



Ref: GIL/Mahad/2024/52

Date – 06.05.2024

To,
Sub Regional Officer,
Maharashtra Pollution Control Board,
Samaik Suvidha Kendra Building,
MIDC - Mahad, District Raigad - 402 309

Subject: Submission of Six-Monthly Compliance Status of conditions of Environmental Clearance for the period October 23 to March 24

Ref: EC granted by SEIAA vide No: EC22B023MH151788, File No.: EC22B023MH151788,
Dated: 24th August 2022

Dear Sir,

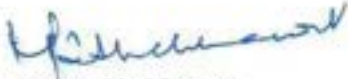
We, M/s. Grasim Industries Limited, are setting up an Integrated Paint Manufacturing Unit at Plot No. A-1, MIDC Mahad, Village Kamble Tarfe Birwadi, Taluka Mahad & District Raigad, Maharashtra.

Kindly refer to the above subject matter, we are submitting herewith the six-monthly compliance status of the conditions of Environmental Clearance (EC) dated 24th August 2022 for the period October 23 to March 24

Please find the enclosed report for your perusal. Hope you will find this in order. We request you to kindly accept the same.

Thanking You,

For M/S Grasim Industries Limited,


Mahendra Singh Shekhawat
Unit Head
(Authorized Signatory)




5/05/2024
Sub Regional Office
Maharashtra Pollution Control Board
C.F.C. Building, MIDC, Mahad,
Dist Raigad, Pin - 402309

Copy To:

- 1) Regional Office MoEF & CC, Nagpur
- 2) Regional Officer, Maharashtra Pollution Control Board, Navi Mumbai
- 3) State Level Environment Impact Assessment Authority, Mumbai

Grasim Industries Limited
(Birla Paints Division)

Site Address : Plot no A-1, MIDC Industrial Area, Village : Kamble Tarf Birwadi, Mahad - 402309, Dist. : Raigad, Maharashtra
E : birlapaints.mahad@adityabirla.com

Head Office : 9th Floor, Birla Centurion, Pandurang Budhkar Marg, Worli, Mumbai - 400 030 India
T : +91 22 6854 0444 / 5036 5111 | W : www.adityabirla.com | CIN : L17124MP1947PLC000410



ENVIRONMENTAL CLEARANCE SIX-MONTHLY COMPLIANCE REPORT

EC Identification No.	EC22B023MH151788
File No.	SIA/MH/IND3/68936/2021
Date of Issue EC	24.08.2022
Project Scheduled Activity & Category	Scheduled Activity 5 (h) Integrated Paint Industry, Category "B1"
Name of the Project & Address	Greenfield Integrated Paint Manufacturing Unit at Plot No A-1, MIDC- Mahad Industrial Area, Village Kamble Tarfe Birwadi, Taluka Mahad, District Raigad, Maharashtra
Name of the Organization	Grasim Industries Ltd. (Birla Paints Division)



Sl.#	Description of EC Conditions	Compliance Status	Annexure
A	SEAC Conditions		
1	PP to submit layout plan showing internal roads with minimum six-meter width and nine meter turning radius entry/gates (preferably sliding gates), provision of cul-de-sac at dead ends of the internal roads if any, location of pollution control equipment's, parking areas, 33% green belt with its dimensions preferably on the periphery of the plot with the provision of drip irrigation, rain water harvesting structures (locations with dimensions), storms water drain lines, along with index and area statement showing calculations for each area and cross sections of storm water drain and rain water harvesting pits etc.	Plant layout with all the requisite details has been submitted.	Nil
2	PP to provide Zero Liquid Discharge Effluent Treatment Plant. PP to explore possibility to assess Techno-economic feasibility of using technology for MEE such as low temperature/mechanical vapor compressor etc. to reduce operation cost and use natural resources.	Zero liquid discharge Unit consisting of Effluent treatment plant capacity of 150 KLD followed by RO & MEE unit is provided. This unit will adhere to the norms regulated by MPCB/CPCB. Presently the ZLD unit is under equipment installation and commissioning phase	Annexure-1
3	PP to provide 30 KLD capacity sewage treatment plant for the treatment of domestic sewage.	Sewage treatment plant with of 30 KLD capacity has provided. The unit will adhere to the norms regulated by the MPCB/CPCB. Presently STP unit is under equipment installation and commissioning phase.	Annexure-1
4	PP to ensure to deploy well trained regular employees on all critical/hazardous operations and storage of hazardous chemicals instead of contract workers. Regular safety training to be provided to all such employees.	Team members having requisite qualification for handling of all critical/hazardous operations and storage of hazardous chemicals are deployed at site.	Nil
5	PP to prepare chemical compatibility chart of all chemicals and finished products handled, stored on site and ensure its storage/handling as per compatibility.	This is noted for Compliance and will be implemented during the operation phase of the plant.	Nil
6	PP to provide continuous online monitoring system connected to the servers of CPCB and MPCB	CEMS system has been procured. Installation and commissioning of system is under process.	Nil
7	PP proposes to plant 27000 trees within the plot area on mandatory 33% (1,34,439 Sq..) green belt area. PP to complete green belt development with the provision of drip irrigation before the commissioning of the manufacturing activity.	This is noted for Compliance. Green Belt plantation is in progress.	Nil
8	PP ensure to provide adequate space for parking of all types of vehicles including external vehicles carrying raw material and finished products. No vehicles shall be parked on the public road.	A dedicated parking area for carrying raw material and finished products is provided on site.	Annexure 2
9	PP to provide adequate facilities to the construction workers on site like safe and clean drinking water, Mobile toilets. PP to provide organic waste convertor for	Drinking water and mobile toilet facilities are provided to construction workers on site. Organic Waste Convertor has been provided	Annexure 3

	management of organic waste on site during construction phase.		
10	PP to ensure to prepare and implement on-site and off-site emergency handling plan. The plan shall be prepared based on the HAZOP and Risk Assessment. Required training to all employees to be provided on the emergency handling plans.	On Site Emergency response plan has been prepared and Submitted to DISH Office. Regular training imparted to the employees/contractors on the emergency handling plans. Mock drills are conducted periodically as per On-site emergency plan.	Annexure 4
11	PP to complete rainwater harvesting facility before the commissioning of the manufacturing activity.	Storage facility of rainwater & storm water is under construction phase	Annexure 5
12	PP to provide sliding gate at entry and exit to achieve maximum Turing radius of vehicle entering the site.	This is Noted for Compliance	Nil
13	PP to utilize CER funds of 6.7 Cr. For the development of public infrastructure, water bodies rejuvenation, nature-based solutions near the project area in consolation with District Administration.	The process for utilization of CER fund has been initiated. Plan for utilization of CER Fund has been submitted to District Administration. Approval from the District Collector is awaited.	Nil
14	PP to provide solar energy for the illumination of common areas like administrative building, parking areas, streetlight etc.	Provision of solar system has been initiated and sufficient illumination in the common areas will be maintained through solar power.	Nil
B	SEIAA conditions		
1	PP submitted MIDC plan dated 6.06.2022. As per the said plan total plot area is 4,07,384.00 M2 and green belt area provided is 1,34,439.00 m2 i.e. 33% of total plot area.	Complied	Nil
2	PP to undertake Miyawaki plantation of native and indigenous trees such as Banyan, Peepal, Neem, Jamun and other suitable trees as per the Forest Department, Govt. of Maharashtra circular no. SaVaVi-2019/C.R.3/F-11, dated 25th June 2019. The said plantation to be completed in the first year of operation of environmental Clearance under expert guidance of Miyawaki experts/arborist	This is Noted for Compliance	Nil
3	PP to strictly observe the solid waste management Rules, 2016 as amended time to time	This is Noted for Compliance	Nil
4	PP to strictly observe the Hazardous and other wastes (Management & Trans boundary Movement) Rules, 2016 as amended time to time	Membership certificate for "CHWTSDF" has been received for Hazardous & Other waste management.	Annexure 6
5	PP to identify all sources of fugitive air pollution on site and provide pollution control measures to mitigate pollution and meet the standard parameters stipulated in the Environment (Protection) Rules, 1986 amended time to time & Air (Prevention and control pollution) Act, 1981 amended time to time	This is Noted for Compliance	Nil

6	PP to ensure storage of chemicals as per the Manufacture, storage, and Import of Hazardous Chemicals Rules, 1989 amended time to time to ensure no release of any chemical to the atmosphere and leakage to the soil	This is Noted for Compliance	Nil
7	PP ensure transport, storage, handling and use of the flammable/toxic chemicals as per conditions stipulated in license/approval of the Petroleum & Explosive safety organization(PESO)	Received license from PESO bearing License No. P/WC/MH/15/6490 (P541442) dated 06/02/2024	Annexure 7
8	PP obtain approval and License from the Directorate of Industrial Health and safety (DISH) for proposed project and implement all condition stipulated therein. PP to carry out safety Audit as stipulated in the Maharashtra Factories Rule, 1963 and ensure compliance of recommendation of the audit.	Application has been submitted for factory license. The Safety Audit and its compliance audit has been done as per the Maharashtra Factories Rule, 1963 and submitted the reports to DISH office.	Refer Annexure 4
9	PP to provide solar energy for illumination of Administrative Building, streetlights and parking area.	Provision of solar system has been initiated.	Nil
10	PP to Ensure use of briquette/bio coal/pellets/or any such suitable product derived from scientific processing of appropriate stream of dry waste/agricultural waste, not less than 50% of the total fuel requirement to the boiler.	This condition has been removed. Attached SEIAA approval letter.	Annexure 8
11	PP to provide roof top Rainwater harvesting facility	Roof top Rainwater harvesting facility is considered and implementation is under process at site	Nil
12	PP to ensure that proposed project is ZLD	This is Noted for Compliance	Nil
C GENERAL CONDITIONS			
1	The project proponent shall advertise at least in two local newspapers widely circulated in region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded Environmental Clearance and copies of Environmental clearance letter are available with the Maharashtra Pollution Control Board, website of the company and may also be seen at Website at http://parivesh.nic.in	Advertising in two local newspapers has been done. Also, Copy of the EC has been submitted to local authorities including gram panchayat office & district administration office	Annexure 9 (Marathi and English)
2	The project Proponent shall upload the status of compliance (soft copies) of the conditions stipulated Environmental Clearance letter including monitoring data of air, water, soil, noise etc. On their website and shall update the same periodically. The half yearly compliance report shall simultaneously be submitted to the Maharashtra Pollution Control Board, SEIAA and the regional Office of MoEF & CC at Nagpur, on 1st June & 1st Dec of each calendar year.	Environmental Clearance conditions along with status of compliance has been uploaded on website.	Annexure 10
3	Separate funds shall be allocated for implementation of Environmental Management Plan along with item wise break up and specific time line for its completion. The cost shall be included as part of the project cost. The funds earmarked for the environmental protection measures shall not be diverted for other purpose and year-wise expenditure should be reported to MPCB and	This is Noted for Compliance	Nil



	the SEIAA.		
4	A separate Environmental Management cell with qualified personnel shall be set up for implementation of stipulated environmental safeguards.	Complied.	Annexure 11
5	In the event of failure of any pollution control equipment, the manufacturing activity shall be immediately stopped safely till the effective functioning of pollution control equipment's is regained.	This is Noted for Compliance	Nil
6	PP to strictly follow conditions stipulated in the consent to Establish/Operate issued by the Maharashtra Pollution Control Board.	Consent to Establish has been received and conditions are being complied.	Annexure 12
7	PP to provide separate drains for storm water and effluent, and ensure that, the storm water drains are dry all the time and in no case the effluent shall mix with the storm water drain.	This is Noted for Compliance	Nil
8	Periodic Monitoring of ground water in the study area as marked in the Environmental Impact Assessment Report shall undertaken and results analysed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.	This is Noted for Compliance	Nil
9	The overall noise levels in and around the factory premises shall be kept within the prescribed standard under the Environment (Protection) Act, 1986 and Rule, 1989 as amended from time to time by providing adequate noise control measures and protective equipment's like earmuff and ear plug etc.	Noise level monitoring survey has been conducted at pre-defined locations at interval.	Annexure 13
10	Adequate safety measures shall be ensured to limit the risk zone within the factory premises. Leak detection system shall be installed for early detection and mitigation purpose.	This is Noted for Compliance	Nil
11	PP to scrupulously follow the requirements of Maharashtra Factories Act, 1948 & Rules 1963 as amended from time to time.	This is Noted for Compliance	Nil
12	The Environmental Statement for each financial year ending on 31st March in Form-V as is mandated to be submitted by the project Proponent to the concerned Pollution Control Board as prescribed under the Environmental (Protection) Rule 1989 as amended from time to time, it shall also be put on the website of the company along with the status of the compliance of the conditions stipulated in the Environmental clearance letter.	This is Noted for Compliance	Nil



ANNEXURES

Annexure No.	Annexure Description
Annexure 1	ZLD Plant (ETP, MEE, RO) & STP Plant
Annexure 2	Dedicated Parking provision on site
Annexure 3	Provision of Mobile Toilet, Drinking Water Facility & Organic Waste Convertor
Annexure 4	Ack copy of Safety Audit submission
Annexure 5	Rainwater/Storm Water storage facility
Annexure 6	Membership certificate for "CHWTSDF"
Annexure 7	PESO License Copy
Annexure 8	SEIAA approval letter on condition B-10
Annexure 9	Advertisement of EC in Local Newspaper (English and Marathi)
Annexure 10	EC Letter Conditions status uploaded on website
Annexure 11	Environmental Cell- Organization Chart
Annexure 12	Consent to Establish conditions compliance
Annexure 13	Environment Monitoring Reports



Annexure 1



ZLD Plant (ETP, RO, MEE)
& STP Plant

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Circular official stamp of the Government of Karnataka, Department of Environment and Forests, Bangalore.

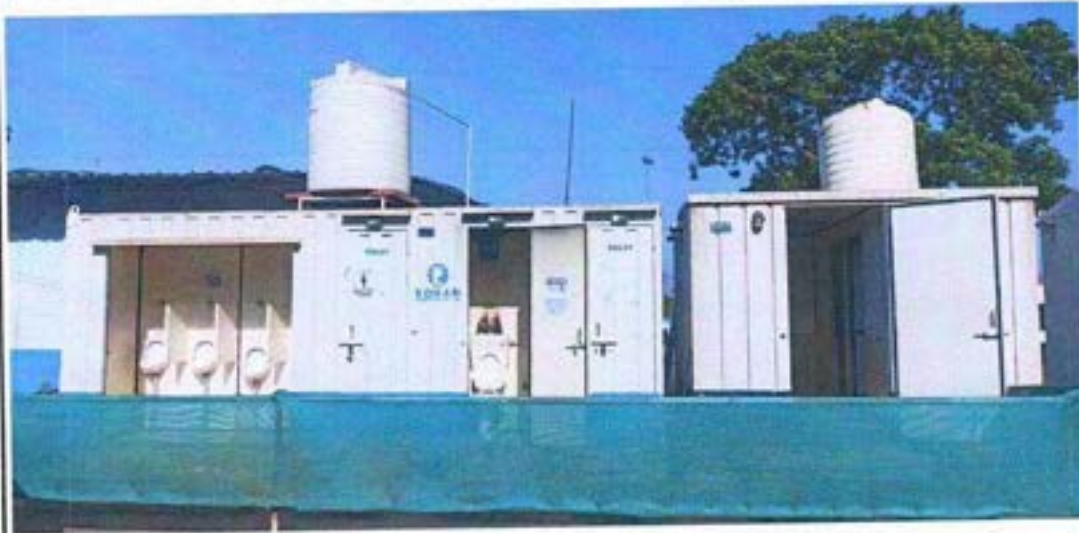
Annexure 2



Dedicated Parking Provision

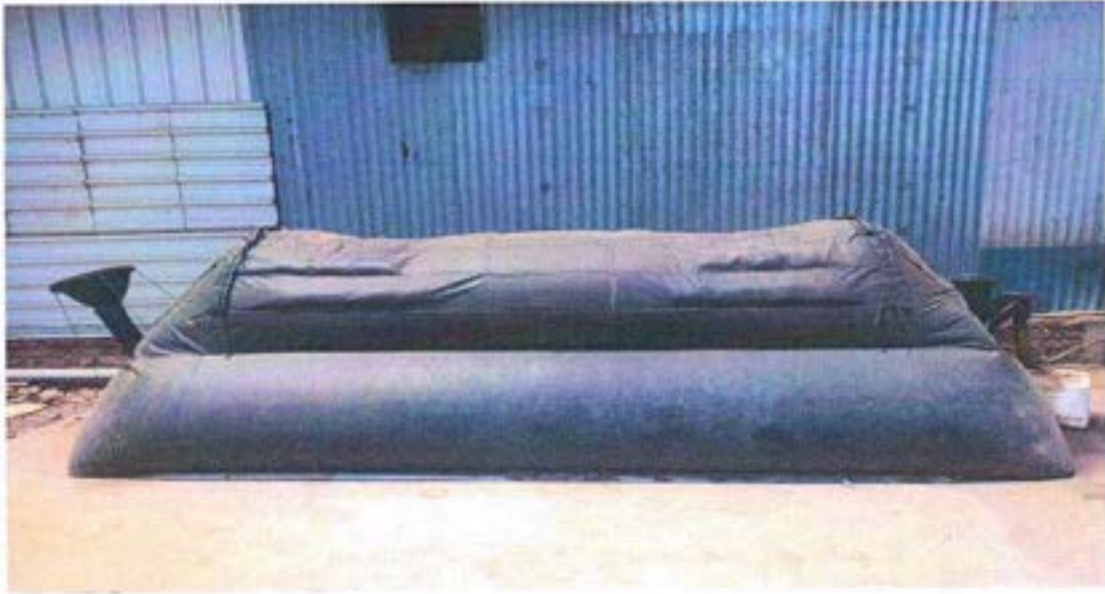


Annexure 3



Mobile Toilet Facility Provided at Site

Wm
GATEWAY TO KNOWLEDGE
MAY 2011



Organic Waste Converter

Handwritten signature
Circular stamp: **Green Industries Limited**
Established



Drinking Water Facility Provided at Site (RO System & adequate Water Cooler provided)

Ym
Atahad

Annexture 4



Date: 28/03/2024

To,
Joint Directors,
Director Industrial Safety & Health,
Room No. 522, 5th Floor, Konkan Bhavan,
CBD Belapur, Navi Mumbai, Raigad.

Subject: Submission of various reports as Compliance of conditions which are laid down in Factory Drawings Approval Letter.

Reference: Factory Drawing Approval Letter Ref. No 122000000029283 dated 07/10/2022

Dear Sir,

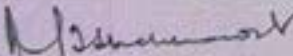
With respect to the above subject, we are submitting herewith the compliance of the below mentioned studies report:

- 1) Structural Stability Certificate
- 2) HAZOP Study Report
- 3) Maximum Credible Loss Scenario (MCLS) Study Report in respect of storage of solvents and hazardous chemicals.
- 4) Job Safety Analysis (JSA) Report of all routine and non-routine activities.
- 5) Onsite Emergency Plan
- 6) ~~Restart up~~ ^{SSP} Audit Report as per BIS 14489 standards and as per Maharashtra Factories (Safety Audit) Rules, 2014

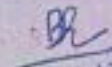
Kindly acknowledge the receipt of the reports and issue the Factory License.

Thanking You,

For, M/s Grasim Industries Limited,


Mahendra Singh Shekhawat
Unit Head
(Authorized Signatory)




12/4/2024
कार्यालय - उड संज - औद्योगिक गुहा व
आरोग्य संरक्षण, रायगड
कोडक मंडळ, (राज्य शाखा)
छाती क्र. 422, 4^{थी} मंजला,
सीवीडी बेलापूर, नवी मुंबई - 400618

Grasim Industries Limited
(Birla Paints Division)

Site Address : Plot no A-1, MIDC Industrial Area, Village : Kamble Tarf Birwad, Mahad - 402309, Dist. : Raigad, Maharashtra
E : birlapaints.mahad@adityabirla.com

Head Office : 9th Floor, Birla Centurion, Pandurang Budhkar Marg, Worli, Mumbai - 400 030 India
T : +91 22 6854 0444 / 5036 5111 | W : www.adityabirla.com | C/N : L37124MP7947PLC000410



Annexure 5



Rainwater/Strom Water Storage Facility

Handwritten signature
Circular stamp: CONSULTING ENGINEERS

Annexure 6



Mumbai Waste Management Ltd.

Certificate

— of Membership —

M/s. GRASIM INDUSTRIES LTD. (BIRLA PAINTS DIVISION)

is a registered member of
CHW-TSDF at MIDC -Taloja for
safe and secure disposal of
Hazardous waste with
Membership No: MWML - HZW - MHD - 5669

This Certificate is valid up to: 31st JANUARY 2025

A handwritten signature in black ink, appearing to read 'Onkar Kulkarni'.

Onkar Kulkarni
Manager -MBD

A handwritten signature in black ink, appearing to read 'Somnath Malgar'.

Somnath Malgar
Director

An ISO 9001:2015 / ISO 14001:2015 / ISO 45001:2018 Certified Company
MWML Laboratory is Accredited by NABL & Recognized by MoEF & CC



Annexure 7





संघ शासक
भारत सरकार

Government of India

वाणिज्य और उद्योग मंत्रालय

Ministry of Commerce & Industry

पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पेसो)

Petroleum & Explosives Safety Organisation (PESO)

ए-1 और ए-2 विंग, चौथी मंज, के.डी.डी. बेलपुर

नवी मुंबई (महाराष्ट्र) - 400614

A1 & A2 wing, 5th Floor,

C.G.O. complex, CBD Belapur, Navi Mumbai (M.S.),

Mumbai - 400614

E-mail : jccenmbal@explosives.gov.in

Phone/Fax No : 022 - 27575946,27573681

संख्या /No. PWC/MH/15/6490 (P541442)

दिनांक /Dated : 06/02/2024

सेवा में /To

M/s. Grasim Industries Limited,
Plot No. A-1,
Kamble Tarfe Birwadl,
Mahad,
Taluka: Mahad,
District: RAIGAD,
State: Maharashtra
PIN: 402308

विषय /Sub

Plot No. A-1, Kamble Tarfe Birwadl Mahad Taluka Mahad District Raigad Maharashtra, Kamble Tarfe Birwadl, Mahad, Taluka: Mahad, District: RAIGAD, State: Maharashtra, PIN: 402308 में पेट्रोलियम वर्ग A,B का अंतिमम अनुमति जारी करने के बारे में।
Petroleum Class A,B installation at Plot No. A-1, Kamble Tarfe Birwadl Mahad Taluka Mahad District Raigad Maharashtra, Kamble Tarfe Birwadl, Mahad, Taluka: Mahad, District: RAIGAD, State: Maharashtra, PIN: 402308 Grant of Licence regarding.

संदर्भ संख्या /Ref(s)

कृपया आगे का संदर्भ OIN1564622 दिनांक 31/01/2024 का संदर्भित करें।

Please refer to your letter No. OIN1564622 dated 31/01/2024

विनाशपूर्वक अंतिमम से रिजिस्ट्रार पेट्रोलियम वर्ग A,B के वर्क तथा खास के भंडारण के लिए पेट्रोलियम नियम, 2002 के अधिनियम - XV में संशोधन, दिनांक 31/12/2028 तक वैध अनुमति संख्या PWC/MH/15/6490 (P541442) दिनांक 06/02/2024 जारी की गई है।

Licence No. PWC/MH/15/6490 (P541442) dated 06/02/2024 granted in Form XV under the Petroleum Rules, 2002 and valid till 31/12/2028 for the storage of the following kinds and quantities of Petroleum at the subject installation is forwarded herewith.

पेट्रोलियम का विवरण /Description of Petroleum	किलोलीटरों में अनुमति क्षमता /Quantity licensed in KL
वर्क क प्रमुख पेट्रोलियम /Petroleum Class A in bulk	80.00 KL
वर्क क प्रमुख पेट्रोलियम से निम्न /Petroleum Class A, otherwise than in bulk	NIL
वर्क क प्रमुख पेट्रोलियम /Petroleum Class B in bulk	1425.00 KL
वर्क क प्रमुख पेट्रोलियम से निम्न /Petroleum Class B, otherwise than in bulk	NIL
वर्क क प्रमुख पेट्रोलियम /Petroleum Class C in bulk	NIL
वर्क क प्रमुख पेट्रोलियम से निम्न /Petroleum Class C, otherwise than in bulk	NIL
कुल क्षमता /Total Capacity	1475.00 KL

कृपया पेट्रोलियम नियम 2002 के अधिनियम नए नियम 148 में दी गई प्रक्रिया का कड़ाई से पालन करें और अनुमति के नवीकरण हेतु समस्त दस्तावेजों को अनुमति की निकाय स्थायी की कार्यालय पर उससे पूर्व Jt. Chief Controller of Explosives, West Circle, Mumbai को प्रेषित करें।

Please follow the procedure strictly as laid down in rule 148 of the Petroleum Rules, 2002 and submit complete documents for the Renewal of the licence to Jt. Chief Controller of Explosives, West Circle, Mumbai, so as to reach his office on or before the date on which Licence expires.

यह अनुमति/अनुमति अन्य प्राधिकारियों से आवश्यक अनुमति/अनुमति प्राप्त करने से या यह समूह अन्य विधियों से सुरक्षित नहीं है।

This approval/permission, however, does not absolve from obtaining necessary permission/clearance from other authorities or under other statutes as applicable.

भवदीय /Yours faithfully,

(अमित कुमार)
(Amit Kumar)

विस्फोटक निरीक्षक

Controller of Explosives

ए.डी.डी. बेलपुर विस्फोटक निरीक्षक

For Jt. Chief Controller of Explosives

नवी मुंबई (महाराष्ट्र) /Mumbai

Copy forwarded to :-

1. The District Magistrate, RAIGAD(Maharashtra) with reference to his NOC No DC/MAG-2/NOC/Petroleum/Grasim/Sr. No.13/2023 Dated 28/07/2023

For Jt. Chief Controller of Explosives
Mumbai

(अधिक जानकारी के लिए जालवेब की लिंकिंग, कृपया हमारे वेबसाइट के लिए हमारी वेबसाइट http://peso.gov.in देखें।
(For more information regarding status, fees and other details please visit our website http://peso.gov.in)

Note:-This is system generated document does not require signature.



Annexture 8

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/IND3/291527/2022
Environment & Climate Change
Department
Room No. 217, 2nd Floor,
Mantralaya, Mumbai- 400032.
Date: 06.02.2024

To
Digamber Singh.
At Plot No. A1 Midc Mahad Village Kamble
Tarfe Birwadi Taluka Mahad District Raigad

Subject :- Corrigendum in Environmental clearance for Proposed Integrated Paint Manufacturing Facility At Plot No. A1 Midc Mahad Village Kamble Tarfe Birwadi Taluka Mahad District Raigad Maharashtra 402309 by Digamber Singh.

Reference : 1. Application no. SIA/MH/IND3/291527/2022.
2. Earlier EC No. vide EC22B023MH151788 (File No. - SIA/MH/IND3/68936/2021) dated 24.08.2022.


This has reference to your communication on the above-mentioned subject. You have obtained Environment Clearance vide EC No. EC22B023MH151788 dated 24.08.2022. Now, you have applied for corrigendum in Environment Clearance dated 24.08.2022. Your Proposal was considered in 273rd (Day-1) meeting of State Level Environment Impact Assessment Authority (SEIAA) held on 3rd January, 2024 and SEIAA decided to grant corrigendum in Environment Clearance dated as below-

PP has obtained earlier EC vide EC Identification No. - EC22B023MH151788 (File No. - SIA/MH/IND3/68936/2021) dated 24.08.2022. SEIAA further observed that, in the EC dated 24.08.2022 SEIAA specific condition no 10 is as -"PP to ensure use of briquette / bio-coal/Pellets/ or any such suitable product derived from scientific processing of appropriate stream of dry waste /agricultural waste not less than 50% of total fuel required to boiler.". Now, PP submitted that, while applying for Environment Clearance they have proposed use of HSD, however, in SEIAA conditions use of briquette / bio-coal/Pellets/ or any such suitable product. PP also submitted that, they are using HSD complying with the BS-VI norms having Sulphur Content less than 10 ppm. Hence, PP applied for corrigendum in EC dated 24.08.2022 for change in fuel.

SEIAA decided to grant corrigendum in EC dated 24.08.2022 by removing SEIAA specific condition no 10

All the other terms and conditions mentioned in the EC dated 24.08.2022 shall remain the same.




Pravin Darade
(Member Secretary, SEIAA)

Annexure 9

ग्रासिम इंडस्ट्रीज लिमिटेड

इंटीग्रेटेड पेंट उत्पादन युनिट, भूखंड क्र. A1, महाड एमआयडीसी औद्योगिक क्षेत्र, गाव- कांबळे तर्फे बिरवाडी, तालुका- महाड, जिल्हा रायगड, महाराष्ट्र-402309

SEIAA, महाराष्ट्र दवारे, भूखंड क्र. A1, महाड एमआयडीसी औद्योगिक क्षेत्र, गाव- कांबळे तर्फे बिरवाडी, तालुका- महाड, जिल्हा रायगड मध्ये इंटीग्रेटेड पेंट उत्पादन युनिटसाठी पर्यावरणविषयक मंजूरीची सूचना:

याद्वारे सर्व संबंधितांना आणि जनतेला सूचना देण्यात येत आहे की, भूखंड क्र. A-1, महाड एमआयडीसी औद्योगिक क्षेत्र, गाव- कांबळे, तर्फे बिरवाडी तालुका-महाड, जिल्हा- रायगड राज्य महाराष्ट्र, येथे 24 ऑगस्ट 2022 च्या मंजूरी क्रमांक EC22B023MH151788 च्या पत्रान्वये नवीन उत्पादन कारखाना स्थापनेसाठी राज्यस्तरीय पर्यावरण आघात मूल्यमापन प्राधिकरण (SEIAA) महाराष्ट्राकडून पर्यावरणविषयक मंजूरी देण्यात आली आहे. सदर मंजूरी पत्र सस्थेच्या कॉर्पोरेट कार्यालयात आणि राज्यस्तरीय पर्यावरण आघात मूल्यमापन प्राधिकरण (SEIAA), महाराष्ट्राच्या कार्यालयात उपलब्ध आहे आणि MoEF&CC च्या <http://environmentclearance.nic.in> या संकेतस्थळावर देखील पाहिले जाऊ शकते.

GRASIM INDUSTRIES LIMITED

Integrated Paint Manufacturing unit at Plot no. A-1, Mahad MIDC industrial area, Village- Kamble tarfe Birwadi, Taluka-Mahad, District- Raigad, Maharashtra-402 309

Notice of Environmental Clearance by SEIAA, Maharashtra for Integrated Paint Manufacturing Unit at Plot no. A-1, Mahad MIDC Industrial area Village- Kamble tarfe Birwadi, Taluka- Mahad, District Raigad.

Notice is hereby given, to all concerned & public at large, that the Integrated Paint Manufacturing Unit at Plot no. A-1, Mahad MIDC Industrial Area, Village- Kamble tarfe Birwadi Taluka-Mahad, District- Raigad State Maharashtra been accorded Environmental clearance from State Level Environmental Impact Assessment Authority (SEIAA) Maharashtra vide its letter of clearance no. EC22B023MH151788 dated 24th August 2022. The copy of the said clearance letter is available at the corporate office of the organization and at the office of State Level Environment Impact Assessment Authority (SEIAA), Maharashtra and may also be seen at the website of MoEF&CC i.e. <http://environmentclearance.nic.in>.

Advertisement in Local Newspapers



ग्रासिम इंडस्ट्रीज लिमिटेड

इंटीग्रेटेड पेंट उत्पादन युनिट, प्लॉट क्र. A1, महाड एमआयडीसी औद्योगिक क्षेत्र, गाव- कांबळे तर्फे बिरवाडी, तालुका महाड, जिल्हा रायगड, महाराष्ट्र-४०२३०९

SEIAA, महाराष्ट्र द्वारे, प्लॉट क्र. A1, महाड एमआयडीसी औद्योगिक क्षेत्र, गाव- कांबळे तर्फे बिरवाडी, तालुका- महाड, जिल्हा रायगडमध्ये इंटीग्रेटेड पेंट उत्पादन युनिटसाठी पर्यावरणविषयक मंजूरीची सूचना:

याद्वारे सर्व संबंधितांना आणि जनतेला सूचना देण्यात येत आहे की, प्लॉट क्र. A1, महाड एमआयडीसी औद्योगिक क्षेत्र, गाव- कांबळे, तर्फे बिरवाडी तालुका-महाड, जिल्हा- रायगड राज्य महाराष्ट्र, वेधे २४ ऑगस्ट २०२२ च्या मंजूरी क्रमांक EC२२B०२३MH१५१७८८ च्या पत्रान्वये नवीन उत्पादन कारखाना स्थापनेसाठी राज्यस्तरीय पर्यावरण आघात मूल्यांकन प्राधिकरण (SEIAA) महाराष्ट्राकडून पर्यावरणविषयक मंजूरी देण्यात आली आहे. सदा मंजूरी पर संस्थेच्या कॉर्पोरेट कार्यालयात आणि राज्यस्तरीय पर्यावरण आघात मूल्यांकन प्राधिकरण (SEIAA), महाराष्ट्राच्या कार्यालयात उपलब्ध आहे आणि MoEF&CC च्या <http://environmentclearance.nic.in> चा संकेतस्थळान्वय देखील पाहिले जाऊ शकते

GRASIM INDUSTRIES LIMITED

Integrated Paint Manufacturing unit at Plot no. A-1, Mahad MIDC industrial area, Village- Kamble tarfe Birwadi, Taluka-Mahad, District- Raigad, Maharashtra- 402 309

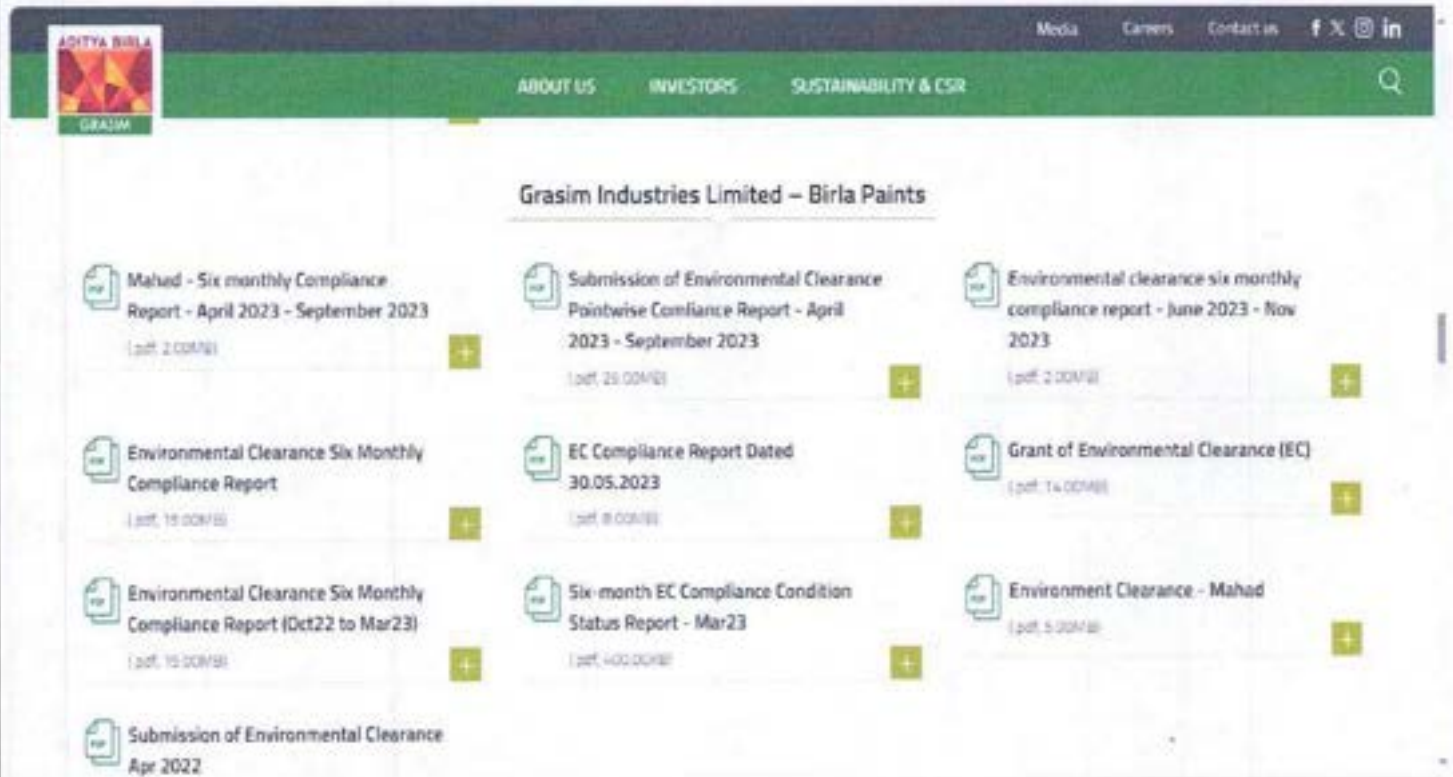
Notice of Environmental Clearance by SEIAA, Maharashtra for Integrated Paint Manufacturing Unit at Plot no. A-1, Mahad MIDC Industrial area Village- Kamble tarfe Birwadi, Taluka- Mahad, District Raigad.

Notice is hereby given, to all concerned & public at large, that the Integrated Paint Manufacturing Unit at Plot no. A-1, Mahad MIDC Industrial Area, Village- Kamble tarfe Birwadi Taluka-Mahad, District- Raigad State Maharashtra been accorded Environmental clearance from State Level Environmental Impact Assessment Authority (SEIAA) Maharashtra vide its letter of clearance no. EC22B023MH151788 dated 24th August 2022. The copy of the said clearance letter is available at the corporate office of the organization and at the office of State Level Environment Impact Assessment Authority (SEIAA), Maharashtra and may also be seen at the website of MoEF&CC i.e. <http://environmentclearance.nic.in>.

Advertisement in Local Newspapers



Annexure 10



The screenshot displays the website for Grasim Industries Limited, specifically the Birla Paints section. The header includes the company logo, navigation links for 'ABOUT US', 'INVESTORS', and 'SUSTAINABILITY & CSR', and social media icons. The main content area is titled 'Grasim Industries Limited – Birla Paints' and lists several documents related to environmental clearance and compliance. Each document entry includes a PDF icon, the document title, the date, and a green plus sign indicating it is available for download.

Document Title	Date
Mahad - Six monthly Compliance Report - April 2023 - September 2023	1.pdf, 2.00M@
Submission of Environmental Clearance Pointwise Compliance Report - April 2023 - September 2023	1.pdf, 29.00M@
Environmental clearance six monthly compliance report - June 2023 - Nov 2023	1.pdf, 2.00M@
Environmental Clearance Six Monthly Compliance Report	1.pdf, 18.00M@
EC Compliance Report Dated 30.05.2023	1.pdf, 8.00M@
Grant of Environmental Clearance (EC)	1.pdf, 14.00M@
Environmental Clearance Six Monthly Compliance Report (Oct22 to Mar23)	1.pdf, 19.00M@
Six-month EC Compliance Condition Status Report - Mar23	1.pdf, 400.00M@
Environment Clearance - Mahad	1.pdf, 5.00M@
Submission of Environmental Clearance Apr 2022	

EC Letter & Compliance Conditions uploaded on website.



Annexure 11

ENVIRONMENTAL CELL

Mahendra Singh Shekhawat
Unit Head

Raj Kumar Lakhotia
EHS Lead
BE (Chemical), ADIS, PGDEM
Experience 15 years

Sachin Yallurkar
Associate Manager -EHS
MBA (Envt. Science), ADIS, NEBOSH
Experience 11 years

Anil Patil
Assistant Manager-EHS
ADIS, DME,
Experience 12 years



ANNEXURE 12

CONSENT TO ESTABLISH

CTE No: Format L0/CAC/UAN/No.0000133765/CE/2206001311

Date: 23.06.2022

Sr. No.	Acts/Rules	Specific Conditions	Remark
1	Batteries (Management & Handling) Rules, 2001	The applicant shall ensure that used batteries are not disposed of in any manner other than by depositing with the authorized dealer/ manufacturer/ registered recycler/ importer/ re-conditioner or at the designated collection center.	This is noted for compliance
2		The applicant shall file half-yearly return in Form VIII to the M.P.C. Board.	This is noted for compliance
3		Bulk consumers to their user units may auction used batteries to registered recyclers only.	This is noted for compliance
4		The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.	Noted
5		This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.	Noted
6		The applicant should not take any effective steps for implementation of the project before obtaining Environmental Clearance as per EIA Notification 2006 and amendments thereto. As per Para 2 of EIA notification dated-14.09.2006, the effective steps include starting of any construction work or preparation of land by the project management. However as clarified by the MoEF vide office memorandum no. J-11(0341)/2006-IA,II(T), Dated-19/08/2010, fencing of the site to protect it from getting encroached and construction of temporary shed(s) for the guard(s) & acquisition of land not be treated as an effective step.	Received EC No. 22B023MH151788 Dated 24.08.2022
7		The applicant shall install comprehensive treatment system for treatment of trade effluent & treated effluent will be 100% recycled in the process to achieve ZLD	Zero liquid discharge effluent treatment plant 150 KLD followed by RO & MEE will be provided. This unit will adhere the norms regulated by CPCB/MPCB.
8		The applicant shall provide Sewage Treatment Plant of adequate capacity & treated sewage shall be used on land for gardening purpose within premises	Domestic wastewater/ sewage effluent will be treated in 30 KLD STP plant and considering sewage effluent discharge norms regulated by the MPCB/CPCB
9		The applicant shall dispose the Hazardous Waste as per the provision of H&OW Rule by adopting online manifest system	Online manifest will be submitted during submission of hazardous waste
10		Industry shall install online continuous monitoring system as per CPCB guidelines & data to be transmitted directly from Data Logger to Board server.	Online continuous monitoring system has been installed
11		The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before actual commencement of the Unit/Activity.	This is noted for compliance
12		This consent is issued as per the minutes of Consent Appraisal Committee meeting held on 24/5/2022	
13	Terms & Conditions for Compliance of Water Pollution Control	A) As per your application, you have proposed to segregate trade effluent into weak stream & strong stream and provide Effluent Treatment Plant (ETP) comprising of: i) Strong COD/TDS stream of 6 CMD - Treatment system comprising of Primary (Advanced Oxidation, Primary after start). ii) Weak COD/TDS stream of 114 CMD - Treatment system comprising of Primary (Collection tank, Neutralization tank, Equalization tank, Flash mixer, Primary Clarifier-Primary Settling Tank), Secondary (Activated sludge process), Tertiary (Pressure sand filter, Activated carbon filter, Ultra Filtration), Advance treatment (Reverse osmosis, Multi Effective Evaporator (stage), ATFD).	Zero liquid discharge effluent treatment plant 150 KLD followed by RO & MEE is provided. (Out of total capacity of ETP 150 KLD, 10KLD ETP for strong stream & 140 KLD ETP for weak stream is considered)
14	The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent and recycle the entire treated effluent into the process for various purposes such as for cooling, process & Scrubbing with misting system so as to achieve Zero Liquid Discharge. There shall be no discharge on land or outside factory premises.	Zero liquid discharge effluent treatment plant 150 KLD followed by RO & MEE will be provided. This unit will adhere the norms regulated by CPCB/MPCB.	
15	B) As per your application, you have provided Sewage Treatment Plant of designed capacity 30 CMD for the treatment of 23 CMD of sewage.	Domestic wastewater/ sewage effluent will be treated in 30 KLD STP plant and considering sewage effluent discharge norms regulated by the MPCB/CPCB	
16	The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.		
17	Parameters & Standards (mg/l): 1. Suspended Solids Not to exceed 50 mg/l 2. BOD 3 days 27°C Not to exceed 30 mg/l 3. COD Not to exceed 100 mg/l	Designing of Outlet parameters of the STP will be as per the standard parameters	
18	C) The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after conforming above standards. In no case, sewage shall find its way for gardening / outside factory premises.	Noted	
19	The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.	Consent will be taken before establishment of the unit.	




20		The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.	PM schedule will be prepared	
21		The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act.	Water meter has been provided	
22		The Applicant shall provide Specific Water Pollution control system as per the conditions of IP Act, 1986 and rule made there under from time to time/Environmental Clearance/ CREP guidelines.	ZLD unit consisting of ETP, RO, MEE is installed for the effluent water treatment and STP is installed for the domestic/sewage water treatment.	
23		Guidelines for Storm-Water: i. Storm water for a plant, a unit (having plot size at least 250 square meters) shall not be allowed to mix with scrubber water, effluent and/or floor washings. ii. Storm water within the battery limits of a unit shall be channelized through separate drain or pipe passing through a High Density Poly ethylene (HDPE) lined pit having holding capacity of 10 minutes (hourly average) of rainfall.	Storm water line will be channelized through separate drain line, it will not be mixed with the any effluent.	
24	Terms & Conditions for compliance of Air Pollution Control	As per your application, you have proposed to provide the Air pollution control (APC) system and also to erect following stack (s) to observe the following fuel pattern:	DG sets are considered with acoustic enclosure and having the stack height of 30 mtr	
25		Boiler Stacks	30 mtr height stacks are considered for the boilers	
26		Process Stack & Dust Collector	3 M above the roof stack height is considered for the process stack (As per EC Condition)	
27		All the dust generating equipments or process shall be provided with dust extraction arrangement.	Noted for Compliance	
28		The bag houses, etc. shall be connected to chimneys or stacks of atleast twelve meters height or at least two meters above the top most point of the building, shed or the plant in the industry, which so ever is higher	Noted for Compliance	
29		The unit shall channelize shop floor or fugitive emission through a stack of twelve meters height or at least two meters above the top most point of the building or shed or plant in the industry, which so ever is higher	Noted for Compliance	
30		The Applicant shall provide Specific Air Pollution control equipments as per the conditions of IP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.	30 Meter Stack heights are provided for the Air Pollution Control as per the IP Act, 1986	
31		The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erosion of new pollution control equipment	Noted for Compliance	
32		The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).	Noted for Compliance	
33		Guidelines for Solvent Losses: The total losses of solvent should not be more than 5% of the solvent consumed, if solvent consumption less than 1000 tons/Annun; and	Noted for Compliance	
34		The solvent loss should not be more than 3% of the solvent consumed, if solvent consumption greater than 1000tons/Annun.	Noted for Compliance	
35		Bank Guarantee	CTE Bank Guarantee of 25 Lakh against the compliance of Consent Condition Dated 31.05.2022 till 30.11.2022	DG No: 13940100017173 has been renewed upto 31.12.2024
36		General Conditions	The Energy source for lighting purpose shall preferably be LED based	This is noted for compliance
37			The IP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant	Storm water & Roof water systems is considered
38		Conditions for D.G. Set		
39		Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.	This is noted for compliance	
40		Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.	This is noted for compliance	
41		Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.	This is noted for compliance	
42		Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.	This is noted for compliance	
43		A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use	This is noted for compliance	
44		D.G. Set shall be operated only in case of power failure.	This is noted for compliance	
45		The applicant should not cause any nuisance in the surrounding area due to operation of D.O. Set.	This is noted for compliance	



46	The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.	This is noted for compliance
47	The applicant shall maintain good housekeeping.	This is noted for compliance
48	The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.	This is noted for compliance
49	The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted without prior consent of the Board.	This is noted for compliance
50	The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.	This is noted for compliance
51	The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).	This is noted for compliance
52	The industry shall submit official e-mail address and any change will be duly informed to the MPCB.	This is noted for compliance
53	The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PC-I, dated. 18.11.2009 as amended.	This is noted for compliance
54	The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.	This is noted for compliance
55	The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.	This is noted for compliance
56	The PP shall provide personal protection equipment as per norms of Factory Act.	This is noted for compliance
57	Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.	Monthly monitoring has done and reports are documented.
58	Whenever due to any accident or other unforeseen act or event, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectors of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.	This is noted for compliance
59	The applicant shall provide an automatic emission power source shut down or operate air pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions.	This is noted for compliance
60	The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.	This is noted for compliance
61	An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.	This is noted for compliance
62	Industry shall strictly comply with the Water (P&CF) Act, 1974, Air (P&CF) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).	This is noted for compliance
63	Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.	Separate drainage system is designed for the collection of trade & sewage effluent. Terminal manholes will be provided.
64	Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.	This is noted for compliance
65	The industry should not cause any nuisance in surrounding area.	This is noted for compliance
66	The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.	Noise monitoring has been done and the results are within the standards.
67	The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.	Complied
68	The applicant shall provide ports in the chimney(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.	This is noted for compliance

Handwritten signature and official stamp of the Maharashtra Pollution Control Board.

69	The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.	This is noted for compliance
70	The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.	This is noted for compliance
71	The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.	This is noted for compliance
72	The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.	This is noted for compliance
73	The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.	This is noted for compliance
74	The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/abatement well before its life come to an end or erection of new pollution control equipment.	This is noted for compliance
75	The Board reserves its rights to vary all or any of the conditions in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).	This is noted for compliance
76	The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.	This is noted for compliance



Annexure 13



Lab Approved by MoEF, New Delhi. (Valid till 05/02/2024)

"Shree", K 3/4, S. No. 10, Erandawane Housing Society, Opposite Deenanath Mangeshkar Hospital, Pune 411 004.
 • Tel.: 020 - 25460202, 25460203, 25460023, 25460033. • Email : kmn@hespl.co.in / md@hespl.co.in • www.hespl.co.in

TEST CERTIFICATEPage 1 of 1
HS/LAB/NABL/F/7.8.2.1

CLIENT'S NAME & ADDRESS	ULR NO.	TC7064240000019005
Grasim Industries Limited Birla Paints Division Plot No A-1, Village Kamble, Turf Birwadi, Mahad Industrial Area, MIDC, Taluka - Mahad, Raigad Maharashtra - 402309	REPORT DATE	22/03/2024
	LAB REFERENCE NO.	HS/LAB/AA/809
	SAMPLING DATE	15&16/03/2024
	SAMPLE RECEIPT DATE	18/03/2024
	START DATE OF ANALYSIS	18/03/2024
	END DATE OF ANALYSIS	21/03/2024
	SAMPLING REF. / SOP NO.	HS/NABL/Air/14

DETAILS OF SAMPLE	SAMPLING DONE BY	SAMPLE CONTAINER & QUANTITY	NATURE	LOCATION
Ambient Air	Horizon Services	Plastic Bottles and Bags	--	Near Admin Building

RESULTS

SR. NO.	TEST DESCRIPTION	UNIT	READINGS	NAAQS STANDARDS	METHOD OF SAMPLING AND ANALYSIS
01	DATE OF SAMPLING	DD/MM/YY	15&16/03/2024		
02	TEST LOCATION		Near Admin Building		
03	TIME OF SAMPLING	Hrs	12:45		
04	TEMPERATURE (Max./Min)	Deg C	31/24		
05	RELATIVE HUMIDITY	% RH	53		
06	SAMPLING DURATION	Hrs	24		
07	PM ₁₀	µg/m ³	91.67	≤100	IS 5182(part 23),RA 2022
08	PM _{2.5}	µg/m ³	47.83	≤60	IS 5182(part 24), 2019
09	SO ₂	µg/m ³	13.09	≤80	IS 5182(part 2),2023
10	NO ₂	µg/m ³	18.52	≤80	IS 5182(part 6),2022
11	Lead	µg/m ³	BDL (<0.05)	≤1.0	IS 5182(part 22) 2004 AR 2019
12	NH ₃	µg/m ³	BDL (<30)	≤400	IS 5182(part 25)2018
13	Ozone	µg/m ³	BDL (<5)	≤100	IS 5182(part 09)2019
14	Arsenic	ng/m ³	BDL (<3)	≤06	HS/NABL/AIR/22:2011
15	Nickel	ng/m ³	BDL (<7)	≤20	IS 5182(part 26)2020

Equipment Used: - Fine Dust Sampler, Sr.No.2218 (Polltech Make)

Date of Calibration: -29/05/2023 Next Calibration due: -28/05/2024

REMARKS/OBSERVATIONS: -

NAAQS: - National Ambient Air Quality Standards

BDL-Below Detectable Level

For HORIZON SERVICES

(AUTHORIZED SIGNATORY)

****End of Test Report****

MoEFCC and NABL 17025 certification renewal is under process.





Lab Approved by MoEF, New Delhi. (Valid till 05/02/2024)

"Shree", K 3/4, S. No. 10, Erandawane Housing Society, Opposite Deenanath Mangeshkar Hospital, Pune 411 004.
• Tel.: 020 - 25460202, 25460203, 25460023, 25460033. • Email: kmn@hespl.co.in / md@hespl.co.in • www.hespl.co.in

TEST CERTIFICATE

Page 1 of 1
HS/LAB/NABL/F/7.8.2.1

CLIENT'S NAME & ADDRESS	REPORT NO.	HS/LAB/AA/19005
Grasim Industries Limited Birla Paints Division Plot No A-1, Village Kamble, Turf Birwadi, Mahad Industrial Area, MIDC, Taluka - Mahad, Raigad Maharashtra - 402309	REPORT DATE	22/03/2024
	LAB REFERENCE NO.	HS/LAB/AA/809
	SAMPLING DATE	15&16/03/2024
	SAMPLE RECEIPT DATE	18/03/2024
	START DATE OF ANALYSIS	18/03/2024
	END DATE OF ANALYSIS	21/03/2024
	SAMPLING REF. / SOP NO.	HS/NABL/Air/14

DETAILS OF SAMPLE	SAMPLING DONE BY	SAMPLE CONTAINER & QUANTITY	NATURE	LOCATION
Ambient Air	Horizon Services	Plastic Bottles and Bags	--	Near Admin Building

RESULTS

SR. NO.	TEST DESCRIPTION	UNIT	READINGS	NAAQS STANDARDS	METHOD OF SAMPLING AND ANALYSIS
01	DATE OF SAMPLING	DD/MM/YY	15&16/03/2024		
02	TEST LOCATION		Near Admin Building		
03	TIME OF SAMPLING	Hrs	12:45		
04	TEMPERATURE (Max./Min)	Deg C	31/24		
05	RELATIVE HUMIDITY	% RH	53		
06	SAMPLING DURATION	Hrs	24		
07	CO (8 Hrs)	mg/m ³	0.267	≤2.0	IS 5182 (Part 10):1999 RA 2019
08	Benzene	µg/m ³	BDL (<4)	≤05	IS 5182 (Part 11):2006
09	Benzo(a)Pyrene	ng/m ³	BDL (<0.5)	≤01	IS 5182 (Part 12):2004

REMARKS/OBSERVATIONS: -

NAAQS: - National Ambient Air Quality Standards
BDL-Below Detectable Level

For HORIZON SERVICES

MANISHA NARGOLKAR
(Lab Incharge)

****End of Test Report****



MoEFCC and NABL 17025 certification renewal is under process.



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TEST CERTIFICATE

Page 1 of 1
HS/LAB/NABL/F/7,8,2.1

CLIENT'S NAME & ADDRESS	ULR NO.	TC7064240000019006
Grasim Industries Limited Birla Paints Division Plot No A-1, Village Kamble, Turf Birwadi, Mahad Industrial Area, MIDC, Taluka - Mahad, Raigad Maharashtra - 402309	REPORT DATE	22/03/2024
	LAB REFERENCE NO.	HS/LAB/AA/809
	SAMPLING DATE	15&16/03/2024
	SAMPLE RECEIPT DATE	18/03/2024
	START DATE OF ANALYSIS	18/03/2024
	END DATE OF ANALYSIS	21/03/2024
	SAMPLING REF. / SOP NO.	HS/NABL/Air/14

DETAILS OF SAMPLE	SAMPLING DONE BY	SAMPLE CONTAINER & QUANTITY	NATURE	LOCATION
Ambient Air	Horizon Services	Plastic Bottles and Bags	-	Near Engineering Store

RESULTS

SR. NO.	TEST DESCRIPTION	UNIT	READINGS	NAAQS STANDARDS	METHOD OF SAMPLING AND ANALYSIS
01	DATE OF SAMPLING	DD/MM/YY	15&16/03/2024		
02	TEST LOCATION		Near Engineering Store		
03	TIME OF SAMPLING	Hrs	13:00		
04	TEMPERATURE (Max./Min)	Deg C	31/24		
05	RELATIVE HUMIDITY	% RH	53		
06	SAMPLING DURATION	Hrs	24		
07	PM ₁₀	µg/m ³	85.76	≤100	IS 5182(part 23),RA 2022
08	PM _{2.5}	µg/m ³	48.63	≤60	IS 5182(part 24), 2019
09	SO ₂	µg/m ³	12.70	≤80	IS 5182(part 2),2023
10	NO ₂	µg/m ³	25.93	≤80	IS 5182(part 6),2022
11	Lead	µg/m ³	BDL (<0.05)	≤1.0	IS 5182(part 22) 2004 AR 2019
12	NH ₃	µg/m ³	BDL (<30)	≤400	IS 5182(part 25)2018
13	Ozone	µg/m ³	BDL (<5)	≤100	IS 5182(part 09)2019
14	Arsenic	ng/m ³	BDL (<3)	≤06	HS/NABL/AIR/22:2011
15	Nickel	ng/m ³	BDL (<7)	≤20	IS 5182(part 26)2020

Equipment Used: - Fine Dust Sampler, Sr.No.2419 (Polltech Make)

Date of Calibration: -29/05/2023 Next Calibration due: -28/05/2024

REMARKS/OBSERVATIONS: -

NAAQS: - National Ambient Air Quality Standards

BDL-Below Detectable Level

For HORIZON SERVICES

M. Raju
(AUTHORIZED SIGNATORY)

****End of Test Report****

MoEFCC and NABL 17025 certification renewal is under process.





Lab Approved by MoEF, New Delhi. (Valid till 05/02/2024)

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TEST CERTIFICATE

Page 1 of 1
HS/LAB/NABL/F/7.8.2.1

CLIENT'S NAME & ADDRESS	REPORT NO.	HS/LAB/AA/19006
Grasim Industries Limited Birla Paints Division Plot No A-1, Village Kamble, Turf Birwadi, Mahad Industrial Area, MIDC, Taluka - Mahad, Raigad Maharashtra - 402309	REPORT DATE	22/03/2024
	LAB REFERENCE NO.	HS/LAB/AA/809
	SAMPLING DATE	15&16/03/2024
	SAMPLE RECEIPT DATE	18/03/2024
	START DATE OF ANALYSIS	18/03/2024
	END DATE OF ANALYSIS	21/03/2024
	SAMPLING REF. / SOP NO.	HS/NABL/Air/14

DETAILS OF SAMPLE	SAMPLING DONE BY	SAMPLE CONTAINER & QUANTITY	NATURE	LOCATION
Ambient Air	Horizon Services	Plastic Bottles and Bags	--	Near Engineering Store

RESULTS

SR. NO.	TEST DESCRIPTION	UNIT	READINGS	NAAQS STANDARDS	METHOD OF SAMPLING AND ANALYSIS
01	DATE OF SAMPLING	DD/MM/YY	15&16/03/2024		
02	TEST LOCATION		Near Engineering Store		
03	TIME OF SAMPLING	Hrs	13:00		
04	TEMPERATURE (Max./Min)	Deg C	31/24		
05	RELATIVE HUMIDITY	% RH	53		
06	SAMPLING DURATION	Hrs	24		
07	CO (8 Hrs)	mg/m ³	0.090	≤2.0	IS 5182 (Part 10):1999 RA 2019
08	Benzene	µg/m ³	BDL (<4)	≤05	IS 5182 (Part 11):2006
09	Benzo(a)Pyrene	ng/m ³	BDL (<0.5)	≤01	IS 5182 (Part 12):2004

REMARKS/OBSERVATIONS: -

NAAQS: - National Ambient Air Quality Standards

BDL-Below Detectable Level

For HORIZON SERVICES

MANISHA NARGOLKAR
(Lab Incharge)

****End of Test Report****



MoEFCC and NABL 17025 certification renewal is under process.



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TEST CERTIFICATE

Page 1 of 1
HS/LAB/NABL/F/7.8.2.1

CLIENT'S NAME & ADDRESS	ULR NO.	TC7064240000019007
Grasim Industries Limited Birla Paints Division Plot No A-1, Village Kamble, Turf Birwadi, Mahad Industrial Area, MIDC, Taluka - Mahad, Raigad Maharashtra - 402309	REPORT DATE	22/03/2024
	LAB REFERENCE NO.	HS/LAB/AA/809
	SAMPLING DATE	15/03/2024
	SAMPLE RECEIPT DATE	18/03/2024
	START DATE OF ANALYSIS	18/03/2024
	END DATE OF ANALYSIS	21/03/2024
	SAMPLING REF. / SOP NO.	HS/NABL/AIR/15

DETAILS OF SAMPLE	SAMPLING DONE BY	SAMPLE CONTAINER & QUANTITY	NATURE	LOCATION
Stack Emission	Horizon Services	Plastic Bottles & Bags	-	D.G. Set (125 KVA)

RESULTS

SR. NO.	DESCRIPTION	UNIT	RESULT	LIMITS	TEST METHOD REFERENCE
01	DATE OF SAMPLING	DD/MM/YY	15/03/2024		
02	TEST LOCATION		D.G. Set (125 KVA)		
03	TIME OF SAMPLING (00.00)	Hrs	10:35		
04	MATERIAL OF STACK		MS		
05	STACK HEIGHT FROM G.L.	Mtr	2.9		
06	TYPE OF STACK		Round		
07	FLUE GAS TEMPERATURE	Deg K	411		
08	DIFFERENTIAL PRESSURE	mm WG	1.9		
09	VELOCITY	M/Sec	5.71		
10	DIAMETER OF STACK	M	0.1		
11	STACK AREA	M ²	0.0079		
12	GAS VOLUME	NM ³ /Hr	117.09		
13	SUSPENDED PARTICULATE MATTER	mg/NM ³	35.13	As per Consent	IS 11255 (Part 1):2019
14	SO ₂	mg/NM ³	41.82	--	
	SO ₂	Kg/Day	0.12	As per Consent	IS 11255 (Part 2):2019
15	NO _x	ppm	49	N.S.	IS 11255 (Part 7):2012

Equipment Used: -1) Stack Monitoring Kit, Sr.No. 07/2018 (ETCL model)

Date of Calibration: -07/08/2023 Next Calibration due: - 06/08/2024

REMARKS/OBSERVATIONS: -

N.S.: - Not Specified

For HORIZON SERVICES

(AUTHORIZED SIGNATORY)



****End of Test Report****

MoEFCC and NABL 17025 certification renewal is under process.

Excellent Enviro Laboratory & Research Center Pvt. Ltd.

(Formerly known as Excellent Enviro Laboratory & Research Center)
 Master in "Water & Waste Water Treatment, Monitoring,
 Testing & Environmental Compliance"

Format No. EELRC/LAB/F/074-7.8

WORKPLACE NOISE MONITORING REPORT

Client's Name & Address	Sample ID	EEL/ABD/N-161 to N-165/12/2023-24
M/s Grasim Industries Limited Birla Paints Division Plot No A-1, Village Kamble, Turf Birwadi, Mahad Industrial Area, MIDC, Taluka Mahad, Raigad	Date of Reporting	27/12/2023

SAMPLING DETAILS


01) Location of Sampling	As Listed Below in the Table.	
02) Sampling Procedure	IS 4758	
03) Sample Collected By	M/s. Excellent Enviro Laboratory & Research Center Pvt.Ltd.	
04) Date of Sampling	19/12/2023	
05) Time of Sampling	10:40 AM to 18:40 PM	
06) Instrument Details	Make	MECO
	Serial No	DB-01
	Calibration Date	Calibration On: 22/09/2023 Due On: 21/09/2024

RESULTS

Sr.No.	Test Location	I.D. No.	UOM	Average Noise Level Readings		Limit as per Maharashtra Factories Rules, 1963.
				Day	Night	
1	Batching Plant	N-161	dB(A)	60.0	56.0	90 dB(A)
2	RM Parking	N-162	dB(A)	61.4	55.0	
3	RB	N-163	dB(A)	62.8	58.3	
4	EB	N-164	dB(A)	63.6	58.5	
5	WPB & SPB	N-165	dB(A)	59.5	55.8	

UOM - Unit of Measurement

Remark: Noise level is within normal limits as per Maharashtra Factories Rules, 1963.

Reviewed By

 (Ms. Dhamodhini Narwade)
 (Dy. Technical Manager)

Authorized Signatory

 (Mr. Sagar Jare)
 (Quality Manager)





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*****End of Report*****

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Certifications : ☎ ISO 9001: 2015 ☎ ISO 14001 : 2015 ☎ ISO 45001: 2018

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