel used & its Consumption
- Normal operating Schedule

2. Stack Identification

- Type of Stack/Duct (RCC/Metal)
- Stack Height from roof Level (m)
- Diameter of the Stack (cm)
- Sampling Duration (minutes)
- Purpose of Monitoring
- Air pollution Control Measure
 - Status
 - Recovery of Material
- Fugitive Emission, if any
- Sample Condition

: Stack Dust Collector Vent -TSD -P402

- : -
- : 85 %
- : Electricity
- : As Required
- : Stack attached to Dust Collector Vent (TSD-P402)
- : Metal
- : 3
- : 10.16
- : 62
- : For Monitoring
- : Not Exist
- : -
- : -
- : Nil
- : Good

Observations:

- Flue Gas Temperature, °C, Avg. : 77
- Flue Gas Velocity (m/s), Avg. : 9.92
- Volumetric Flow Rate (Nm³/hr) : 239.9
- Ambient Air Temperature, °C : 33

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirements	Test Results
1	Particulate Matter (PM), mg/Nm ³	IS: 11255 (P-1)	80 max.	26

C. Remark: NA-Not Applicable, Requirements as per commission for air quality management in NCR areas F.No.A-110018101/2021/CQM/7267-7298, Dated 17.03.2022, Sampling Procedure - CITRO/QC/SOP/026, Date of Monitoring: 22-08-2025

Kumari Aparna

(Reviewed By)

Stamp
29-08-2025



Gaurav Goyal
Technical Head
(Authorized Signatory)

Stamp
29-08-2025

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Paints Division) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.			Report No.		CITRO/QC/230825/262			
			Issue date		29-08-2025			
			NABL ULR No.		TC1533125000002316 F			
			Registration no. for Grasim Industries		25-08-115			
			Customer Ref. & Date		WO No. 4900188734 & 17-04-2025			
Sample Receiving Date		23-08-2025	Analysis Start Date		23-08-2025	Analysis Completion Date		29-08-2025

A.Particulars of the Sample:

Name of Sample	Stack Emission	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble	Packing Mode	Packed in Polythene Pouch

General Information

- Name of Emission Source monitored : Stack Dust Collector Vent -P607OC64011
 - Rated Capacity : -
 - Capacity on Sampling day : 85 %
 - Type of Fuel used & its Consumption : Electricity
 - Normal operating Schedule : As Required
- Stack Identification : Stack attached to Dust Collector Vent (P607OC64011)
- Type of Stack/Duct (RCC/Metal) : Metal
- Stack Height from roof Level (m) : 3
- Diameter of the Stack (cm) : 10.16
- Sampling Duration (minutes) : 58
- Purpose of Monitoring : For Monitoring
- Air pollution Control Measure : Not Exist
 - Status : -
 - Recovery of Material : -
- Fugitive Emission, if any : Nil
- Sample Condition : Good

Observations:

- Flue Gas Temperature, °C, Avg. : 73
- Flue Gas Velocity (m/s), Avg. : 10.52
- Volumetric Flow Rate (Nm³/hr) : 257.3
- Ambient Air Temperature, °C : 33

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirements	Test Results
1	Particulate Matter (PM), mg/Nov ³	IS: 11255 (P-1)	80 max.	31

C. Remarks: N/A-Not Applicable. Requirements as per commission for air quality management in NCR areas F.No.A-110018101/2021/CAQM/7267-7298. Dated 17.03.2022, Sampling Procedure - CITRO/QC/SOP/026. Date of Monitoring: 22-08-2025

Kumari Aparna

(Reviewed By)

Gourav Goyal
Technical Head
(Authorized Signatory)

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Format No. : CITRO/QSF/0716

ISSUED TO:

M/s Grasim Industries Limited

(Birla Opus Paints Division)

Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road,

Panipat, Haryana- 132140.

Report No.	CITRO/QC/230825/266
Issue date	29-08-2025
NABL ULR No.	TC1533125000002320 F
Registration no. for Grasim Industries	25-08-115
Customer Ref. & Date	WO No. 4900188734 & 17-04-2025

Sample Receiving Date	23-08-2025	Analysis Start Date	23-08-2025	Analysis Completion Date	29-08-2025
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A.Particulars of the Sample:

Name of Sample	Stack Emission	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble	Packing Mode	Packed in Polythene Pouch

General Information

1. Name of Emission Source monitored
 - a. Rated Capacity
 - b. Capacity on Sampling day
 - c. Type of Fuel used & its Consumption
 - d. Normal operating Schedule

: Stack Dust Collector Vent -TSD-P-101

2. Stack Identification

: -
: 85%
: Electricity
: As Required
: Stack attached to Dust Collector Vent (TSD-P-101)

3. Type of Stack/Duct (RCC/Metal)
4. Stack Height from roof Level (m)
5. Diameter of the Stack (cm)
6. Sampling Duration (minutes)
7. Purpose of Monitoring
8. Air pollution Control Measure
 - a. Status
 - b. Recovery of Material
9. Fugitive Emission, if any
10. Sample Condition

: Metal
: 3
: 10.16
: 60
: For Monitoring
: Not Exist
: -
: -
: Nil
: Good

Observations:

1. Flue Gas Temperature, °C, Avg.
2. Flue Gas Velocity(m/s), Avg.
3. Volumetric Flow Rate (Nm³/hr)
4. Ambient Air Temperature, °C

: 72
: 10.18
: 249
: 33

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirements	Test Results
1	Particulate Matter (PM), mg/Nm ³	IS: 11255 (P-1)	80 max.	29

C. Remarks: NA-Not Applicable, Requirements as per commission for air quality management in NCR areas F.No.A-110018101/2021CAQM/7267-7298, Dated 17.03.2022, Sampling Procedure - CITRO/QC/SOP/026. Date of Monitoring: 22-08-2025

Kumari Aparna

(Reviewed By)

Signature
29-08-2025



Gaurav Goyal
Technical Head
(Authorized Signatory)

Signature
29-08-2025

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ISSUED TO:

M/s Grasim Industries Limited

(Birla Opus Paints Division)

Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road,
Panipat, Haryana- 132140.

Report No.

CITRO/QC/230825/267

Issue date

29-08-2025

NABL ULR No.

TC1533125000002321 F

Registration no. for
Grasim Industries

25-08-115

Customer Ref. & Date

WO No. 4900188734 & 17-
04-2025

Sample Receiving Date

23-08-2025

Analysis Start Date

23-08-2025

Analysis Completion Date

29-08-2025

A. Particulars of the Sample:

Name of Sample	Stack Emission	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble	Packing Mode	Packed in Polythene Pouch

General Information

- Name of Emission Source monitored
 - Rated Capacity
 - Capacity on Sampling day
 - Type of Fuel used & its Consumption
 - Normal operating Schedule
- Stack Identification

: Stack Dust Collector Vent - WPB

: -

: 85%

: Electricity

: As Required

: Stack attached to Dust Collector Vent
(WPB)

: Metal

: 3

: 10.16

: 58

: For Monitoring

: Not Exist

: +

: -

: Nil

: Good

Observations:

- Flue Gas Temperature, °C, Avg. : 79
- Flue Gas Velocity (m/s), Avg. : 10.68
- Volumetric Flow Rate (Nm³/hr) : 256.8
- Ambient Air Temperature, °C : 33

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirements	Test Results
1	Particulate Matter (PM), mg/Nm ³	IS: 11255 (P-1)	80 max.	27

C. Remarks: NA - Not Applicable, Requirements as per commission for air quality management in NCR areas F No A-110018101/2021 AQM/7267-7298, Dated 17.03.2022, Sampling Procedure - CITRO/QC/SOP/026, Date of Monitoring: 22-08-2025

Kumari Aparna

(Reviewed By)

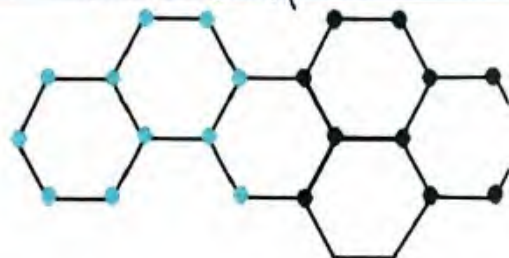
Gaurav Goyal

Technical Head

(Authorized Signatory)

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ISSUED TO:

M/s Grasim Industries Limited

(Birla Opus Panits Divison)

Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road,

Panipat, Haryana- 132140.

Report No.	CITRO/QC/120525/118
Issue date	24-05-2025
NABL ULR No.	TC1533125000001118 F
Registration no. for Grasim Industries	25-05-30
Customer Ref. & Date	WO No. 4900188734 & 17-04-2025

Sample Receiving Date	12-05-2025	Analysis Start Date	12-05-2025	Analysis Completion Date	24-05-2025
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A.Particulars of the Sample:

Name of Sample	Stack Emission	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble	Packing Mode	Packed in Polythene Pouch

General Information

- Name of Emission Source monitored : Stack Dust Collector Vent SPB (TSD – P401)
 - Rated Capacity : -
 - Capacity on Sampling day : 85 %
 - Type of Fuel used & its Consumption : Electricity
 - Normal operating Schedule : As Required
- Stack Identification : Stack attached to Dust collector Vent (TSD-P 401)
- Type of Stack/Duct (RCC/Metal) : Metal
- Stack Height from roof Level (m) : 3
- Diameter of the Stack (cm) : 10.16
- Sampling Duration (minutes) : 61
- Purpose of Monitoring : For Monitoring
- Air pollution Control Measure : Not Exist
 - Status : -
 - Recovery of Material : -
- Fugitive Emission, if any : Nil
- Sample Condition : Good

Observations:

- Flue Gas Temperature, °C, Avg. : 71
- Flue Gas Velocity(m/s), Avg. : 9.90
- Volumetric Flow Rate (Nm³/hr) : 243.6
- Ambient Air Temperature, °C : 33

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirements	Test Results
1	Particulate Matter (PM), mg/Nm ³	IS: 11255 (P-1)	80 max.	32

C. Remarks: NA-Not Applicable. Requirements as per commission for air quality management in NCR areas F.No.A- 110018101/2021CAQM/7267-7298, Dated 17/03/2022, Sampling Procedure – CITRO/QC/SOP/026 Date of Monitoring: 10-05-2025

Kumari Aparna

(Reviewed By)

Aparna
24-05-2025

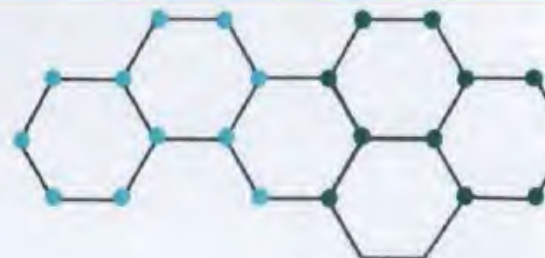


Gaurav Goyal
Technical Head
(Authorized Signatory)

Gaurav
24-05-2025

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ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.			Report No.		CITRO/QC/120525/119		
			Issue date		24-05-2025		
			NABL ULR No.		TC1533125000001119 F		
			Registration no. for Grasim Industries		25-05-30		
			Customer Ref. & Date		WO No. 4900188734 & 17-04-2025		
Sample Receiving Date		12-05-2025	Analysis Start Date		12-05-2025	Analysis Completion Date	24-05-2025

A.Particulars of the Sample:

Name of Sample	Stack Emission	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble	Packing Mode	Packed in Polythene Pouch

General Information

- Name of Emission Source monitored : Stack Dust Collector Vent (Wood Finish)
 - Rated Capacity :-
 - Capacity on Sampling day : 86 %
 - Type of Fuel used & its Consumption : Electricity
 - Normal operating Schedule : As Required
- Stack Identification : Stack attached to Dust collector Vent
Wood Finish
- Type of Stack/Duct (RCC/Metal) : Metal
- Stack Height from roof Level (m) : 3
- Diameter of the Stack (cm) : 10.16
- Sampling Duration (minutes) : 64
- Purpose of Monitoring : For Monitoring
- Air pollution Control Measure : Not Exist
 - Status :-
 - Recovery of Material :-
- Fugitive Emission, if any : Nil
- Sample Condition : Good

Observations:

- Flue Gas Temperature, °C, Avg. : 72
- Flue Gas Velocity(m/s), Avg. : 9.41
- Volumetric Flow Rate (Nm³/hr) : 231
- Ambient Air Temperature, °C : 33

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirements	Test Results
1	Particulate Matter (PM), mg/Nm ³	IS: 11255 (P-1)	80 max.	32

C. Remarks: NA -Not Applicable, Requirements as per commission for air quality monitoring in NCR areas F No.A- 110018101/2021CAQM/7267-7298, Dated | 7.03.2022, Sampling Procedure - CITRO/QC/SOP/026. Date of Monitoring: 10-05-2025

Kumari Aparna

(Reviewed By)

Signature
24-05-2025

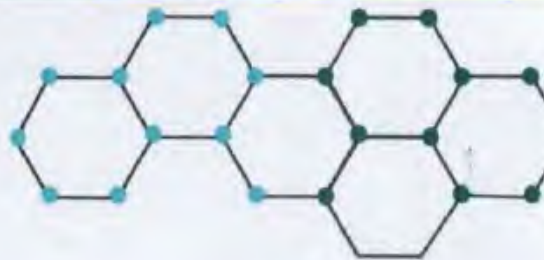


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Technical Head
(Authorized Signatory)

Signature
24-05-2025

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Format No. : CITRO/QSF/07/10

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.			Report No.		CITRO/QC/120525/123 (2)		
			Issue date		24-05-2025		
			Registration no. for Grasim Industries		25-05-30		
			Customer Ref. & Date		WO No. 4900188734 & 17-04-2025		
Sample Receiving Date:		12-05-2025	Analysis Start Date		12-05-2025	Analysis Completion Date	24-05-2025

A.Particulars of the Sample

Name of Sample	Stack Emission of (Scrubber Vent -1)	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble , 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene pouch & Vials

General Information

- Name of Emission Source monitored : Stack Emission (Scrubber Vent -1) (Resin Block)
 - Rated Capacity : -
 - Capacity on Sampling day : -do-
 - Type of Fuel used : FRP
 - Normal operating Schedule : As required
- Stack Identification : Stack attached to Scrubber Vent -1(Resin Block)
- Type of Stack/Duct (RCC/Metal) : Metal
- Stack Height from building roof (m) : 3.05
- Diameter of the Stack (cm) : 22.86
- Sampling Duration (minutes) : 38
- Purpose of Monitoring : For Monitoring
- Air pollution Control Measure : Not Exist
 - Status : -
 - Recovery of Material : -
- Fugitive Emission, if any : Nil
- Sample Condition : Good

Observations:

- Flue Gas Temperature, °C, Avg. : 68
- Flue Gas Velocity(m/s), Avg. : 7.05
- Volumetric Flow Rate (Nm³/hr) : 886
- Ambient Air Temperature, °C : 35

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirement	Test Results
1	Ammonia as NH ₃ mg/Nm ³	IS:11255	Not Specified	2.2
2	Total Volatile Organic Compounds mg/Nm ³	In House	Not Specified	1.1

C.Remarks: NA: Not Applicable, Requirements as per commission for air quality in NCR areas F.No.A- 110018101/2021CAQM/7267-7298, Dated 17.03.2022, Sampling Procedure - CITRO/QC/SOP/026 Date of Monitoring: 10-05-2025 Sampling done by: J.P.O. Below Limit of Quantification, LOQ: Limit of Quantification.

End of Test Report

Kumari Aparna

(Reviewed By)

Signature
24-05-2025

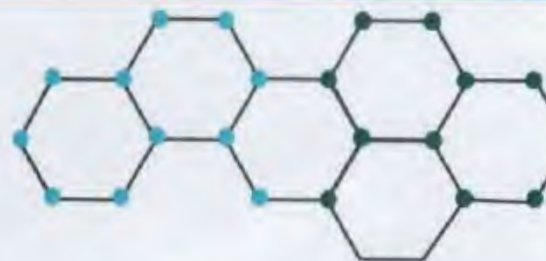


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Technical Head
(Authorized Signatory)

Signature
24-05-2025

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AGovt. Approved Testing Laboratory

Opp. Ind-Swift, Industrial Area, Village-Jawaharpur,

Derabassi, Distt. SAS Nagar, Punjab-140507

(M) +91-8528969439, +91-9560228522

E-mail : info@citrolab.com

Website : www.citrolab.com



Certified by : ISO 9001:2015, ISO : 14001:2015, ISO:45001 : 2018

TEST REPORT

Page 01 of 01

Format No. : CITRO/QSF/0716

ISSUED TO:

M/s Grasim Industries Limited

(Birla Opus Panits Divison)

Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road,
Panipat, Haryana- 132140.

Report No.	CITRO/QC/120525/124 (1)
Issue date	24-05-2025
NABL ULR No.	TC1533125000001124 F
Registration no. for Grasim Industries	25-05-30
Customer Ref. & Date	WO No. 4900188734 & 17-04-2025

Sample Receiving Date:	12-05-2025	Analysis Start Date	12-05-2025	Analysis Completion Date	24-05-2025
------------------------	------------	---------------------	------------	--------------------------	------------

A.Particulars of the Sample

Name of Sample	Stack Emission of (Scrubber Vent -2)	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble , 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene pouch & Vials

General Information

1.Name of Emission Source monitored

: Stack Emission (Scrubber Vent -2) (Emulsion Block)

a. Rated Capacity

: -

b. Capacity on Sampling day

: -do-

c. Type of Fuel used

: FRP

d. Normal operating Schedule

: As required

2. Stack Identification

: Stack attached to Scrubber Vent -2
(Emulsion Block)

3. Type of Stack/Duct (RCC/Metal)

: Metal

4. Stack Height from building roof (m)

: 3.05

5. Diameter of the Stack (cm)

: 22.86

6. Sampling Duration (minutes)

: 31

7. Purpose of Monitoring

: For Monitoring

8. Air pollution Control Measure

: Not Exist

a. Status

: -

b. Recovery of Material

: -

9. Fugitive Emission, if any

: Nil

10. Sample Condition

: Good

Observations:

1. Flue Gas Temperature, °C, Avg.	: 68
2. Flue Gas Velocity(m/s), Avg.	: 7.10
3. Volumetric Flow Rate (Nm ³ /hr)	: 892
4. Ambient Air Temperature, °C	: 35

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirement	Test Results
1	Particulate Matter, mg/Nm ³	IS: 11255 (P-1)	80 Max.	11
2	Oxides of Nitrogen (NO _x), mg/Nm ³	IS: 11255 (P-2)	50 max.	BLQ(LOQ:2.0)
3	Sulphur Dioxide as (SO ₂) mg/Nm ³	IS: 11255 (P-7)	50 max.	BLQ(LOQ:2.0)

C.Remarks: NA: Not Applicable, Requirements as per commission for air quality management in NCR areas F.No.A-110018101/2021CAQM/7267-7298, Dated 17.03.2022, Sampling Procedure - CITRO/QC/SOP/026. Date of Monitoring: 10-05-2025, Sampled by lab, BLQ: Below limit of Quantification, LOQ: Limit of Quantification

End of Test Report

Kumari Aparna

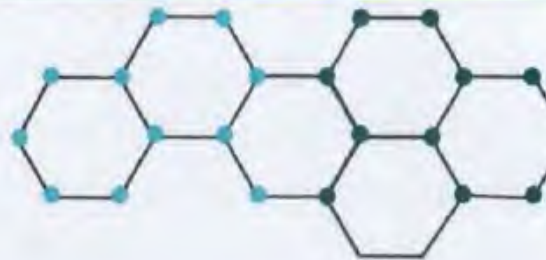
(Reviewed By)



Gaurav Goyal
Technical Head
(Authorized Signatory)

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TEST REPORT

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.			Report No.		CITRO/QC/120525/126 (2)		
			Issue date		24-05-2025		
			Registration no. for Grasim Industries		25-05-30		
			Customer Ref. & Date		WO No. 4900188734 & 17-04-2025		
Sample Receiving Date:		12-05-2025	Analysis Start Date		12-05-2025	Analysis Completion Date	24-05-2025

A.Particulars of the Sample

Name of Sample	Stack Emission of (Scrubber Vent -4)	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble , 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene pouch & Vials

General Information

1. Name of Emission Source monitored

: Stack Emission (Scrubber Vent -4)
Solvent Paint Block

a. Rated Capacity

: -

b. Capacity on Sampling day

: -do-

c. Type of Fuel used

: FRP

d. Normal operating Schedule

: As required

2. Stack Identification

: Stack attached to Scrubber Vent -4
Solvent Paint Block

3. Type of Stack/Duct (RCC/Metal)

: Metal

4. Stack Height from building roof (m)

:3.05

5. Diameter of the Stack (cm)

: 22.86

6. Sampling Duration (minutes)

: 40

7. Purpose of Monitoring

: For Monitoring

8. Air pollution Control Measure

: Not Exist

a. Status

: -

b. Recovery of Material

: -

9. Fugitive Emission, if any

: Nil

10. Sample Condition

: Good

Observations:

1. Flue Gas Temperature, °C, Avg.

: 67

2. Flue Gas Velocity(m/s), Avg.

: 7.20

3. Volumetric Flow Rate (Nm³/hr)

:907

4. Ambient Air Temperature, °C

:35

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirement	Test Results
1	Ammonia as NH ₃ mg/Nm ³	IS:11255	Not Specified	2.7
2	Total Volatile Organic Compounds mg/Nm ³	In House	Not Specified	3.5

C.Remarks: NA: Not Applicable, Requirements as per commission for air quality monitoring in CR areas F.No.A- 110018101/2021CAQM/7267-7298, Dated 17.03.2022, Sampling

Procedure - CITRO/QC/SOP/026. Date of Monitoring: 10-05-2025, Sampling done by:-

Kumari Aparna

(Reviewed By)

Signature
24-05-2025

End of Test Report



Gaurav Goyal

Technical Head

(Authorized Signatory)

Signature
24-05-2025

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Format No. : CITRO/QSE/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Paints Division) Plot No-48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.	Report No.	CITRO/QC/230825/270 (1)			
	Issue date	29-08-2025			
	NABL ULR No.	TC1533125000002324 F			
	Registration no. for Grasim Industries	25-08-115			
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025			
Sample Receiving Date	21-08-2025	Analysis Start Date	23-08-2025	Analysis Completion Date	29-08-2025

A. Particulars of the Sample

Name of Sample	Stack Emission of Scrubber Vent -3	Testing as Per	EPA -1988, PCLS 02 2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble, 50ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene pouch & Vials

General Information

1. Name of Emission Source monitored

: Stack Emission (Scrubber Vent -3)
Water Based Paint Block

a. Rated Capacity

: -

b. Capacity on Sampling day

: -do-

c. Type of Fuel used

: FRP

d. Normal operating Schedule

: As required

2. Stack Identification

: Stack attached to Scrubber Vent -3
Water Based Paint Block

3. Type of Stack Duct (RCC/Metal)

: Metal

4. Stack Height from building roof (m)

: 3.05

5. Diameter of the Stack (cm)

: 22.86

6. Sampling Duration (minutes)

: 82

7. Purpose of Monitoring

: For Monitoring

8. Air pollution Control Measure

: Not Exist

a. Status

: -

b. Recovery of Material

: -

9. Fugitive Emission, if any

: Nil

10. Sample Condition

: Good

Observations:

1. Flue Gas Temperature, °C, Avg.

: 77

2. Flue Gas Velocity (m/s), Avg.

: 7.57

3. Volumetric Flow Rate (Nm³/hr)

: 926.8

4. Ambient Air Temperature, °C

: 32

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirement	Test Results
1	Particulate Matter, mg/Nm ³	IS: 11255 (P-1)	80 Max.	18
2	Oxides of Nitrogen (NO _x), mg/Nm ³	IS: 11255 (P-7)	50 max.	BE Q/L (0.2.0)
3	Sulphur Dioxide (SO ₂), mg/Nm ³	IS: 11255 (P-2)	50 max.	BE Q/L (0.2.0)

Remarks: NO_x and SO₂ measured using continuous emission monitoring system (CEMS) at 30% Below Limit of Quantification (LOQ). Limit of Quantification: 100. Limit of Quantification: 100.

Author's Name

Grasim
29-08-2025

Epo Labs Report



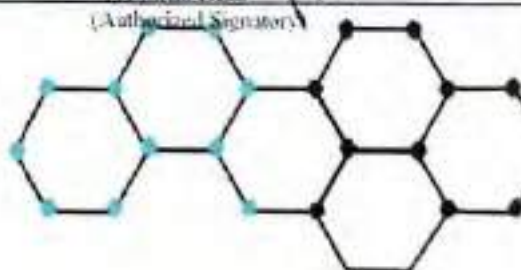
Gaurav Goyal
Technical Head

(Authorized Signatory)

Handwritten signature
29-08-2025

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TEST REPORT

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Paints Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.	Report No.		CITRO/QC/230825/271 (2)		
	Issue date		29-08-2025		
	Registration no. for Grasim Industries		25-08-115		
	Customer Ref. & Date		WO No. 4900188734 & 17-04-2025		
Sample Receiving Date:	23-08-2025	Analysis Start Date	23-08-2025	Analysis Completion Date	29-08-2025

A. Particulars of the Sample

Name of Sample	Stack Emission of (Scrubber Vent -4)	Testing as Per	EPA -1986, PCLIS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble, 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene pouch & Vials

General Information

1. Name of Emission Source monitored

- a. Rated Capacity
- b. Capacity on Sampling day
- c. Type of Fuel used
- d. Normal operating Schedule

2. Stack Identification

- 3. Type of Stack/Duct (RCC/Metal)
- 4. Stack Height from building roof (m)
- 5. Diameter of the Stack (cm)
- 6. Sampling Duration (minutes)
- 7. Purpose of Monitoring
- 8. Air pollution Control Measure
- c. Status
- d. Recovery of Material
- 9. Fugitive Emission, if any
- 10. Sample Condition

: Stack Emission (Scrubber Vent -4)
Solvent Paint Block

: -
: -do-
: FRP

: As required

: Stack attached to Scrubber Vent -4
Solvent Paint Block

: Metal

: 3.05

: 22.86

: 79

: For Monitoring

: Not Exist

: -

: -

: Nil

: Good

Observations:

- 1. Flue Gas Temperature, °C, Avg. : 74
- 2. Flue Gas Velocity (m/s), Avg. : 7.72
- 3. Volumetric Flow Rate (Nm³/hr) : 953.3
- 4. Ambient Air Temperature, °C : 32

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirement	Test Results
1	Ammonia as NH ₃ , mg/Nm ³	IS: 11255	Not Specified	2.2
2	Total Volatile Organic Compounds mg/Nm ³	In House	Not Specified	3.2

* Results NA, Not Applicable, Requirements as per contract for air quality monitoring in HSI area. P.No. A-115018191/2021, 02/06/2020-2024, Dated 17.05.2022, Sampling Frequency: 4110302/NOP (2) End of Monitoring: 23.08.2025 Sampling Mode: 24/7, Detection of: Quantification, LOD: Limit of Quantification

Kumari Aparna

(Reviewed By)

Gaurav
29-08-2025



Gaurav Goyal
Technical Head
(Authorized Signatory)

Gaurav
29-08-2025

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TEST REPORT

Page 01 of 01

Form No. : CITRO/QSF/0716

ISSUED TO:	Report No.	CITRO/QC/230825/274 (2)
M/s Grasm Industries Limited	Issue date	29-08-2025
(Birla Opus Paints Division)	Registration no. for	25-08-115
Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road	Grasm Industries	
Panipat Haryana 132140	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025
Sample Receiving Date: 23-08-2025	Analysis Start Date	23-08-2025
	Analysis Completion Date	29-08-2025

A. Particulars of the Sample

Name of Sample	Stack Emission of Process Vent -3	Testing as Per	EPA -1986, PCL/S02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Ltr (SO ₂), 25 ml (NO ₂)	Packaging Mode	Packed in Polythene pouch & Vials

General Information

1. Name of Emission Source monitored

- Rated Capacity
- Capacity on Sampling day
- Type of Fuel used
- Normal operating Schedule

2. Stack Identification

3. Type of Stack/Duct (RCC/Metal)

4. Stack Height from building roof (m)

5. Diameter of the Stack (cm)

6. Sampling Duration (minutes)

7. Purpose of Monitoring

8. Air pollution Control Measure

c. Status

d. Recovery of Material

9. Fugitive Emission, if any

10. Sample Condition

: Stack Emission (Process Vent -3)

: -

: -do-

: FRP

: As required

: Stack attached to Process Vent-3

: Metal

: 3.05

: 22.86

: 77

: For Monitoring

: Not Exist

: -

: -

: Nil

: Good

Observations:

1. Flue Gas Temperature, °C, Avg.

: 78

2. Flue Gas Velocity (m/s), Avg.

: 8.02

3. Volumetric Flow Rate (Nm³/hr)

: 979

4. Ambient Air Temperature, °C

: 32

B. Test Results:

Sl. No.	Test Parameter	Test Method	Requirement	Test Results
1	Ammonia as NH ₃ mg/Nm ³	IS:11255	Not Specified	1.1
2	Total Volatile Organic Compounds mg/Nm ³	In House	Not Specified	2.5

C. Remarks: N/A Not Applicable. Requirement as per compliance for air quality management in Haryana under E No 5-11/2010/15202/CA/2014/71/17-2024, dated 12.01.2022, New Delhi.
Location: T-1 (HSIDC) Industrial Estate, Derabassi, Distt. SAS Nagar, Punjab-140507, Sampling done on 23-08-2025.

Kamini Agrawal

(Reviewed By)

Final Test Report



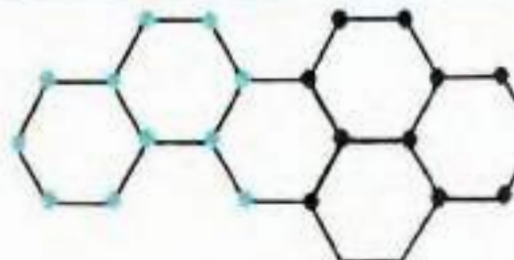
Gourav Goyal

Technical Head

(Authorized Signatory)

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			Issue date		26-09-2025	
			NABL UIR No.		TC1533125000002596 F	
			Registration no. for Grasim Industries		25-09-33	
			Customer Ref. & Date		WO No. 4900188734 & 17-04-2025	
Sample Receiving Date	13-09-2025	Analysis Start Date	13-09-2025	Analysis Completion Date	26-09-2025	

A. Particulars of the Sample:

Name of Sample	Stack Emission	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble	Packing Mode	Packed in Polythene Pouch

General Information

- Name of Emission Source monitored : Stack Dust Collector Vent -I MXP601
 - Rated Capacity : -
 - Capacity on Sampling day : 85 %
 - Type of Fuel used: Electricity
 - Normal operating Schedule : As Required
- Stack Identification : Stack attached to Dust Collector Vent -I (MXP601)
- Type of Stack/Duct (RCC/Metal) : Metal
- Stack Height from roof Level (m) : 3
- Diameter of the Stack (cm) : 10.16
- Sampling Duration (minutes) : 37
- Purpose of Monitoring : For Self Monitoring
- Air pollution Control Measure : Not Exist
 - Status : -
 - Recovery of Material : -
- Fugitive Emission, if any : Nil
- Sample Condition : Good

Observations:

- Flue Gas Temperature, °C, Avg. : 82
- Flue Gas Velocity(m/s), Avg. : 7.63
- Volumetric Flow Rate (Nm³/hr) : 182
- Ambient Air Temperature, °C : 32

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirements	Test Results
1	Particulate Matter (PM), mg/Nm ³	IS: 11255 (P-1)	80 max.	30

C. Remarks: NA:-Not Applicable, Requirements as per commission for air quality management in NCR areas F No. A-110018101/2021CAQM/7267-7298, Dated 17.03.2022, Sampling Procedure: CITRO/QC/SOP/026. Date of Monitoring: 11-09-2025

*** End of Test Report ***

Kumari Aparna
(Reviewed By)

Signature
26-09-2025



Gaurav Goyal
Technical Head
(Authorized Signatory)

Signature
26-09-2025

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			Issue date		26-09-2025
			NABL ULR No.		TC1533125000002600F
			Registration no. for Grasim Industries		25-09-33
			Customer Ref. & Date		WO No. 4900188734 & 17-04-2025
Sample Receiving Date	13-09-2025	Analysis Start Date	13-09-2025	Analysis Completion Date	26-09-2025

A.Particulars of the Sample:

Name of Sample	Stack Emission	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble	Packing Mode	Packed in Polythene Pouch

General Information

- Name of Emission Source monitored : Stack Dust Collector Vent (P6070C64011)
 - Rated Capacity : -
 - Capacity on Sampling day : 86 %
 - Type of Fuel used : Electricity
 - Normal operating Schedule : As Required
- Stack Identification : Stack attached to Dust Collector Vent -5 (P6070C64011)
- Type of Stack/Duct (RCC/Metal) : Metal
- Stack Height from roof Level (m) : 3
- Diameter of the Stack (cm) : 10.16
- Sampling Duration (minutes) : 38
- Purpose of Monitoring : For Self Monitoring
- Air pollution Control Measure : Not Exist
 - Status : -
 - Recovery of Material : -
- Fugitive Emission, if any : Nil
- Sample Condition : Good

Observations:

- Flue Gas Temperature, °C, Avg. : 70
- Flue Gas Velocity(m/s), Avg. : 6.49
- Volumetric Flow Rate (Nm³/hr) : 171.2
- Ambient Air Temperature, °C : 32

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirements	Test Results
1	Particulate Matter (PM), mg/Nm ³	IS: 11255 (P-1)	80 max.	33

C. Remarks: NA:-Not Applicable, Requirements as per commission for air quality management in NCR areas F.No.A-110018101/2021CAQM/7267-7298, Dated 17.03.2022, Sampling Procedure – CITRO/QC/SOP/026. Date of Monitoring: 11-09-2025

End of Test Report

Kumari Aparna

(Reviewed By)

[Signature]
26-09-2025



Gaurav Goyal
Technical Head
(Authorized Signatory)

[Signature]
26-09-2025

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Paints Division) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.			Report No.		CITRO/QC/130925/198	
			Issue date		26-09-2025	
			NABL ULR No.		TC1533125000002601F	
			Registration no. for Grasim Industries		25-09-33	
			Customer Ref. & Date		WO No. 4900188734 & 17-04-2025	
Sample Receiving Date	13-09-2025	Analysis Start Date	13-09-2025	Analysis Completion Date	26-09-2025	

A.Particulars of the Sample:

Name of Sample	Stack Emission	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble	Packing Mode	Packed in Polythene Pouch

General Information

- | | |
|--------------------------------------|--|
| 1. Name of Emission Source monitored | : Stack Dust Collector Vent (Wood Finish) |
| a. Rated Capacity | : - |
| b. Capacity on Sampling day | : 86 % |
| c. Type of Fuel used | : Electricity |
| d. Normal operating Schedule | : As Required |
| 2. Stack Identification | : Stack attached to Dust Collector Vent -6 (Wood Finish) |
| 3. Type of Stack/Duct (RCC/Metal) | : Metal |
| 4. Stack Height from roof Level (m) | : 3 |
| 5. Diameter of the Stack (cm) | : 10.16 |
| 6. Sampling Duration (minutes) | : 39 |
| 7. Purpose of Monitoring | : For Self Monitoring |
| 8. Air pollution Control Measure | : Not Exist |
| a. Status | : - |
| b. Recovery of Material | : - |
| 9. Fugitive Emission, if any | : Nil |
| 10. Sample Condition | : Good |

Observations:

- | | |
|---|---------|
| 1. Flue Gas Temperature, °C, Avg. | : 76 |
| 2. Flue Gas Velocity(m/s), Avg. | : 6.90 |
| 3. Volumetric Flow Rate (Nm ³ /hr) | : 167.3 |
| 4. Ambient Air Temperature, °C | : 32 |

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirements	Test Results
1	Particulate Matter (PM), mg/Nm ³	IS: 11255 (P-1)	80 max.	30

C. Remarks: NA:-Not Applicable, Requirements as per commission for air quality management in NCR areas F.No.A-110018101/2021CAQM/7267-7298, Dated 17.03.2022, Sampling Procedure - CITRO/QC/SOP/026. Date of Monitoring: 11-09-2025

End of Test Report

Kumari Aparna

(Reviewed By)

Aparna
26-09-2025



Gaurav Goyal
Technical Head

(Authorized Signatory)

Gaurav
26-09-2025

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TEST REPORT

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road Panipat Haryana 132140			Report No.		CITRO/QC/150725/353 (2)			
			Issue date		26-07-2025			
			Registration no. for Grasim Industries		25-07-55			
			Customer Ref. & Date		WO No. 4900188734 & 17-04-2025			
Sample Receiving Date:		15-07-2025	Analysis Start Date		15-07-2025	Analysis Completion Date		26-07-2025

A. Particulars of the Sample

Name of Sample	Stack Emission of Process Vent -I	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble, 30ml (SO ₂), 25 ml (NO _x)	Packing Mode	Packed in Polythene pouch & Vials

General Information

1. Name of Emission Source monitored

- Rated Capacity
- Capacity on Sampling day
- Type of Fuel used
- Normal operating Schedule

: Stack Emission (Process Vent -I)

: -

: -do-

: FRP

: As required

2. Stack Identification

: Stack attached to Process Vent-I

3. Type of Stack/Duct (RCC/Metal)

: Metal

4. Stack Height from building roof (m)

: 3.05

5. Diameter of the Stack (cm)

: 22.86

6. Sampling Duration (minutes)

: 38

7. Purpose of Monitoring

: For Monitoring

8. Air pollution Control Measure

: Not Exist

a. Status

: -

b. Recovery of Material

: -

9. Fugitive Emission, if any

: Nil

10. Sample Condition

: Good

Observations:

1. Flue Gas Temperature, °C, Avg.

: 68

2. Flue Gas Velocity (m/s), Avg.

: 7.01

3. Volumetric Flow Rate (Nm³/hr)

: 881

4. Ambient Air Temperature, °C

: 38

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirement	Test Results
1	Ammonia as NH ₃ , mg/Nm ³	IS:11255	Not Specified	1.1
2	Total Volatile Organic Compounds mg/Nm ³	In House	Not Specified	1.5

C. Remarks: NA. Not Applicable. Requirements as per contract/contract or quality management system. F.No. 1885/001/2011(CAQSI)2557-2996, Dated 17-03-2022, Sampling Procedures - CITRO/QC/SOP/026, Date of Amendment: 14-07-2025, Sampling done by lab.

End of Test Report

Kumari Aparna

(Reviewed By)

Signature
26-07-2025



Gaurav Goyal

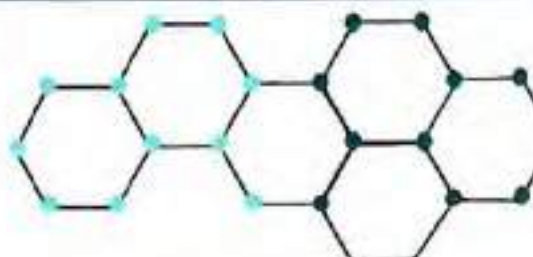
Technical Head

(Authorized Signatory)

Signature
26-07-2025

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road Panipat Haryana 132140			Report No.		CITRO/QC/150725/354 (1)			
			Issue date		26-07-2025			
			NABL ULR No.		TC1533125000002022 F			
			Registration no. for Grasim Industries		25-07-55			
			Customer Ref. & Date		WO No. 4900188734 & 17-04-2025			
Sample Receiving Date:		15-07-2025	Analysis Start Date		15-07-2025	Analysis Completion Date		26-07-2025

A. Particulars of the Sample

Name of Sample	Stack Emission of Process Vent -2	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble, 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene pouch & Vials

General Information

1. Name of Emission Source monitored

a. Rated Capacity

b. Capacity on Sampling day

c. Type of Fuel used

d. Normal operating Schedule

: Stack Emission (Process Vent -2)

: -

: -do-

: FRP

: As required

2. Stack Identification

: Stack attached to Process Vent-2

3. Type of Stack/Duct (RCC/Metal)

: Metal

4. Stack Height from building roof (m)

: 3.05

5. Diameter of the Stack (cm)

: 22.86

6. Sampling Duration (minutes)

: 40

7. Purpose of Monitoring

: For Monitoring

8. Air pollution Control Measure

: Not Exist

a. Status

: -

b. Recovery of Material

: -

9. Fugitive Emission, if any

: Nil

10. Sample Condition

: Good

Observations:

1. Flue Gas Temperature, °C, Avg.

: 73

2. Flue Gas Velocity (m/s), Avg.

: 6.85

3. Volumetric Flow Rate (Nm³/hr)

: 848.3

4. Ambient Air Temperature, °C

: 38

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirement	Test Results
1	Particulate Matter, mg/Nm ³	IS: 11255 (P-1)	80 Max.	18
2	Oxides of Nitrogen NO ₂ , mg/Nm ³	IS: 11255 (P-2)	50 max.	BLQ (LOQ: 2.0)
3	Sulphur Dioxide as SO ₂ , mg/Nm ³	IS: 11255 (P-7)	50 max.	BLQ (LOQ: 2.0)

C. Remarks: NA - Not Applicable, Requirements as per commission for air quality management in NCR areas F No A- 110018101/2021CAQM/7267-7298, Dated 17.03.2022, Sampling Procedure - CITRO/QC/SOP/026 Date of Monitoring: 14-07-2025, Sampling done by lab, BLQ - Below limit of Quantification, LOQ - Limit of Quantification

End of Test Report

Kumari Aparna

(Reviewed By)

Gaurav Goyal
Technical Head

(Authorized Signatory)

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TEST REPORT

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Paints Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.	Report No.	CITRO/QC/130925/203 (2)		
	Issue date	26-09-2025		
	Registration no. for Grasim Industries	25-09-33		
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025		
Sample Receiving Date:	13-09-2025	Analysis Start Date	13-09-2025	Analysis Completion Date 26-09-2025

A.Particulars of the Sample

Name of Sample	Stack Emission of (Scrubber Vent -1)	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble , 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene pouch & Vials

General Information

1.Name of Emission Source monitored

: Stack Emission (Scrubber Vent -1)
Resin Block

a. Rated Capacity

: -

b. Capacity on Sampling day

: -do-

c. Type of Fuel used

: FRP

d. Normal operating Schedule

: As required

2. Stack Identification

: Stack attached to Scrubber Vent -1
(Resin Block)

3. Type of Stack/Duct (RCC/Metal)

: Metal

4. Stack Height from building roof (m)

: 3.05

5. Diameter of the Stack (cm)

: 22.86

6. Sampling Duration (minutes)

: 79

7. Purpose of Monitoring

: For Monitoring

8. Air pollution Control Measure

: Not Exist

a. Status

: -

b. Recovery of Material

: -

9. Fugitive Emission, if any

: Nil

10. Sample Condition

: Good

Observations:

1. Flue Gas Temperature, °C, Avg.

: 81

2. Flue Gas Velocity(m/s), Avg.

: 6.85

3. Volumetric Flow Rate (Nm³/hr)

: 829.1

4. Ambient Air Temperature, °C

: 32

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirement	Test Results
1	Ammonia as NH ₃ mg/Nm ³	IS:11255	Not Specified	2.4
2	Total Volatile Organic Compounds mg/Nm ³	In House	Not Specified	3.3

C. Remarks: NA: Not Applicable, Requirements as per commission for air quality management in NEP No.A- 11/018101/2021CAQM/7267-7298, Dated 17.03.2022. Sampling Procedure - CITRO/QC/SOP/026. Date of Monitoring: 11-09-2025 Sampling done by lab. BLQ: Below limit of Quantification, LOQ: Limit of Quantification

Kumari Aparna

(Reviewed By)

End of Test Report



Gaurav Goyal
Technical Head
(Authorized Signatory)

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TEST REPORT

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Paints Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.			Report No.		CITRO/QC/130925/204(1)			
			Issue date		26-09-2025			
			NABL ULR No.		TC1533125000002607F			
			Registration no. for Grasim Industries		R-25-09-33			
			Customer Ref. & Date		WO No. 4900188734 & 17-04-2025			
Sample Receiving Date:		13-09-2025	Analysis Start Date		13-09-2025	Analysis Completion Date		26-09-2025

A.Particulars of the Sample

Name of Sample	Stack Emission of (Scrubber Vent -2)	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble, 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene pouch & Vials

General Information

1.Name of Emission Source monitored

- Rated Capacity
- Capacity on Sampling day
- Type of Fuel used
- Normal operating Schedule

2. Stack Identification

- Type of Stack/Duct (RCC/Metal)
- Stack Height from building roof (m)
- Diameter of the Stack (cm)
- Sampling Duration (minutes)
- Purpose of Monitoring
- Air pollution Control Measure
 - Status
 - Recovery of Material
- Fugitive Emission, if any
- Sample Condition

: Stack Emission (Scrubber Vent -2)
(Emulsion Block)

: -
: -do-
: FRP
: As required
: Stack attached to Scrubber Vent -2
(Emulsion Block)
: Metal
: 3.05
: 22.86
: 37
: For Self Monitoring
: Not Exist
: -
: -
: Nil
: Good

Observations:

- Flue Gas Temperature, °C, Avg. : 64
- Flue Gas Velocity(m/s), Avg. : 6.97
- Volumetric Flow Rate (Nm³/hr) : 886.2
- Ambient Air Temperature, °C : 32

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirement	Test Results
1	Particulate Matter, mg/Nm ³	IS: 11255 (P-1)	80 Max.	12
2	Oxides of Nitrogen (NO ₂), mg/Nm ³	IS: 11255 (P-7)	50 max.	BLQ(LOQ:2.0)
3	Sulphur Dioxide as (SO ₂) mg/Nm ³	IS: 11255 (P-2)	50 max.	BLQ(LOQ:2.0)

C.Remarks: NA. Not Applicable, Requirements as per commission for air quality management in NCR areas F.No.A- 110018101/2021CAQM/7267-7208, Dated 17.03.2022. Sampling Procedure - CITRO/QC/SOP/026; Date of Monitoring- 11-09-2025, Sampling done by lab, BLQ: Below limit of Quantification, LOQ: Limit of Quantification.

End of Test Report

Kumari Aparna

(Reviewed By)

Gaurav Goyal
Technical Head
(Authorized Signatory)

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TEST REPORT

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Paints Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.			Report No.		CITRO/QC/130925/206(1)			
			Issue date		26-09-2025			
			NABL ULR No.		TC1533125000002609F			
			Registration no. for Grasim Industries		25-09-33			
			Customer Ref. & Date		WO No. 4900188734 & 17-04-2025			
Sample Receiving Date:		13-09-2025	Analysis Start Date		13-09-2025	Analysis Completion Date		26-09-2025

A.Particulars of the Sample

Name of Sample	Stack Emission of (Scrubber Vent -4)	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble, 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene pouch & Vials

General Information

1.Name of Emission Source monitored

: Stack Emission (Scrubber Vent -4)
Solvent Paint Block

- Rated Capacity
- Capacity on Sampling day
- Type of Fuel used
- Normal operating Schedule

: -
: -do-
: FRP
: As required

2. Stack Identification

: Stack attached to Scrubber Vent -4
:Solvent Paint Block

3. Type of Stack/Duct (RCC/Metal)

: Metal

4. Stack Height from building roof (m)

:3.05

5. Diameter of the Stack (cm)

: 22.86

6. Sampling Duration (minutes)

: 40

7. Purpose of Monitoring

: For Monitoring

8. Air pollution Control Measure

: Not Exist

a.Status

: -

b.Recovery of Material

: -

9. Fugitive Emission, if any

: Nil

10. Sample Condition

: Good

Observations:

1.Flue Gas Temperature, °C, Avg.

: 62

2.Flue Gas Velocity(m/s), Avg.

: 6.47

3.Volumetric Flow Rate (Nm³/hr)

: 827.5

4. Ambient Air Temperature, °C

: 32

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirement	Test Results
1	Particulate Matter, mg/Nm ³	IS: 11255 (P-1)	80 Max.	14
2	Oxides of Nitrogen (NO _x), mg/Nm ³	IS: 11255 (P-7)	50 max.	BLQ(LOQ:2.0)
3	Sulphur Dioxide as (SO ₂) mg/Nm ³	IS: 11255 (P-2)	50 max.	BLQ(LOQ:2.0)

C.Remarks: NA: Not Applicable, Requirements as per commission for air quality management in NCR areas F.No.A- 110018101/2021CAQM/7267-7298, Dated 17.03.2022, Sampling Procedure - CITRO/QC/SOP/026 Date of Monitoring: 11-09-2025, Sampling done by Lab. ID: 50. Below limit of Quantification, LOQ: Limit of Quantification

Kumari Aparna

(Reviewed By)

End of Test Report

Gaurav Goyal
Technical Head

(Authorized Signatory)

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TEST REPORT

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Format No. : CITRO/QSI/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.			Format No. : CITRO/QSI/0716		
			Report No.		CITRO/QC/150725/349 (1)
			Issue date		26-07-2025
			NABL ULR No.		TC1533125000002017 F
			Registration no. for Grasim Industries		25-07-55
			Customer Ref. & Date		WO No. 4900188734 & 17-04-2025
Sample Receiving Date:		15-07-2025	Analysis Start Date		15-07-2025
			Analysis Completion Date		26-07-2025

A. Particulars of the Sample

Name of Sample	Stack Emission of (Scrubber Vent -1)	Testing as Per	EPA -1986, PCL/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thinlic, 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene pouch & Vials

General Information

1. Name of Emission Source monitored

- Rated Capacity
- Capacity on Sampling day
- Type of Fuel used
- Normal operating Schedule

: Stack Emission (Scrubber Vent -1) (Resin Block)

: -

: -do-

: FRP

: As required

2. Stack Identification

: Stack attached to Scrubber Vent -1 (Resin Block)

3. Type of Stack/Duct (RCC/Metal)

: Metal

4. Stack Height from building roof (m)

: 3.05

5. Diameter of the Stack (cm)

: 22.86

6. Sampling Duration (minutes)

: 77

7. Purpose of Monitoring

: For Monitoring

8. Air pollution Control Measure

: Not Exist

a. Status

: -

b. Recovery of Material

: -

9. Fugitive Emission, if any

: Nil

10. Sample Condition

: Good

Observations:

1. Flue Gas Temperature, °C, Avg.

: 80

2. Flue Gas Velocity (m/s), Avg.

: 8.04

3. Volumetric Flow Rate (Nm³/hr)

: 976

4. Ambient Air Temperature, °C

: 38

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirement	Test Results
1	Particulate Matter, mg/Nm ³	IS: 11253 (P-1)	80 Max.	12
2	Oxides of Nitrogen (NO _x), mg/Nm ³	IS: 11253 (P-2)	50 max.	BLQ (LOQ: 2.0)
3	Sulphur Dioxide as (SO ₂), mg/Nm ³	IS: 11253 (P-2)	50 max.	BLQ (LOQ: 2.0)

C. Remarks: Nil. Not Applicable. Requirements as per Government for air quality management in NCR areas. File No. A-18801801/2023/CQA/V267-2235. Dated: 13.04.2022. Sampling Protocol - CITRO/QSI/0716. Date of Reviewing: 19-07-2025. Sampling done by Jh, BLQ. Below limit of Quantification, LOQ: Limit of Quantification

End of Test Report

Kumari Aparna

(Reviewed By)

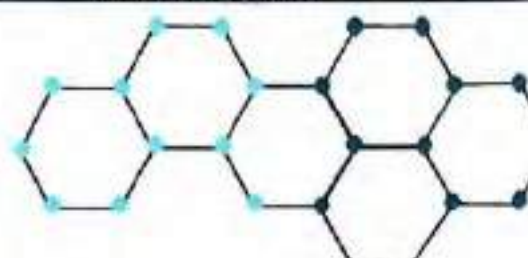
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Technical Head

(Authorized Signatory)

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TEST REPORT

Page 01 of 01

Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.	Report No.	CITRO/QC/140725/350 (2)	
	Issue date	26-07-2025	
	Registration no. for Grasim Industries	25-07-55	
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025	
Sample Receiving Date:	15-07-2025	Analysis Start Date	15-07-2025
		Analysis Completion Date	26-07-2025

A.Particulars of the Sample

Name of Sample	Stack Emission of (Scrubber Vent -2)	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble , 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene pouch & Vials

General Information

- | | |
|--|---|
| 1. Name of Emission Source monitored | : Stack Emission (Scrubber Vent -2) (Emulsion Block) |
| a. Rated Capacity | : - |
| b. Capacity on Sampling day | : -do- |
| c. Type of Fuel used | : FRP |
| d. Normal operating Schedule | : As required |
| 2. Stack Identification | : Stack attached to Scrubber Vent -2 (Emulsion Block) |
| 3. Type of Stack/Duct (RCC/Metal) | : Metal |
| 4. Stack Height from building roof (m) | : 3.05 |
| 5. Diameter of the Stack (cm) | : 22.86 |
| 6. Sampling Duration (minutes) | : 72 |
| 7. Purpose of Monitoring | : For Monitoring |
| 8. Air pollution Control Measure | : Not Exist |
| a. Status | : - |
| b. Recovery of Material | : - |
| 9. Fugitive Emission, if any | : Nil |
| 10. Sample Condition | : Good |

Observations:

- | | |
|---|----------|
| 1. Flue Gas Temperature, °C, Avg. | : 70 |
| 2. Flue Gas Velocity(m/s), Avg. | : 8.34 |
| 3. Volumetric Flow Rate (Nm ³ /hr) | : 1041.9 |
| 4. Ambient Air Temperature, °C | : 38 |

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirement	Test Results
1	Ammonia as NH ₃ mg/Nm ³	IS:11255	Not Specified	3.1
2	Total Volatile Organic Compounds mg/Nm ³	In House	Not Specified	4.2

C.Remarks: NA Not Applicable, Requirements as per commission for air quality management in NCIR areas F No A- 110018101/2021CAQM/7267-7298, Dated 17/03/2022. Sampling Procedure - CITRO/QC/SOI/026 Date of Monitoring: 14-07-2025, Sampling done by lab

End of Test Report

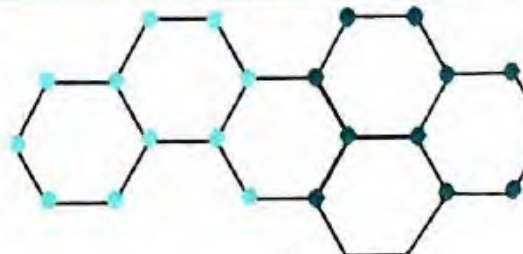
Kumari Aparna

(Reviewed By)

Gaurav Goyal
Technical Head
(Authorized Signatory)

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.			Report No.		CITRO/QC/150725/352 (1)				
			Issue date		26-07-2025				
			NABL ULR No.		TC153312500002020 F				
			Registration no. for Grasim Industries		25-07-55				
			Customer Ref. & Date		WO No. 4900188734 & 17-04-2025				
Sample Receiving Date:		15-07-2025	Analysis Start Date		15-07-2025	Analysis Completion Date		26-07-2025	

A. Particulars of the Sample

Name of Sample	Stack Emission of (Scrubber Vent -4)	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble, 30ml (SO ₂), 25 ml (NO _x)	Packing Mode	Packed in Polythene pouch & Vials

General Information

1. Name of Emission Source monitored

- Rated Capacity
- Capacity on Sampling day
- Type of Fuel used
- Normal operating Schedule

: Stack Emission (Scrubber Vent -4)
Solvent Paint Block

: -

: -do-

: FRP

: As required

2. Stack Identification

: Stack attached to Scrubber Vent -4
Solvent Paint Block

3. Type of Stack/Duct (RCC/Metal)

: Metal

4. Stack Height from building roof (m)

: 3.05

5. Diameter of the Stack (cm)

: 22.86

6. Sampling Duration (minutes)

: 72

7. Purpose of Monitoring

: For Monitoring

8. Air pollution Control Measure

: Not Exist

a. Status

: -

b. Recovery of Material

: -

9. Fugitive Emission, if any

: Nil

10. Sample Condition

: Good

Observations:

- Flue Gas Temperature, °C, Avg.
- Flue Gas Velocity (m/s), Avg.
- Volumetric Flow Rate (Nm³/hr)
- Ambient Air Temperature, °C

: 70

: 8.42

: 1052

: 38

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirement	Test Results
1	Particulate Matter, mg/Nm ³	IS: 11233 (P-1)	80 Max.	12
2	Oxides of Nitrogen (NO _x), mg/Nm ³	IS: 11255 (P-7)	50 max.	BLQ (LLOQ) 2 (1)
3	Sulphur Dioxide as (SO ₂), mg/Nm ³	IS: 11255 (P-2)	50 max.	BLQ (LLOQ) 2 (1)

1. Result: As per Applicable Requirement as per standard for air quality monitored in SO₂ and PM₁₀ (IS: 11233/11255) and NO_x (IS: 11255) Sampling Procedure: CITRO/QSF/0716 (Rev. 1)

2. Result: As per Applicable Requirement as per standard for air quality monitored in SO₂ and PM₁₀ (IS: 11233/11255) and NO_x (IS: 11255) Sampling Procedure: CITRO/QSF/0716 (Rev. 1)

Kumari Aparna

(Reviewed by)

Signature

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Gourav Goyal
Technical Head
(Authorized Signatory)





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TEST REPORT

Page 01 of 01

Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road Panipat Haryana 132140			Report No.		CITRO/QC/300425/330	
			Issue date		08-05-2025	
			NABL ULR No.		TC1533125000000921 F	
			Regestration no. for Grasim Industries		25-04-123	
			Customer Ref. & Date		WO No. 4900188734 & 17-04-2025	
Sample Receiving Date	30-04-2025	Analysis Start Date	30-04-2025	Analysis Completion Date	08-05-2025	

A.Particulars of the Sample:

Name of Sample	Stack Emission	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble	Packing Mode	Packed in Polythene Pouch

General Information

- Name of Emission Source monitored : Stack Dust Collector Vent -SPB (TSD -P404)
 - Rated Capacity : -
 - Capacity on Sampling day : 86 %
 - Type of Fuel used & its Consumption : Electricity
 - Normal operating Schedule : As required
- Stack Identification : Stack attached to Dust Collector (TSD-P404)
- Type of Stack/Duct (RCC/Metal) : Metal
- Stack Height from roof Level (m) : 3
- Diameter of the Stack (cm) : 10.16
- Sampling Duration (minutes) : 83
- Purpose of Monitoring : For Monitoring
- Air pollution Control Measure : Not Exist
 - Status : -
 - Recovery of Material : -
- Fugitive Emission, if any : Nil
- Sample Condition : Good

Observations:

- Flue Gas Temperature, °C, Avg. : 85
- Flue Gas Velocity(m/s), Avg. : 7.57
- Volumetric Flow Rate (Nm³/hr) : 178.9
- Ambient Air Temperature, °C : 38

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirements	Test Results
1	Particulate Matter (PM), mg/Nm ³	IS: 11255 (P-1)	80 max.	30

C. Remarks: NA -Not Applicable. Requirements as per commission for air quality monitoring under CR areas F.No.A- 110018101/2021CAQM/7267-7298, Dated 17.03.2022, Sampling Procedure - CITRO/QC/SOP/026, Date of Monitoring, 28-04-2025

Kumari Aparna

(Reviewed By)

Signature
08-05-2025

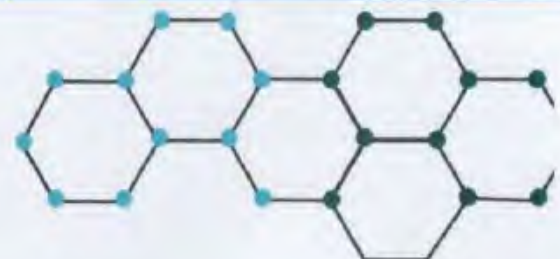


Gaurav Goyal
Technical Head
(Authorized Signatory)

Signature
08-05-2025

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road Panipat Haryana 132140			Report No.		CITRO/QC/300425/331			
			Issue date		08-05-2025			
			NABL ULR No.		TC1533125000000922 F			
			Registration no. for Grasim Industries		25-04-123			
			Customer Ref. & Date		WO No. 4900188734 & 17-04-2025			
Sample Receiving Date		30-04-2025	Analysis Start Date		30-04-2025	Analysis Completion Date		08-05-2025

A. Particulars of the Sample:

Name of Sample	Stack Emission	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble	Packing Mode	Packed in Polythene Pouch

General Information

- Name of Emission Source monitored : Stack Dust Collector Vent SPB (TSD-P403)
 - Rated Capacity : -
 - Capacity on Sampling day : 86 %
 - Type of Fuel used & its Consumption : Electricity
 - Normal operating Schedule : As required
- Stack Identification : Stack attached to Dust Collector (TSD-P403)
- Type of Stack/Duct (RCC/Metal) : Metal
- Stack Height from roof Level (m) : 3
- Diameter of the Stack (cm) : 10.16
- Sampling Duration (minutes) : 80
- Purpose of Monitoring : For Monitoring
- Air pollution Control Measure : Not Exist
 - Status : -
 - Recovery of Material : -
- Fugitive Emission, if any : Nil
- Sample Condition : Good

Observations:

- Flue Gas Temperature, °C, Avg. : 90
- Flue Gas Velocity (m/s), Avg. : 7.98
- Volumetric Flow Rate (Nm³/hr) : 186
- Ambient Air Temperature, °C : 38

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirements	Test Results
1	Particulate Matter (PM), mg/Nm ³	IS: 11255 (P-1)	80 max.	24

C. Remarks: NA-Not Applicable, Requirements as per commission for air quality improvement in NCR areas F.No.A-110018101/2021CAQM/7267-7298, Dated 17.03.2022, Sampling Procedure - CITRO/QC/SOP/026 Date of Monitoring: 28-04-2025

Kumari Aparna

(Reviewed By)

Signature
08-05-2025



Gaurav Goyal
Technical Head
(Authorized Signatory)

Signature
08-05-2025

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Format No. : CITRO/QSF/0716

ISSUED TO:

M/s Grasim Industries Limited

(Birla Opus Panits Divison)

Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road
Panipat Haryana 132140

Report No.	CITRO/QC/300425/337
Issue date	08-05-2025
NABL ULR No.	TC1533125000000928 F
Registration no. for Grasim Industries	25-04-123
Customer Ref. & Date	WO No. 4900188734 & 17-04-2025

Sample Receiving Date	30-04-2025	Analysis Start Date	30-04-2025	Analysis Completion Date	08-05-2025
-----------------------	------------	---------------------	------------	--------------------------	------------

A.Particulars of the Sample:

Name of Sample	Stack Emission	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble	Packing Mode	Packed in Polythene Pouch

General Information

- Name of Emission Source monitored : Stack Dust Collector Vent WPB
 - Rated Capacity : -
 - Capacity on Sampling day : 86 %
 - Type of Fuel used & its Consumption : Electricity
 - Normal operating Schedule : As required
- Stack Identification : Stack attached to Dust collector vent WPB
- Type of Stack/Duct (RCC/Metal) : Metal
- Stack Height from roof Level (m) : 3
- Diameter of the Stack (cm) : 10.16
- Sampling Duration (minutes) : 63
- Purpose of Monitoring : For Monitoring
- Air pollution Control Measure : Not Exist
 - Status : -
 - Recovery of Material : -
- Fugitive Emission, if any : Nil
- Sample Condition : Good

Observations:

- Flue Gas Temperature, °C, Avg. : 68
- Flue Gas Velocity(m/s), Avg. : 9.44
- Volumetric Flow Rate (Nm³/hr) : 234
- Ambient Air Temperature, °C : 38

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirements	Test Results
1	Particulate Matter (PM), mg/Nm ³	IS 1255 (P-1)	80 max.	32

* C. Remarks: NA- Not Applicable. Requirements as per commission for air quality management in NCR areas F.No.A- (10018101/2021CAQM/7267-7298, Dated 17.03.2022, Sampling Procedure - CITRO/QC/SOP/026. Date of Monitoring: 28-04-2025

Kumari Aparna

(Reviewed By)

End of Test Report

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Gaurav Goyal
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(Authorized Signatory)

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TEST REPORT

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road Panipat Haryana 132140			Report No.		CITRO/QC/300425/338 (1)	
			Issue date		08-05-2025	
			NABL ULR No.		TC153312500000929 F	
			Regestration no. for Grasim Industries		25-04-123	
			Customer Ref. & Date		WO No. 4900188734 & 17-04-2025	
Sample Receiving Date:	30-04-2025	Analysis Start Date	30-04-2025	Analysis Completion Date	08-05-2025	

A.Particulars of the Sample

Name of Sample	Stack Emission of (Scrubber Vent -1)	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble , 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene pouch & Vials

General Information

- Name of Emission Source monitored : Stack Emission (Scrubber Vent -1) (Resin Block)
 - Rated Capacity : -
 - Capacity on Sampling day : -do-
 - Type of Fuel used : FRP
 - Normal operating Schedule : As required
- Stack Identification : Stack attached to Scrubber Vent -1(Resin Block)
- Type of Stack/Duct (RCC/Metal) : Metal
- Stack Height from ground Level (m) : 3.05
- Diameter of the Stack (cm) : 22.86
- Sampling Duration (minutes) : 35
- Purpose of Monitoring : For Monitoring
- Air pollution Control Measure : Not Exist
 - Status : -
 - Recovery of Material : -
- Fugitive Emission, if any : Nil
- Sample Condition : Good

Observations:

- Flue Gas Temperature, °C, Avg. : 70
- Flue Gas Velocity(m/s), Avg. : 7.32
- Volumetric Flow Rate (Nm³/hr) : 914.5
- Ambient Air Temperature, °C : 32

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirement	Test Results
1	Particulate Matter, mg/Nm ³	IS: 11255 (P-1)	80 Max.	15
2	Oxides of Nitrogen (NO ₂), mg/Nm ³	IS: 11255 (P-2)	50 max.	BLQ(LOQ:2.0)
3	Sulphur Dioxide as (SO ₂) mg/Nm ³	IS: 11255 (P-7)	50 max.	BLQ(LOQ:2.0)

C.Remarks: NA: Not Applicable, Requirements as per commission for air quality monitoring in NCR areas F.No A- 110018101/2021CAQM/7267-7298, Dated 17.03.2022, Sampling Procedure - CITRO/QC/SOP/026- Date of Monitoring: 26-04-2025, Sampling done at 10:00 AM, Location of Quantification, LOQ: Limit of Quantification

End of Test Report

Kumari Aparna
(Reviewed By)

Signature
08-05-2025

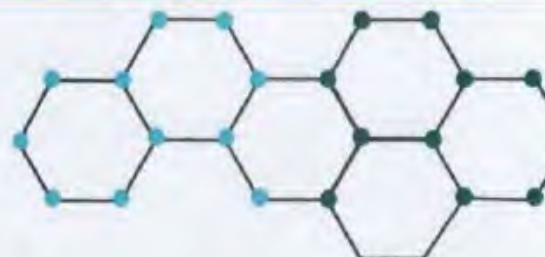


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Technical Head
(Authorized Signatory)

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08-05-2025

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TEST REPORT

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road Panipat Haryana 132140			Report No.		CITRO/QC/300425/340 (1)		
			Issue date		08-05-2025		
			NABL ULR No.		TC1533125000000931 F		
			Registration no. for Grasim Industries		25-04-123		
			Customer Ref. & Date		WO No. 4900188734 & 17-04-2025		
Sample Receiving Date:		30-04-2025	Analysis Start Date		30-04-2025	Analysis Completion Date	08-05-2025

A. Particulars of the Sample

Name of Sample	Stack Emission of (Scrubber Vent -3)	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble, 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene pouch & Vials

General Information

1. Name of Emission Source monitored

- Rated Capacity
- Capacity on Sampling day
- Type of Fuel used
- Normal operating Schedule

: Stack Emission (Scrubber Vent -3)
Water Based Paint Block

: -

: -do-

: FRP

: As required

2. Stack Identification

: Stack attached to Scrubber Vent -3
Water Based Paint Block

3. Type of Stack/Duct (RCC/Metal)

: Metal

4. Stack Height from ground Level (m)

: 3.05

5. Diameter of the Stack (cm)

: 22.86

6. Sampling Duration (minutes)

: 30

7. Purpose of Monitoring

: For Monitoring

8. Air pollution Control Measure

: Not Exist

a. Status

: -

b. Recovery of Material

: -

9. Fugitive Emission, if any

: Nil

10. Sample Condition

: Good

Observations:

- Flue Gas Temperature, °C, Avg. : 71
- Flue Gas Velocity (m/s), Avg. : 7.40
- Volumetric Flow Rate (Nm³/hr) : 921.8
- Ambient Air Temperature, °C : 32

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirement	Test Results
1	Particulate Matter, mg/Nm ³	IS: 11255 (P-1)	80 Max	18
2	Oxides of Nitrogen (NO _x), mg/Nm ³	IS: 11255 (P-2)	50 max.	BLQ (LOQ: 2.0)
3	Sulphur Dioxide as (SO ₂) mg/Nm ³	IS: 11255 (P-7)	50 max.	BLQ (LOQ: 2.0)

C. Remarks: NA: Not Applicable, Requirements as per permission for air quality management in NCR areas F.No.A- 110918101/2021CAQM/7267-7298, Dated 17.03.2022, Sampling Procedure - CITRO/QSF/0716, Date of Monitoring: 26-04-2025, Sampling by lab: BLQ: Below Limit of Quantification, LOQ: Limit of Quantification

Kumari Aparna

Signature
08-05-2025



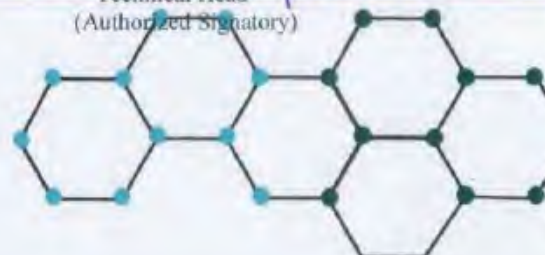
Gaurav Goyal

Technical Head
(Authorized Signatory)

Signature
08-05-2025

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road Panipat Haryana 132140			Report No.		CITRO/QC/300425/340 (2)	
			Issue date		08-05-2025	
			Registration no. for Grasim Industries		25-04-123	
			Customer Ref. & Date		WO No. 4900188734 & 17-04-2025	
Sample Receiving Date:	30-04-2025	Analysis Start Date	30-04-2025	Analysis Completion Date	08-05-2025	

A.Particulars of the Sample

Name of Sample	Stack Emission of (Scrubber Vent -3)	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble , 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene pouch & Vials

General Information

1. Name of Emission Source monitored

: Stack Emission (Scrubber Vent -3)
Water Based Paint Block

- Rated Capacity
- Capacity on Sampling day
- Type of Fuel used
- Normal operating Schedule

: -
:-do-
: FRP
: As required

2. Stack Identification

: Stack attached to (Scrubber Vent -3)
Water Based Paint Block

- Type of Stack/Duct (RCC/Metal)
- Stack Height from ground Level (m)
- Diameter of the Stack (cm)
- Sampling Duration (minutes)
- Purpose of Monitoring
- Air pollution Control Measure
 - Status
 - Recovery of Material
- Fugitive Emission, if any
- Sample Condition

: Metal
:3.05
: 22.86
: 30
: For Monitoring
: Not Exist
:-
:-
: Nil
: Good

Observations:

- Flue Gas Temperature, °C, Avg. : 71
- Flue Gas Velocity(m/s), Avg. : 7.40
- Volumetric Flow Rate (Nm³/hr) : 921.8
- Ambient Air Temperature, °C : 32

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirement	Test Results
1	Ammonia as NH ₃ mg/Nm ³	IS:11255	Not Specified	2.4
2	Total Volatile Organic Compounds mg/Nm ³	In House	Not Specified	1.3

C.Remarks: NA: Not Applicable. Requirements as per commission for air quality management in NCR areas F.No.A- 110018101/2021CAQM/7267-7298, Dated 17.03.2022, Sampling Procedure - CITRO/QC/SOP/026. Date of Monitoring: 26-04-2025, Sampling done by

Kumari Aparna

(Reviewed By)

Gaurav Goyal
Technical Head

(Authorized Signatory)

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road Panipat Haryana 132140			Report No.		CITRO/QC/300425/343 (2)	
			Issue date		08-05-2025	
			Registration no. for Grasim Industries		25-04-123	
			Customer Ref. & Date		WO No. 4900188734 & 17-04-2025	
Sample Receiving Date:	30-04-2025	Analysis Start Date	30-04-2025	Analysis Completion Date	08-05-2025	

A.Particulars of the Sample

Name of Sample	Stack Emission of Process Vent -2	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble , 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene pouch & Vials

General Information

- | | |
|---------------------------------------|------------------------------------|
| 1. Name of Emission Source monitored | : Stack Emission (Process Vent -2) |
| a. Rated Capacity | : - |
| b. Capacity on Sampling day | : -do- |
| c. Type of Fuel used | : FRP |
| d. Normal operating Schedule | : As required |
| 2. Stack Identification | : Stack attached to Process Vent-2 |
| 3. Type of Stack/Duct (RCC/Metal) | : Metal |
| 4. Stack Height from ground Level (m) | : 3.05 |
| 5. Diameter of the Stack (cm) | : 22.86 |
| 6. Sampling Duration (minutes) | : 30 |
| 7. Purpose of Monitoring | : For Monitoring |
| 8. Air pollution Control Measure | : Not Exist |
| a. Status | : - |
| b. Recovery of Material | : - |
| 9. Fugitive Emission, if any | : Nil |
| 10. Sample Condition | : Good |

Observations:

- | | |
|---|---------|
| 1. Flue Gas Temperature, °C, Avg. | : 64 |
| 2. Flue Gas Velocity (m/s), Avg. | : 6.72 |
| 3. Volumetric Flow Rate (Nm ³ /hr) | : 854.5 |
| 4. Ambient Air Temperature, °C | : 32 |

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirement	Test Results
1	Ammonia as NH ₃ mg/Nm ³	IS:11255	Not Specified	2.7
2	Total Volatile Organic Compounds mg/Nm ³	In House	Not Specified	3.8

C.Remarks: NA. Not Applicable. Requirements as per commission for air quality management in NCR areas F.No A- 110018101/2021CAQM/7267-7298, Dated 17.03.2022, Sampling Procedure - CITRO/QC/SOP/026. Date of Monitoring: 26-04-2025, Sampling done by lab

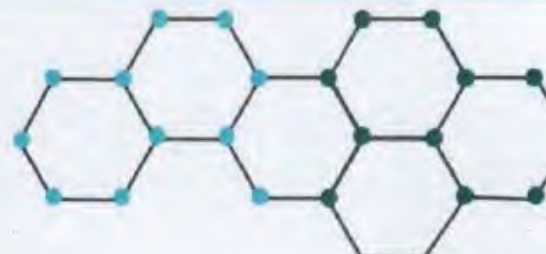
Kumari Aparna
(Reviewed By)



Gaurav Goyal
Technical Head
(Authorized Signatory)

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Format No. : CITRO/QSF/0716

ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road Panipat Haryana 132140			Report No.		CITRO/QC/300425/344 (1)		
			Issue date		08-05-2025		
			NABL ULR No.		TC1533125000000935 F		
			Registration no. for Grasim Industries		25-04-123		
			Customer Ref. & Date		WO No. 4900188734 & 17-04-2025		
Sample Receiving Date:		30-04-2025	Analysis Start Date		30-04-2025	Analysis Completion Date	08-05-2025

A.Particulars of the Sample

Name of Sample	Stack Emission of Process Vent -3	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble , 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene pouch & Vials

General Information

1.Name of Emission Source monitored

- Rated Capacity
- Capacity on Sampling day
- Type of Fuel used
- Normal operating Schedule

: Stack Emission (Process Vent -3)

: -

: -do-

: FRP

: As required

2. Stack Identification

: Stack attached to Process Vent-3

3. Type of Stack/Duct (RCC/Metal)

: Metal

4. Stack Height from ground Level (m)

:3.05

5. Diameter of the Stack (cm)

: 22.86

6. Sampling Duration (minutes)

: 30

7. Purpose of Monitoring

: For Monitoring

8. Air pollution Control Measure

: Not Exist

a. Status

: -

b. Recovery of Material

: -

9. Fugitive Emission, if any

: Nil

10. Sample Condition

: Good

Observations:

- Flue Gas Temperature, °C, Avg.
- Flue Gas Velocity(m/s), Avg.
- Volumetric Flow Rate (Nm³/hr)
- Ambient Air Temperature, °C

: 70

: 7.01

: 875.7

: 32

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirement	Test Results
1	Particulate Matter, mg/Nm ³	IS: 11255 (P-1)	80 Max.	15
2	Oxides of Nitrogen (NO ₂), mg/Nm ³	IS: 11255 (P-2)	50 max.	BLQ(LOQ:2.0)
3	Sulphur Dioxide as (SO ₂) mg/Nm ³	IS: 11255 (P-7)	50 max.	BLQ(LOQ:2.0)

C.Remarks: NA: Not Applicable, Requirements as per commission for air quality management in NCR areas F.No.A- 310018101/2021CAQM/7267-7298, Dated 17.03.2022, Sampling Procedure - CITRO/QC/SOP/026. Date of Monitoring: 26-04-2025, Sampling time: 10:00 AM, Below limit of Quantification, LOQ: Limit of Quantification.

Kumari Aparna

(Reviewed By)

Signature
08-05-2025



Gaurav Goyal

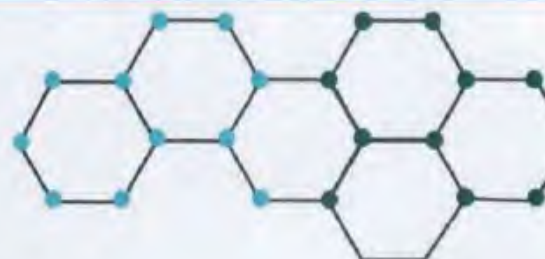
Technical Head

(Authorized Signatory)

Signature
08-05-2025

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Format No. : CITRO/QSF/0716

ISSUED TO:

M/s Grasim Industries Limited
(Birla Opus Panits Divison)
Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road,
Panipat, Haryana- 132140.

Report No.	CITRO/QC/130625/188 (2)
Issue date	19-06-2025
Registration no. for Grasim Industries	25-06-25
Customer Ref. & Date	WO No. 4900188734 & 17-04-2025

Sample Receiving Date:	13-06-2025	Analysis Start Date	13-06-2025	Analysis Completion Date	19-06-2025
------------------------	------------	---------------------	------------	--------------------------	------------

A.Particulars of the Sample

Name of Sample	Stack Emission of (Scrubber Vent -1)	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble , 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene pouch & Vials

General Information

- Name of Emission Source monitored
a. Rated Capacity
b. Capacity on Sampling day
c. Type of Fuel used
d. Normal operating Schedule
 - Stack Identification
 - Type of Stack/Duct (RCC/Metal)
 - Stack Height from building roof (m)
 - Diameter of the Stack (cm)
 - Sampling Duration (minutes)
 - Purpose of Monitoring
 - Air pollution Control Measure
a. Status
b. Recovery of Material
 - Fugitive Emission, if any
 - Sample Condition
- : Stack Emission (Scrubber Vent -1) (Resin Block)
:-
:-do-
: FRP
: As required
: Stack attached to Scrubber Vent -1(Resin Block)
: Metal
:3.05
: 22.86
: 65
: For Monitoring
: Not Exist
:-
:-
: Nil
: Good

Observations:

- Flue Gas Temperature, °C, Avg. : 75
- Flue Gas Velocity(m/s), Avg. : 9.47
- Volumetric Flow Rate (Nm³/hr) : 1166
- Ambient Air Temperature, °C : 40

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirement	Test Results
1	Ammonia as NH ₃ mg/Nm ³	IS:11255	Not Specified	2.3
2	Total Volatile Organic Compounds mg/Nm ³	In House	Not Specified	1.2

C.Remarks: NA: Not Applicable, Requirements as per commission for air quality management in NCR areas F.No A- 110018101/2021CAQM/7267-7298, Dated 17.03.2022, Sampling Procedure - CITRO/QC/SOP/026, Date of Monitoring: 12-06-2025 Sampling done by lab, BLQ: Below limit of Quantification, LOQ: Limit of Quantification.

End of Test Report

Kumari Aparna

(Reviewed By)



Gaurav Goyal
Technical Head
(Authorized Signatory)

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Format No. : CITRO/QSF/0716

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			Issue date		19-06-2025	
			Registration no. for Grasim Industries		25-06-25	
			Customer Ref. & Date		WO No. 4900188734 & 17-04-2025	
Sample Receiving Date:	13-06-2025	Analysis Start Date	13-06-2025	Analysis Completion Date		19-06-2025

A.Particulars of the Sample

Name of Sample	Stack Emission of (Scrubber Vent -2)	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble , 30ml (SO ₂), 25 ml (NO ₂)	Packing Mode	Packed in Polythene pouch & Vials

General Information

- Name of Emission Source monitored** : Stack Emission (Scrubber Vent -2) (Emulsion Block)
 - Rated Capacity** : -
 - Capacity on Sampling day** : -do-
 - Type of Fuel used** : FRP
 - Normal operating Schedule** : As required
- Stack Identification** : Stack attached to Scrubber Vent -2 (Emulsion Block)
- Type of Stack/Duct (RCC/Metal)** : Metal
- Stack Height from building roof (m)** : 3.05
- Diameter of the Stack (cm)** : 22.86
- Sampling Duration (minutes)** : 63
- Purpose of Monitoring** : For Monitoring
- Air pollution Control Measure** : Not Exist
 - Status** : -
 - Recovery of Material** : -
- Fugitive Emission, if any** : Nil
- Sample Condition** : Good

Observations:

- Flue Gas Temperature, °C, Avg.** : 73
- Flue Gas Velocity(m/s), Avg.** : 9.58
- Volumetric Flow Rate (Nm³/hr)** : 1186
- Ambient Air Temperature, °C** : 40

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirement	Test Results
1	Ammonia as NH ₃ mg/Nm ³	IS:11255	Not Specified	3.3
2	Total Volatile Organic Compounds mg/Nm ³	In House	Not Specified	4.5

C.Remarks: NA- Not Applicable, Requirements as per commission for air quality management in NCR areas F.No.A- 110918101/2021CAQM/7267-7298, Dated 17.03.2022, Sampling Procedure - CITRO/QC/SOP/026 Date of Monitoring: 12-06-2025, Sampling done by lab.

End of Test Report

Kumari Apama

(Reviewed By)

Signature
19-06-2025



Gaurav Goyal
Technical Head
(Authorized Signatory)

Signature
19-06-2025

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			Issue date		19-06-2025	
			NABL ULR No.		TC1533125000001374 F	
			Registration no. for Grasim Industries		25-06-25	
			Customer Ref. & Date		WO No. 4900188734 & 17-04-2025	
Sample Receiving Date	13-06-2025	Analysis Start Date	13-06-2025	Analysis Completion Date	19-06-2025	

A. Particulars of the Sample:

Name of Sample	Stack Emission	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble	Packing Mode	Packed in Polythene Pouch

General Information

- Name of Emission Source monitored : Stack Dust Collector Vent – WPB
 - Rated Capacity : -
 - Capacity on Sampling day : 85 %
 - Type of Fuel used & its Consumption : Electricity
 - Normal operating Schedule : As Required
- Stack Identification : Stack attached to Dust Collector Vent (WPB)
- Type of Stack/Duct (RCC/Metal) : Metal
- Stack Height from roof Level (m) : 3
- Diameter of the Stack (cm) : 10.16
- Sampling Duration (minutes) : 39
- Purpose of Monitoring : For Monitoring
- Air pollution Control Measure : Not Exist
 - Status : -
 - Recovery of Material : -
- Fugitive Emission, if any : Nil
- Sample Condition : Good

Observations:

- Flue Gas Temperature, °C, Avg. : 77
- Flue Gas Velocity(m/s), Avg. : 7.11
- Volumetric Flow Rate (Nm³/hr) : 172
- Ambient Air Temperature, °C : 39

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirements	Test Results
1	Particulate Matter (PM), mg/Nm ³	IS: 11255 (P-1)	80 max.	32

C. Remarks: NA:-Not Applicable, Requirements as per commission for air quality management in NCR areas F.No.A-110018101/2021CAQM/7267-7298, Dated 17.03.2022, Sampling Procedure – CITRO/QC/SOP/026. Date of Monitoring: 11-06-2025

Kumari Aparna

(Reviewed By)

[Signature]
19-06-2025

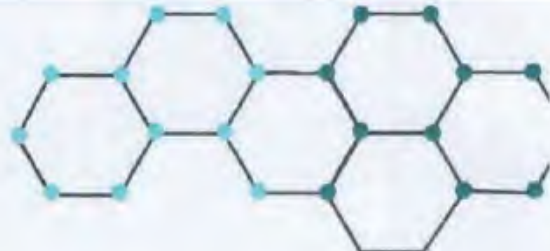


Gaurav Goyal
Technical Head
(Authorized Signatory)

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19-06-2025

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ISSUED TO: M/s Grasim Industries Limited (Birla Opus Panits Divison) Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road, Panipat, Haryana- 132140.	Report No.	CITRO/QC/130625/180		
	Issue date	19-06-2025		
	NABL ULR No.	TC1533125000001376 F		
	Registration no. for Grasim Industries	25-06-25		
	Customer Ref. & Date	WO No. 4900188734 & 17-04-2025		
Sample Receiving Date	13-06-2025	Analysis Start Date	13-06-2025	Analysis Completion Date 19-06-2025

A.Particulars of the Sample:

Name of Sample	Stack Emission	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble	Packing Mode	Packed in Polythene Pouch

General Information

- Name of Emission Source monitored : Stack Dust Collector Vent – TSD (P-104)
 - Rated Capacity : -
 - Capacity on Sampling day : 85 %
 - Type of Fuel used & its Consumption : Electricity
 - Normal operating Schedule : As Required
- Stack Identification : Stack attached to Dust Collector Vent (TSD –P-104)
- Type of Stack/Duct (RCC/Metal) : Metal
- Stack Height from roof Level (m) : 3
- Diameter of the Stack (cm) : 10.16
- Sampling Duration (minutes) : 39
- Purpose of Monitoring : For Monitoring
- Air pollution Control Measure : Not Exist
 - Status : -
 - Recovery of Material : -
- Fugitive Emission, if any : Nil
- Sample Condition : Good

Observations:

- Flue Gas Temperature, °C, Avg. : 79
- Flue Gas Velocity(m/s), Avg. : 7.01
- Volumetric Flow Rate (Nm³/hr) : 168.5
- Ambient Air Temperature, °C : 39

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirements	Test Results
1	Particulate Matter (PM), mg/Nm ³	IS: 11255 (P-1)	80 max.	35

C. Remarks: NA:-Not Applicable, Requirements as per commission for air quality management in NCR areas F.No.A-110018101/2021CAQM/7267-7298, Dated 17.03.2022, Sampling Procedure – CITRO/QC/SOP/026, Date of Monitoring: 11-06-2025

Kumari Aparna

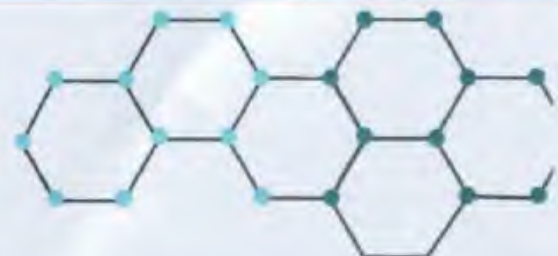
(Reviewed By)



Gaurav Goyal
Technical Head
(Authorized Signatory)

Disclaimer:

- This test report has been at your request and test results pertain to the tested samples received.
- Samples not drawn by lab unless otherwise stated.
- Test reports in full or parts shall not be used for promotional or publicity purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
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- Report shall not be reproduced except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Derabassi court only.





Citro Labs Private Limited

(Formerly Known as Centre for Industrial Testing & Research Organization)

AGovt. Approved Testing Laboratory

Opp. Ind-Swift, Industrial Area, Village-Jawaharpur,

Derabassi, Distt. SAS Nagar, Punjab-140507

(M) +91-8528969439, +91-9815094327

E-mail : info@citrolab.com

Website : www.citrolab.com



Certified by : ISO 9001:2015, ISO : 14001:2015, ISO:45001 : 2018

TEST REPORT

Page 01 of 01

Format No. : CITRO/QSF/0716

ISSUED TO:

M/s Grasim Industries Limited

(Birla Opus Panits Divison)

Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road,
Panipat, Haryana- 132140.

Report No.

CITRO/QC/130625/184

Issue date

19-06-2025

NABL ULR No.

TC1533125000001380 F

Registration no. for Grasim Industries

25-06-25

Customer Ref. & Date

WO No. 4900188734 & 17-04-2025

Sample Receiving Date	13-06-2025	Analysis Start Date	13-06-2025	Analysis Completion Date	19-06-2025
-----------------------	------------	---------------------	------------	--------------------------	------------

A.Particulars of the Sample:

Name of Sample	Stack Emission	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble	Packing Mode	Packed in Polythene Pouch

General Information

1. Name of Emission Source monitored

- Rated Capacity
- Capacity on Sampling day
- Type of Fuel used & its Consumption
- Normal operating Schedule

: Stack Dust Collector Vent – SPB (TSD –P-404)

2. Stack Identification

3. Type of Stack/Duct (RCC/Metal)

4. Stack Height from roof Level (m)

5. Diameter of the Stack (cm)

6. Sampling Duration (minutes)

7. Purpose of Monitoring

8. Air pollution Control Measure

a. Status

b. Recovery of Material

9. Fugitive Emission, if any

10. Sample Condition

: -

: 85 %

: Electricity

: As Required

: Stack attached to Dust Collector Vent

SPB (TSD –P-404)

: Metal

: 3

: 10.16

: 37

: For Monitoring

: Not Exist

: -

: -

: Nil

: Good

Observations:

1. Flue Gas Temperature, °C, Avg.

2. Flue Gas Velocity(m/s), Avg.

3. Volumetric Flow Rate (Nm³/hr)

4. Ambient Air Temperature, °C

: 77

: 7.39

: 179

: 40

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirements	Test Results
1	Particulate Matter (PM), mg/Nm ³	IS: 11255 (P-1)	80 max.	30

C. Remarks: NA:-Not Applicable, Requirements as per commission for air quality management in NCR areas F.No.A-

110018101/2021CAQM/7267-7298, Dated 17.03.2022, Sampling Procedure – CITRO/QC/SOP/026, Date of Monitoring: 10-06-2025

Kumari Aparna

(Reviewed By)



Gaurav Goyal
Technical Head

(Authorized Signatory)

Disclaimer:

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Certified by : ISO 9001:2015, ISO : 14001:2015, ISO:45001 : 2018

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AGovt. Approved Testing Laboratory

Opp. Ind-Swift, Industrial Area, Village-Jawaharpur,

Derabassi, Distt. SAS Nagar, Punjab-140507

(M) +91-8528969439, +91-9815094327

E-mail : info@citrolab.com

Website : www.citrolab.com



TEST REPORT

Page 01 of 01

Format No. : CITRO/QSF/0716

ISSUED TO:

M/s Grasim Industries Limited

(Birla Opus Panits Divison)

Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road,
Panipat, Haryana- 132140.

Report No.	CITRO/QC/130625/186
Issue date	19-06-2025
NABL ULR No.	TC1533125000001382 F
Registration no. for Grasim Industries	25-06-25
Customer Ref. & Date	WO No. 4900188734 & 17-04-2025

Sample Receiving Date	13-06-2025	Analysis Start Date	13-06-2025	Analysis Completion Date	19-06-2025
-----------------------	------------	---------------------	------------	--------------------------	------------

A.Particulars of the Sample:

Name of Sample	Stack Emission	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble	Packing Mode	Packed in Polythene Pouch

General Information

- Name of Emission Source monitored
 - Rated Capacity
 - Capacity on Sampling day
 - Type of Fuel used & its Consumption
 - Normal operating Schedule
- Stack Identification
- Type of Stack/Duct (RCC/Metal)
- Stack Height from roof Level (m)
- Diameter of the Stack (cm)
- Sampling Duration (minutes)
- Purpose of Monitoring
- Air pollution Control Measure
 - Status
 - Recovery of Material
- Fugitive Emission, if any
- Sample Condition

: Stack Dust Collector Vent – SPB (TSD-P403)
:-
: 85 %
: Electricity
: As Required
: Stack attached to Dust Collector Vent
SPB (TSD –P403)
: Metal
: 3
: 10.16
: 40
: For Monitoring
: Not Exist
:-
:-
: Nil
: Good

Observations:

- Flue Gas Temperature, °C, Avg. : 72
- Flue Gas Velocity(m/s), Avg. : 7.06
- Volumetric Flow Rate (Nm³/hr) : 173
- Ambient Air Temperature, °C : 40

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirements	Test Results
1	Particulate Matter (PM), mg/Nm ³	IS: 11255 (P-1)	80 max.	28

C. Remarks: NA:-Not Applicable, Requirements as per commission for air quality management in NCR areas F.No.A-110018101/2021CAQM/7267-7298, Dated 17.03.2022, Sampling Procedure – CITRO/QC/SOP/026. Date of Monitoring: 10-06-2025

Kumari Aparna

(Reviewed By)

End of Test Report



Gaurav Goyal
Technical Head
(Authorized Signatory)

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Certified by : ISO 9001:2015, ISO : 14001:2015, ISO:45001 : 2018

TEST REPORT

Page 01 of 01

Format No. : CITRO/QSF/0716

ISSUED TO:

M/s Grasim Industries Limited

(Birla Opus Panits Divison)

Plot No 48 to 62, Industrial Estate, HSIDC Refinery Road,
Panipat, Haryana- 132140.

Report No.	CITRO/QC/130625/187
Issue date	19-06-2025
NABL ULR No.	TC1533125000001383 F
Registration no. for Grasim Industries	25-06-25
Customer Ref. & Date	WO No. 4900188734 & 17-04-2025

Sample Receiving Date	13-06-2025	Analysis Start Date	13-06-2025	Analysis Completion Date	19-06-2025
-----------------------	------------	---------------------	------------	--------------------------	------------

A.Particulars of the Sample:

Name of Sample	Stack Emission	Testing as Per	EPA -1986, PCLS/02/2021
Discipline	Chemical	Group	Atmospheric Pollution
Sample Quantity	1 Thimble	Packing Mode	Packed in Polythene Pouch

General Information

- Name of Emission Source monitored : Stack Dust Collector Vent – (Wood Finish)
 - Rated Capacity : -
 - Capacity on Sampling day : 85 %
 - Type of Fuel used & its Consumption : Electricity
 - Normal operating Schedule : As Required
- Stack Identification : Stack attached to Dust Collector Vent (Wood Finish)
- Type of Stack/Duct (RCC/Metal) : Metal
- Stack Height from roof Level (m) : 3
- Diameter of the Stack (cm) : 10.16
- Sampling Duration (minutes) : 40
- Purpose of Monitoring : For Monitoring
- Air pollution Control Measure : Not Exist
 - Status : -
 - Recovery of Material : -
- Fugitive Emission, if any : Nil
- Sample Condition : Good

Observations:

- Flue Gas Temperature, °C, Avg. : 78
- Flue Gas Velocity(m/s), Avg. : 6.82
- Volumetric Flow Rate (Nm³/hr) : 164
- Ambient Air Temperature, °C : 39

B. Test Results:

Sr. No.	Test Parameter	Test Method	Requirements	Test Results
1	Particulate Matter (PM), mg/Nm ³	IS: 11255 (P-1)	80 max.	33

C. Remarks: NA:-Not Applicable, Requirements as per commission for air quality management in NCR areas F.No.A-110018101/2021CAQM/7267-7298, Dated 17.03.2022, Sampling Procedure – CITRO/QC/SOP/026, Date of Monitoring: 11-06-2025

Kumari Aparna

(Reviewed By)



Gaurav Goyal
Technical Head
(Authorized Signatory)

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HARYANA STATE POLLUTION CONTROL BOARD
SCO No.55, SECTOR-25, HUDA, PANIPAT

Ph. - (0180) 2672037, Telefax - 2664951, E-mail: hspcbropr@gmail.com

No. HSPCB/PR/2025/

1215

Dated

18-2025

To

M/s Grasim Industries Limited,
Plot no. 48 to 62, HSIIDC, Industrial Estate,
Panipat.

Sub: -

Show cause notice for closure under section 33-A & Prosecution under section 43/47/48 for violation of section 24 of Water (Prevention & Control of Pollution) Act, 1974 and imposition of environmental compensation as per policy of the Board.

Whereas, your unit is involved in process of manufacturing of paint and covered under Red Category.

Whereas, the Deputy Commissioner, Panipat has constituted a joint committee vide order Endst.No.1387/MA dated 10/06/2025 of SDM Panipat, XEN, MC Panipat, XEN, PHED, RFO, Panipat and RO HSPCB, Panipat.

Whereas, inspection of the above said unit was carried out on 19/06/2025 by the joint committee. The unit was found operational and sample of outlet of STP & ETP were collected.

During inspection some efficiency were observed which are as follow:-

1. Online monitoring device installed on STP was showing pH of 4.0.
2. The storm water ponds were not properly cleaned. Water stored was of greenish colour.
3. Unit was not properly handling the contaminated drums. Unit has not submitted any manifest for scientific disposal of barrels/containers used for handling of hazardous waste/chemicals, chemical containing residue arising from decontamination.
4. Unit has not submitted any affidavit mentioning that no untreated water would be released inside or outside the project or anywhere, waste water would be treated to tertiary level & would be used with the installation of "Dual plumbing".

Whereas, as per analysis report No.2879 dated 04/07/2025 & No.2880 dated 04/07/2025, the results of STP & ETP outlet were found exceeding the prescribed discharge standard norms as per details given below:

Sr. No.	Name of Parameter	Result (mg/l) Outlet	Limit (mg/l)
Outlet of STP			
1	pH	4.39	5.5-8.5
2	BOD	12	10
3	COD	60	50
4	TSS	25	20
Outlet of ETP			
1	pH	4.26	6.5-8.5

Whereas, from the above results, it may be concluded that your unit is not operating effectively and non-complying the section 24 of Water Act, 1974.

Whereas, Hon'ble National Green Tribunal (NGT) has issued direction in several cases to impose penalty on the non-complying polluting units and has directed CPCB, all SPCBs including Haryana to implement "Polluter Pays" Principal in right spirit and to recover environmental compensation

from the polluting units and to use the same for restoration of environmental damages caused to the public.

Whereas, Haryana State Pollution Control Board has issued order vide no. HSPCB/PLG/2021/2343-50 dated 22/12/2021 to adopt the said modalities/methodology for assessing, imposing and utilization of environmental compensation from the polluting units in the State of Haryana.

In view of that above, you are hereby directed to show cause within 15 days, as to Prosecution under section 43/47/48 of Water (Prevention & Control of Pollution) Act, 1974 for non-compliance of the provisions of the said Act. Beside this why environmental compensation may not be imposed on your unit as provisions of HSPCB orders issued vide No.HSPCB/PLG/2021/2343-50 dated 22/12/2021.

In case you fail to comply with the deficiencies mentioned above within the above mentioned stipulated period, it will be presumed that you have nothing to say in this regard and accept the status above, which will warrant action under section 33-A of Water Act, 1974.

The reply of SCN submitted to concerned RO offices shall only be considered and in case unit submitted their reply to other offices of the Board the same is not liable for consideration on any legal forum.

Further representative of the units may also come in person at the concerned regional office to represent against the proposed action communicated through show cause notice, within the stipulated time period mentioned in show cause notice.

This may be treated as MOST URGENT.

DA/1. Copy of Analysis Report No. 2879 & 2880 dated 04/07/2025.

CC:

A copy of the above is forwarded to the Chairman, HSPCB, Panchkula for information and further necessary action, please.


Regional Officer
Panipat Region




Form J

(See Rule 36)

Report No-2879

Type of Sample: Legal

Dated: 04.07.2025

I hereby, certify that Narender Hooda Board Analyst duly appointed under sub section (3) of section 53 of the Water (Prevention and Control of Pollution) Act 1974 (06 of 1974), received a sample on the 20th day of June, 2025, collected by Sh. Kuldeep Singh, AEE accompanied by Sh. Bupender Singh, RO, Panipat, SDM Panipat, XEN PHED Panipat, RFO, Panipat on dated 19th day of June, 2025 of M/s Grasim Industries Limited, Plot No. 48-62, HSIDC, Industrial Estate, Panipat for analysis.

Further certify that I have analyzed the above mentioned sample on 20th June-2025 to 04th July-2025 and declare the result of analysis to be as follows:

Sr. No.	Parameter Name	Result	Limit	Test Method
1.	Sample Code	5605		
2.	Sample Collected from	Outlet of STP		
3.	Color	Light Brownish		
4.	Odour	No Odour		
5.	pH value at 25°C	4.39	5.5-8.5	APHA 150-H (8)
6.	Biological Oxygen Demand (mg/l)	12.0	10	IS 3025 (Part 4)
7.	Chemical Oxygen Demand (mg/l)	60.0	50	APHA 5220 (B)
8.	Total Suspended-Solids (mg/l)	25.0	20	APHA 2540 (C)
9.	Oil and Grease (mg/l)	BDL (DL=02)	10	APHA 5520 (B)
10.	Conductivity at 25°C (µS/cm)	1210.0	-	IS 3025 (Part 14)

The Conditions of the seals, listening and container on receipt was as follows

Container had its seal found intact and in order, slip on the container had the signature of the representative of the industry and the Board.

Signed this 04th day of July, 2025

Haryana State Pollution Control Board Laboratory

K-13, Sector 06, Panchkula, Haryana

To:

The Member Secretary, HSPCB, Panchkula

CC to Regional Office: Panipat. This test report relate only to the particular sample submitted for testing.

Narender Hooda
Board Analyst

End of the Report



Form J

(See Rule 35)

Report No-2880

Type of Sample: Legal

Dated: 04.07.2025

I hereby, certify that I Narender Hooda Board Analyst duly appointed under sub-section (3) of section 53 of the Water (Prevention and Control of Pollution) Act 1974 (06 of 1974), received a sample on the 20th day of June, 2025, collected by Sh. Kuldeep Singh, AEE accompanied by Sh. Bupender Singh, RO, Panipat, SDM Panipat, XEN PHED Panipat, RFO, Panipat on dated 19th day of June, 2025 of M/s Grasim Industries Limited, Plot No. 48-62, HSIDC, Industrial Estate, Panipat for analysis.

Further certify that I have analyzed the above mentioned sample on 20th June 2025 to 04th July 2025 and declare the result of analysis to be as follows

Sr. No.	Parameter Name	Result	Limit	Test Method
1	Sample Code	NR05		
2	Sample Collected from	Outlet of ETP		
3	Color	Colourless		
4	Odour	No Odour		
5	pH value at 25°C	4.26	6.5-8.5	APHA 9245 B
6	Biological Oxygen Demand (mg/l)	7.0	30	APHA 5210 B
7	Chemical Oxygen Demand (mg/l)	40.0	250	APHA 5220 B
8	Total Suspended Solids (mg/l)	12.0	100	APHA 5210 B
9	Oil and Grease (mg/l)	BDL(DL=2)	10	APHA 5520 B
10	Conductivity at 25°C (µS/cm)	523.0		IS 3043 (Part 1) B
11	Ammonical Nitrogen as N (mg/l)	ND	50	APHA 4500 NH ₃ B
12	Iron (mg/l)	0.828	3	APHA 3113 B
13	Zinc (mg/l)	BDL(DL=0.88)	5	APHA 3111 B
14	Nickel (mg/l)	BDL(DL=0.8)	3	APHA 3113 B
15	Total Chromium (mg/l)	BDL(DL=0.24)	2	APHA 3113 B
16	Hexavalent Chromium (mg/l)	BDL(DL=0.24)	0.1	APHA 2000 Cr VI
17	Copper (mg/l)	BDL(DL=0.70)	2	APHA 3111 B
18	Lead (mg/l)	BDL(DL=0.07)	0.1	APHA 3111 B
19	Arsenic (mg/l)	ND	0.2	APHA 3111 B
20	Total Metal (mg/l)	1.233	7	APHA 3113 B

The Conditions of the seals, listing and container on receipt was as follows:

Container had its seal for the intact and in original was the container had the signature of the representative of the industry and the Board.

Signed this 04th day of July, 2025

Haryana State Pollution Control Board Laboratory,
C-11, Sector-06, Panchkula, Haryana

To

The Member Secretary, HSPCB, Panchkula
CC to Regional Office: Panipat. This test report relate only to the particular sample submitted for testing.

Narender Hooda
Board Analyst

End of the Report

HARYANA STATE INDUSTRIAL AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.

REGD. & CORPORATE OFFICE: C-13 -14, SECTOR -6, PANCHKULA

Phone : 0172-2590481-83; Fax: 0172-2590474

Email : contactus@hsiidc.org.in also visit us at : <http://hsiidcesewa.org.in>

CIN No:U29199HR1967SGC034545

Date:- 25-Nov-2021

Reference No.:-Est/Panipat/PAL/2021/02016

Grasim Industries Limited

Aditya Birla Centre, A Wing, 2nd Floor, S K Ahire Marg

Worli Mumbai, Maharashtra

India

400030

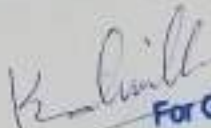
Sub : Authorization letter for handing over physical possession of Industrial Plot No. 48-62, Sector -, Phase -, Industrial Estate, Panipat.

Sir/ Madam,

This has reference to your request dated 19-Nov-2021 for taking over physical possession of the captioned Industrial Plot, measuring 283500 Sq. Mtr., which has been allotted to you vide RLA No. RLA2021SEP03307 dated 13-Sep-2021.

In this connection, you are requested to approach our DGM(IA)/AGM(IA)/Sr. Manager (IA) HSIIDC, Panipat for taking over the possession of the aforesaid said Industrial Plot, on any working day with prior appointment.

Thanking you,


For Grasim Industries Ltd.

Signatures of the Allottee/Partner/Director/ Representative
Authorised Signatory

Yours faithfully,
For HSIIDC


Estate Manager
Estate Manager
Panipat
H.S.I.I.D.C.
Industrial Estate,
Panipat

CC:
DGM(IA)/AGM(IA)/Sr. Manager (IA)
Panipat

With the request to hand over the physical possession of
Industrial Plot no.48-62, Sector -, Phase -, Industrial
Estate, Panipat, under intimation to this office.

HARYANA STATE INDUSTRIAL AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.

REGD. & CORPORATE OFFICE: C-13 -14, SECTOR -6, PANCHKULA

Phone : 0172-2590481-83, Fax: 0172-2590474

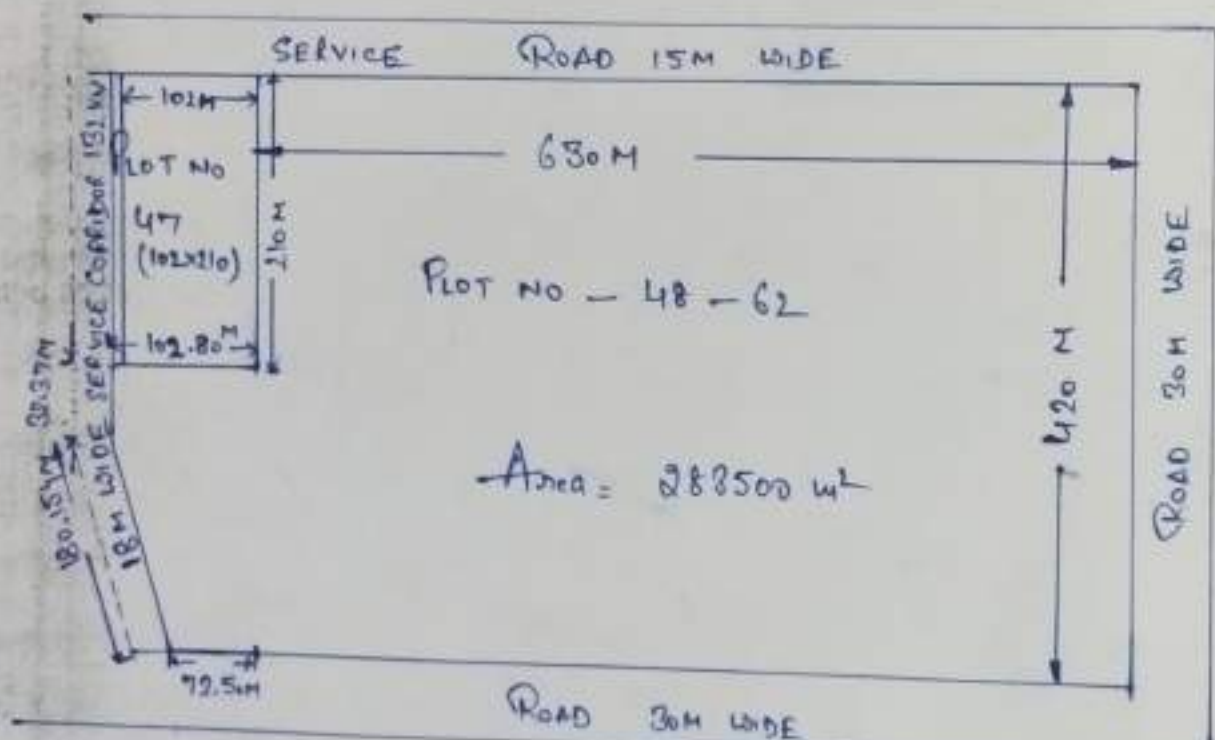
Email : contactus@hsiidc.org.in also visit us at : <http://hsiidcesewa.org.in>

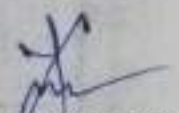
CIN No:U29199HR1967SGC034545

POSSESSION CERTIFICATE

This is to certify that physical possession of Industrial Plot no. 48-62 Sector -, Phase -, Industrial Estate, Panipat, measuring 283500 Sq. Mtr. has been handed over to Grasim Industries Limited on dated 25-Nov-2021.

Sketch of Plot
(Not to scale)

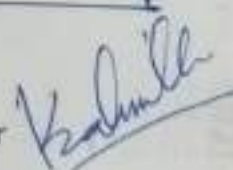


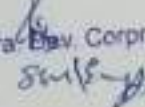

Handed Over

Manager (IA)
Panipat

A copy is forwarded to:

Taken Over


Kalimuddin
Authorized representative

For Hr. State Indl. & Infra. Dev. Corpn. Ltd.


Senior Manager (IA)

1. Grasim Industries Limited
Aditya Birla Centre, A Wing, 2nd Floor, S K Ahire Marg
Worli Mumbai, Maharashtra
India
400030

2. Estate Manager, HSIIDC, Panipat w.r.t. his letter No. Est/Panipat/PAL/2021/02016 dated 25-Nov-2021.

Reference No.: Est/Panipat/PSC/2021/17503

Dated 25-Nov-2021
For Hr. ~~State~~ ^{Corp.} Ltd.
c/s
DGM(IA)/AGM(IA)/Sr. Manager (IA)
Panipat

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 18.10.2016

Revision: 18.10.2016

Trade name: Styrene

SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Trade name: Styrene

CAS Number: 100-42-5

EC number: 202-851-5

Index number: 601-026-00-0

Registration number: 01-2119457861-32-0081

1.2. Relevant identified uses of the substance or mixture and uses advised against

Application of the substance / the preparation: Monomer for the preparation of Copolymers.

1.3. Details of the supplier of the safety data sheet:

Manufacturer/Supplier:

The Kuwait Styrene Company (TKSC)

P.O. Box 9717, Ahmadi 61008, Kuwait

Tel: +965 25765708 / 5733

Email: SMMARKET@equate.com

1.4. Emergency telephone number: (965) 2325 2545 or 2325 2535

SECTION 2 - HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS02 Flame

Flam. Liq. 3 H226 Flammable liquid and vapour.



GHS07

Acute Tox. 4 H332 Harmful if inhaled.

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation

Classification according to Directive 67/548/EEC or Directive 1999/45/EC



Xn ; Harmful

R20: Harmful by inhalation.



Xi ; Irritant

R36/38: Irritating to eyes and skin.

R10: Flammable.

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2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008:

The substance is classified and labelled according to the CLP regulation.

Hazard pictograms:



GHS02

GHS07

Signal word: Warning

Hazard statements:

H226 Flammable liquid and vapour.

H332 Harmful if inhaled.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Precautionary statements:

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P241 Use explosion-proof electrical/ventilating/lighting/equipment.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321 Specific treatment (see on this label).

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3. Other hazards:

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Chemical characterization (Substances)

CAS No. Description

100-42-5 styrene

Identification number(s)

EC number: 202-851-5

Index number: 601-026-00-0

Additional information: This product may include 4-tert-butylcatechol (CAS 98-29-3) < 150ppm

SECTION 4 - FIRST AID MEASURES

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4.1. Description of first aid measures

General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. In case of unconsciousness place patient stably in side position for transportation.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.

After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
Remove contact lenses.

After swallowing: Call for a doctor immediately.

4.2. Most important symptoms and effects, both acute and delayed:

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5 - FIRE-FIGHTING MEASURES

5.1 Extinguishing media

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Carbon monoxide (CO)

Carbon dioxide (CO₂)

Organic compounds

5.3 Advice for firefighters

Protective equipment:

Wear fully protective suit.

Mouth respiratory protective device.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

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6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7 - HANDLING AND STORAGE

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Keep container tightly sealed.

7.3 Specific end use(s):

No further relevant information available.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

100-42-5 Styrene

WEL	Short-term value: 1080 mg/m ³ , 250 ppm Long-term value: 430 mg/m ³ , 100 ppm
-----	--

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Personal protective equipment

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Do not inhale gases / fumes / aerosols.

Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Protection of hands:



Protective gloves

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The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:



Tightly sealed goggles

Body protection: Protective work clothing

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General Information

Appearance:

Form: Liquid

Colour: Clear

Odour: Sweetish

Odour threshold: Not determined.

pH-value: neutral

Melting point/Melting range: -30.7°C

Boiling point/Boiling range: 145.2°C

Flash point: 31°C

Flammability (solid, gaseous): Not applicable.

Ignition temperature: 480°C

Decomposition temperature: Not determined.

Self-igniting: Not determined.

Danger of explosion: Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

Explosion limits:

Lower: 1.2 Vol %

Upper: 8.9 Vol %

Vapour pressure at 20°C: 6 hPa

Density at 20°C: 0.906 g/cm³

Relative density: Not determined.

Vapour density: Not determined.

Evaporation rate: Not determined.

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Solubility in / Miscibility with

water at 20°C: 0.24 g/l
Slightly soluble

Partition coefficient (n-octanol/water): Not determined.

Viscosity:

Dynamic: 0.73 mPas

Kinematic: Not determined.

9.2 Other information No further relevant information available.

SECTION 10 - STABILITY AND REACTIVITY

10.1. Reactivity No data available.

10.2. Chemical stability: Stable at recommended- storage (→ see item 7) / stable at room T° .

Thermal decomposition / conditions to be avoided:

Prolonged temperature above 250°C

Light

10.3. Possibility of hazardous reactions: No dangerous reactions known.

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials

Oxygen, strong oxidizing agents, strong acids, strong alkalis, peroxides, halogens, and any other chemicals;
Corrosive to copper and its alloys.

10.6 Hazardous decomposition products

Carbon monoxide and carbon dioxide

Hydrocarbons

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

LD/LC50 values relevant for classification:

100-42-5 Styrene

Oral	LD50	5000 mg/kg (rat)
Inhalative	LC50/4 h	24 mg/l (rat)

Primary irritant effect:

on the skin: Irritant to skin and mucous membranes.

on the eye: Irritating effect.

Sensitization: No sensitizing effects known.

Additional toxicological information:

May cross the placenta. Alcohol may enhance the toxic effects. This Styrene Monomer contains very low concentrations of 4-T-BUTYL CATECHOL (TBC). TBC is a polymerization inhibitor. For further information on TBC general toxicity, refer to TBC MSDS sheet.

SECTION 12 - ECOLOGICAL INFORMATION

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12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

Additional ecological information

General notes:

Water hazard class 2 (German Regulation) (Assessment by list): hazardous for water.

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Recommendation:

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Recommendation: Disposal must be made according to official regulations.

SECTION 14 - TRANSPORT INFORMATION

14.1 UN Number

ADR, IMDG, IATA

UN2055

14.2 UN proper shipping name

ADR

2055 STYRENE MONOMER, STABILIZED

IMDG, IATA

STYRENE MONOMER, STABILIZED

14.3 Transport hazard class(es)

ADR



Class

3 Flammable liquids

Label

3

IMDG, IATA



Class

3 Flammable liquids

Label

3

14.4 Packing group

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Trade name: Styrene

ADR, IMDG, IATA	III
14.5 Environmental hazards	
Marine pollutant:	No
14.6 Special precautions for user	Warning: Flammable liquids.
Danger code (Kemler):	39
EMS Number:	F-E,S-D
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.

Transport/Additional information:

ADR	
Tunnel restriction code:	D/E
UN "Model Regulation":	UN2055, STYRENE MONOMER, STABILIZED, 3, III

SECTION 15 - REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture.

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2 Chemical safety assessment A Chemical Safety Assessment has been carried out.

16 - OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Recommended restriction of use

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Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

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IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

S.N	List of Organic and Inorganic Solvent	
	Chemical Name	Category
1	ISO OCTANE	Organic
2	STYRENE	Organic
3	HSD	Organic
4	ISO BUTANOL	Organic
5	MINERAL TURPENTINE OIL	Organic
6	MIXED XYLENE PAINT GRADE	Organic
7	ORTHO XYLENE	Organic
8	SOLVENT C9	Organic
9	WASHED MTO	Organic
10	RECOVERED MTO	Organic
11	Solvent C10	Organic
12	WASHED XYLENE	Organic
13	RECOVERED XYLENE	Organic
14	STRIPPED XYLENE	Organic
15	MMA (Methyl Methacrylate)	Organic
16	BA (Butyl Acrylate)	Organic
17	2EHA	Organic
18	METHACRYLIC ACID (GMA)	Organic
19	NButyl Methacrylate	Organic
20	ACRYLIC ACID	Organic
21	VEOVA	Organic
22	EBECRYL	Organic
23	HEMA (Hydroxy Ethyl Methacrylate)	Organic
24	VISIOMER 6976	Organic
25	Spare (Alternate to BA)	Organic
26	Spare (Alternate to MMA)	Organic
27	VINYL ACETATE	Organic
28	Texanol	Organic
29	Emulsogen LCN 118	Organic
30	Optifilm Enhancer OE300	Organic
31	SYNPERIONIC A9 AS LQ(TH)	Organic
32	Falamine Plus	Organic
33	Diethylene Glycol	Organic
34	Mowiplus XW 330	Organic
35	NUPOL PHN 99	Organic
36	Propylene Glycol	Organic
37	Dipentene	Organic
38	Polyacrylate AM14	Organic
39	Acrysol DR 80	Organic
40	AM 1512 A	Organic
41	THOR ADA20	Inorganic
42	AW645500 Dowfax 2A1	Inorganic
43	Liquid Ammonia	Inorganic
44	Rocima 623	Inorganic
45	Indofil 850	Inorganic
46	Indofil 731	Inorganic
47	Thor MBS	Inorganic
48	Nipacide DFX 5LV	Inorganic

