

Ref: ABG/GIL/EHS/07/2023

16.11.2023

To,
The Additional Principle Chief Conservator of Forest
Ministry of Environment, Forest, and Climate Change
Floor, 4th E & F wing, Kendriya sadan
17th Main road, IInd Block road Koramanagala,
Bangalore - 560 034, Karnataka.

Subject: Submission of Environmental Clearance Pointwise compliance report.

Reference No: SEIAA/48/IND/2021 dated: 11/04/2022

With reference to subject, Under Environmental Protection Act 1986, we are herewith submitting Environmental Clearance pointwise compliance status update report for Six Months (April-2023 to Sep-2023) along with Annexures. This is for your kind information & perusal.

Kindly acknowledge the receipt of letter along with the compliance report.

Thanking You.

Yours Sincerely,
For Grasim Industries Limited

G Breedh Kumar
Site Head

Enclosures: Annexures

**POINTWISE ENVIRONMENTAL CLEARANCE [EC NO. EC22B023KA154511] CONDITIONS
ISSUED TO M/S. GRASIM INDUSTRIES LIMITED.**

#	EC Compliance description	Status Update
Statutory Compliance		
I.	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.	The land is allotted by KIADB and is in Notified industrial area, Hence Not applicable
II.	The project proponent shall obtain clearance from the National Board for wildlife. If applicable	The land is allotted by KIADB and is in Notified industrial area, Hence Not applicable
III.	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (In case of the presence of schedule-I species in the study area)	Not applicable
IV.	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the conceded State Pollution Control Board/Committee	CTE granted by KSPCB (Document No.: KSPCB/Consent/: 331600 Dated:04/06/2022. Refer Annexure-1 CFO- will be applied before commissioning the plant
V.	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	Shall be Complied
VI.	The Company shall 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	Shall be Complied
Air Quality monitoring and preservation		
I.	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Shall be complied as per Emission standards stipulated for paint industry as per G.S.R 1241(E) dated 28 th December 2018
II.	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986.	Shall be Complied
III.	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g' PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each), covering upwind and downwind directions.	Ambient Air quality monitoring carried out & Analysis report attached Refer Annexure-2

IV.	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 0.50% 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.	Coal Fired Boiler- Not Applicable Stack height- Shall be Complied
V.	Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions	Shall be Complied
VI.	National Emission Standards for Organic Chemicals Manufacturing industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed.	Shall be Complied
VII.	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	Not Applicable
Water quality monitoring and preservation		
I.	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)	Guidelines applicable for ZLD will be Complied
II.	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).	Shall be Complied All the Effluent from process & utility blocks are treated in ETP and reused back in the process & Sewage water is treated STP & will be used for gardening
III.	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.	All the Effluent from process & utility blocks are treated in ETP and reused back in the process
IV.	Total fresh water requirement shall not exceed the proposed quantity or as specified by the committee. Prior permission shall be obtained from the conceded regulatory authority/CGWA in this regard	Shall be Complied
V.	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.	Process effluent generation is closed loop system to avoid Storm water mix with effluent
VI.	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.	The system for collecting Rainwater from roof tops & open area's along with storage reservoirs of capacity 18000 m3 and 22275 m3 will be provided. The rainwater will be utilised back in process
VII.	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.	Shall be Complied
Noise monitoring and prevention		
I.	Acoustic enclosure shall be provided to DG set for controlling the noise pollution.	Shall be Complied
II.	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise	The overall noise levels in and around the plant area shall be kept well within the

	control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.	standards by providing noise control measures
III.	The ambient noise levels should conform to the standards prescribed under E(p)A Rules, 1986 viz. 75 dB(A) during daytime and 70 dB(A) during night time.	Ambient Noise monitoring carried out & report attached Refer Annexure-3
Energy Conservation measures		
I.	The energy sources for lighting purposes shall preferably be LED based	Shall be Complied
Waste Management		
I.	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arrestors shall be provided on tank farm and the solvent transfer through pumps.	Flame arrestors will be provided for storage tanks & solvents are transferred through pumps
II.	Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF'	As per Hazardous & Other waste Transboundary rules, - Shall be Complied
III.	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	ETP treated water Recycling & reuse for process and other recovery system is in place.
Green belt		
I.	The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.	Phase wise Green belt development plan prepared to ensure 33% Greenery
Safety Public hearing and Human health issues		
I.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented	Complied & submitted during EC granting.
II.	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms.	Complied
III.	The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	Complied
IV.	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Complied
V.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project'	Complied

VI.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act	Premedical check-up is done, and periodical medical examination is being done on every six-month as per KBOCW rule.
VII.	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places	Shall be complied
Corporate Environment Responsibility		
I.	The project proponent shall comply with provision contained in OM vide F.No.22_6512017 -IA.Irl dated 25th February 2021 , of the Ministry of Environment, Forest and climate change as applicable, regarding Corporate Environment Responsibility and shall execute the action plan of community tree plantation in Mariyala & kasturu villages, water recharge/Harvesting in Kasturu & badanguppe villages and Forest Department- Fauna conservation plan in ummathur conservation R reserve, Antipoaching camp, Borewell with water tank, as submitted vide letter date d, og.o4.2oz2.	Noted and shall be complied. 1. Two Bolero vehicle given to forest department for fauna conservation 2. Pond rejuvenation work carried out at Doddamma Thayi temple 3. External Green belt development started at Kasturu village 4. Antipoaching camp & Borewell with water tank – are in pipeline for execution Refer Annexure-4
II.	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 wild life norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholder's / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	GIL (Paints Division) have environmental policy duly approve by the senior management and it is displayed at project site. Copy of policy will be submitted to MOEF & KSPCB along with the six-monthly compliance report. Refer Annexure-5
III.	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.	Compiled -Separate Environmental cell has been established with qualified EHS professionals.
IV.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.	Action plan for implementing EMP and Environmental conditions along with responsibility matrix of the company is ready and approved by the Senior Management. Separate funds are allocated for environmental protection measures reports & enclosed tracker Refer Annexure -6
V.	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Noted
Miscellaneous		
I.	a. Effort shall be made to replace Hexane, Toluene and Bromine by alternative as per the SEAC condition.	Shall be Explored
II.	b. 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	As per EC order, Company was given advertisement in two local newspapers of the District/State within 7 days (dated 17/04/2022) from EC granted by SEIAA (dated 11/04-2022).- Completed Refer Annexure-7

	and in addition this shall also be displayed in the project proponent's website permanently	
III.	c. 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 Movement who in turn has to display the same for 30 days from the date of receipt	As per EC order, environmental clearance copy has been submitted to KSPCB office and other government agencies to display for 30 days in public favour- Completed
IV.	d. 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.	Complied
V.	e. 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	Ambient Air quality monitoring is carried out- complied
VI.	f. 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'	Complied
VII.	g. "The HYCRs with its contents of a covering letter, compliance reports' and environmental monitoring data has to be in PDF format merged into a single document. The email should clearly mention the name of project, EC No & date' period of submission and to be sent to the Regional Office of MOEF&CC by email only at email ID ros.z.bng-mefcc@gov.in Hard copy of HYCRs shall not be acceptable"	Complied
VIII.	h. The project proponent shall submit the environmental statement in Form-V to the conceded State Pollution Control Board as Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company	As per Environment (Protection) Rules, 1986, Every year Form V, will be submitted to regional KSPCB office.
IX.	i. The project proponent shall inform the Region at Office as well as the Ministry' the date of financial closure and final approval of the project by the conceded authorities' commencing the land development work and start of production operation by the project	Shall be Complied
X.	j. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government	Shall be Complied
XI.	k. The project proponent shall abide by 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'	Shall be Complied
XII.	l. No further expansion or modifications in the plant shall be carried out without prior approval of this Authority or the Ministry of Environment, Forests and Climate Change (MoEF&CC)	Shall be Complied
XIII.	M. 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.	Noted

XIV.	N. The SEIAA may revoke or suspend the clearance' if implementation of any of the above conditions is not satisfactory	Noted
XV.	O. The SEIAA reserves the right to stipulate additional conditions if found necessary. The for each financial year prescribed under Company in a time bound manner shall implement these conditions	Noted
XVI.	P. The Regional Office of MoEF& CC shall monitor compliance of the stipulated conditions. The project authorities should extend fu[cooperation to the officer (s) of the Regional office by furnishing the requisite data / information monitoring reports	Noted
XVII.	Q. The above conditions shall be enforced, inter-alia under the provisions of the water (Prevention & control of Pollution) Act, 1974, the Air (prevention & control of Pollution) Act, 1981, the Environment (Protection) Act, 19g6, Hazardous and other wastes (Management and transboundary Movement) Rules, 2016 and the public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme court of India / High courts and any other court of Law relating to the subject matter.	Noted
XVIII.	R. 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.	Noted
Additional conditions		
I	a. Health surveillance of all the employees shall be conducted on annual basis and maintain records thereafter.	Completed- Ongoing
	b. Carryout audit of VOC emissions from the process on annual basis.	Shall be Complied

Annexure-1 CTE Authorization letter

Annexure-2 Ambient Air quality monitoring report

Annexure-3 Ambient Noise monitoring report

Annexure-4 CER update

Annexure-5 Environmental Policy

Annexure-6 Environmental Management Plan

Annexure-7 Advertisement in Two local Newspapers



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 Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230
 Email : info@robustmaterials.com Website : www.robustmaterials.com

TEST REPORT



M/s. Grasim Industries Limited Birla Paints Division Plot No 147A, 147B & 147C Corner Badanaguppe Kellamballi Industrial Area Chamarajanagar Karnataka - 571313,	Report No. : RCA/2023/07350
	Report date : 01/09/2023
	Ref. : Test Request Form
	Ref. Date : 28/08/2023
	Job Order No : RCA/2023/07350
	Date : 29/08/2023
Date of Analysis : 29/08/2023 to 01/09/2023	

Sample Particulars: Ambient Air Monitoring on 28/08/2023 to 29/08/2023 for 24hrs.
 Sampling Location: ETF (Middle of the Site).

Discipline: Chemical			Group: Atmospheric Pollution	
Sl. No.	Test Parameters	Results	Limits (As Per NAAQS)	Protocol
1	Particulate Matter PM ₁₀ , µg/m ³	62.8	100	IS-5182 (P-23)
2	Particulate Matter PM _{2.5} , µg/m ³	21.5	60	IS-5182 (P-24)
3	Nitrogen Dioxide NO ₂ , µg/m ³	19.3	80	IS-5182 (P-06)
4	Sulphur dioxide as SO ₂ , µg/m ³	7.5	80	IS-5182 (P-02)
5	Nickel as Ni, ng/m ³	<10.0	20	NAAQM
6	Lead as Pb, µg/m ³	<0.1	1.0	IS-5182 (P-22)
7	Arsenic as As, ng/m ³	<2.0	6.0	E/WP/41
8	Carbon monoxide as CO, mg/m ³	<1.0	4.0	IS-5182 (P-10)
9	Ozone as O ₃ , µg/m ³	5.0	180	IS-5182 (P-09)
10	Ammonia as NH ₃ , µg/m ³	4.1	400	IS-5182 (P-25)
11	Benzene, µg/m ³	<2.5	5.0	IS-5182 (P-11)
12	Benzo(a) pyrene, ng/m ³	<1.0	1.0	IS-5182 (P-12)

INFERENCE: The measured values for the above parameters are within the standards.

-----END OF THE REPORT-----

[Signature]
 Verified by

[Signature]
 Authorized by
Rajesh S

Note: 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.



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Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230

Email : info@robustmaterials.com Website : www.robustmaterials.com

TEST REPORT



M/s. Grasim Industries Limited Birla Paints Division Plot No 147A, 147B & 147C Corner Badanaguppe Kellamballi Industrial Area Chamarajanagar Karnataka - 571313,	Report No. : RCA/2023/07349
	Report date : 01/09/2023
	Ref. : Test Request Form
	Ref. Date : 28/08/2023
	Job Order No : RCA/2023/07349
	Date : 29/08/2023
Date of Analysis : 29/08/2023 to 01/09/2023	

Sample Particulars: Ambient Air Monitoring on 28/08/2023 to 29/08/2023 for 24hrs.
Sampling Location: RM Truck Parking Area.

Discipline: Chemical		Group: Atmospheric Pollution		
Sl. No.	Test Parameters	Results	Limits (As Per NAAQS)	Protocol
1	Particulate Matter PM ₁₀ , µg/m ³	65.4	100	IS-5182 (P-23)
2	Particulate Matter PM _{2.5} , µg/m ³	26.3	60	IS-5182 (P-24)
3	Nitrogen Dioxide NO ₂ , µg/m ³	20.5	80	IS-5182 (P-06)
4	Sulphur dioxide as SO ₂ , µg/m ³	8.3	80	IS-5182 (P-02)
5	Nickel as Ni, ng/m ³	<10.0	20	NAAQM
6	Lead as Pb, µg/m ³	<0.1	1.0	IS-5182 (P-22)
7	Arsenic as As, ng/m ³	<2.0	6.0	E/WP/41
8	Carbon monoxide as CO, mg/m ³	<1.0	4.0	IS-5182 (P-10)
9	Ozone as O ₃ , µg/m ³	4.8	180	IS-5182 (P-09)
10	Ammonia as NH ₃ , µg/m ³	3.5	400	IS-5182 (P-25)
11	Benzene, µg/m ³	<2.5	5.0	IS-5182 (P-11)
12	Benzo(a) pyrene, ng/m ³	<1.0	1.0	IS-5182 (P-12)

INFERENCE: The measured values for the above parameters are within the standards.

-----END OF THE REPORT-----


Verified by


Authorized by
Rajesha S

Note: 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our Lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.



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TEST REPORT



M/s. Grasim Industries Limited Birla Paints Division Plot No 147A, 147B & 147C Corner Badanaguppe Kellamballi Industrial Area Chamarajanagar Karnataka - 571313,	Report No. : RCA/2023/07348
	Report date : 01/09/2023
	Ref. : Test Request Form
	Ref. Date : 28/08/2023
	Job Order No : RCA/2023/07348
	Date : 29/08/2023
	Date of Analysis : 29/08/2023 to 01/09/2023

Sample Particulars: Ambient Air Monitoring on 28/08/2023 to 29/08/2023 for 24hrs.
Sampling Location: WBG (Back Side) Area.

Discipline: Chemical		Group: Atmospheric Pollution		
Sl.No.	Test Parameters	Results	Limits (As Per NAAQS)	Protocol
1	Particulate Matter PM ₁₀ , µg/m ³	61.3	100	IS-5182 (P-23)
2	Particulate Matter PM _{2.5} , µg/m ³	22.7	60	IS-5182 (P-24)
3	Nitrogen Dioxide NO ₂ , µg/m ³	16.5	80	IS-5182 (P-06)
4	Sulphur dioxide as SO ₂ , µg/m ³	6.5	80	IS-5182 (P-02)
5	Nickel as Ni, ng/m ³	<10.0	20	NAAQM
6	Lead as Pb, µg/m ³	<0.1	1.0	IS-5182 (P-22)
7	Arsenic as As, ng/m ³	<2.0	6.0	E/WP/41
8	Carbon monoxide as CO, mg/m ³	<1.0	4.0	IS-5182 (P-10)
9	Ozone as O ₃ , µg/m ³	4.2	180	IS-5182 (P-09)
10	Ammonia as NH ₃ , µg/m ³	3.2	400	IS-5182 (P-25)
11	Benzene, µg/m ³	<2.5	5.0	IS-5182 (P-11)
12	Benzo(a) pyrene, ng/m ³	<1.0	1.0	IS-5182 (P-12)

INFERENCE: The measured values for the above parameters are within the standards.

-----END OF THE REPORT-----

Verified by

Authorized by
Rajesha S

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TEST REPORT



TC-6165

M/s. Grasim Industries Limited Birla Paints Division Plot No 147A, 147B & 147C Corner Badanaguppe Kellamballi Industrial Area ChamaraJanagar Karnataka - 571313,	Report No. : RCA/2023/07347
	Report date : 01/09/2023
	Ref. : Test Request Form
	Ref. Date : 28/08/2023
	Job Order No : RCA/2023/07347
	Date : 29/08/2023
	Date of Analysis : 29/08/2023 to 01/09/2023

Sample Particulars: Ambient Air Monitoring on 28/08/2023 to 29/08/2023 for 24hrs.

Sampling Location: OTF (Back Side) Area.

Discipline: Chemical		Group: Atmospheric Pollution		
Sl.No.	Test Parameters	Results	Limits (As Per NAAQS)	Protocol
1	Particulate Matter PM ₁₀ , µg/m ³	63.6	100	IS-5182 (P-23)
2	Particulate Matter PM _{2.5} , µg/m ³	24.5	60	IS-5182 (P-24)
3	Nitrogen Dioxide NO ₂ , µg/m ³	19.3	80	IS-5182 (P-06)
4	Sulphur dioxide as SO ₂ , µg/m ³	7.7	80	IS-5182 (P-02)
5	Nickel as Ni, ng/m ³	<10.0	20	NAAQM
6	Lead as Pb, µg/m ³	<0.1	1.0	IS-5182 (P-22)
7	Arsenic as As, ng/m ³	<2.0	6.0	E/WP/41
8	Carbon monoxide as CO, mg/m ³	<1.0	4.0	IS-5182 (P-10)
9	Ozone as O ₃ , µg/m ³	4.3	180	IS-5182 (P-09)
10	Ammonia as NH ₃ , µg/m ³	5.7	400	IS-5182 (P-25)
11	Benzene, µg/m ³	<2.5	5.0	IS-5182 (P-11)
12	Benzo(a) pyrene, ng/m ³	<1.0	1.0	IS-5182 (P-12)

INFERENCE: The measured values for the above parameters are within the standards.

----- END OF THE REPORT -----

Verified by

Authorized by
Rajesh S

Note: 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.



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Email : info@robustmaterials.com Website : www.robustmaterials.com



TEST REPORT

M/s. Grasim Industries Limited Birla Paints Division Plot No 147A, 147B & 147C Corner Badanaguppe Kellamballi Industrial Area Chamarajanagar Karnataka - 571313,	Report No. : RCA/2023/08499
	Report date : 04/10/2023
	Ref. : Test Request Form
	Ref. Date : 28/09/2023
	Job Order No : RCA/2023/08499
	Date : 29/09/2023
	Date of Analysis : 29/09/2023 to 04/10/2023

Sample Particulars: Ambient Air Monitoring on 28/09/2023 to 29/09/2023 for 24hrs.

Sampling Location: OTF (Back Side) Area.

Discipline: Chemical		Group: Atmospheric Pollution		
Sl.No.	Test Parameters	Results	Limits (As Per NAAQS)	Protocol
1	Particulate Matter PM ₁₀ , µg/m ³	61.3	100	IS-5182 (P-23)
2	Particulate Matter PM _{2.5} , µg/m ³	22.0	60	IS-5182 (P-24)
3	Nitrogen Dioxide NO ₂ , µg/m ³	17.5	80	IS-5182 (P-06)
4	Sulphur dioxide as SO ₂ , µg/m ³	7.2	80	IS-5182 (P-02)
5	Nickel as Ni, ng/m ³	<10.0	20	NAAQM
6	Lead as Pb, µg/m ³	<0.1	1.0	IS-5182 (P-22)
7	Arsenic as As, ng/m ³	<2.0	6.0	E/WP/41
8	Carbon monoxide as CO, mg/m ³	<1.0	4.0	IS-5182 (P-10)
9	Ozone as O ₃ , µg/m ³	4.1	180	IS-5182 (P-09)
10	Ammonia as NH ₃ , µg/m ³	5.3	400	IS-5182 (P-25)
11	Benzene, µg/m ³	<2.5	5.0	IS-5182 (P-11)
12	Benzo(a) pyrene, ng/m ³	<1.0	1.0	IS-5182 (P-12)

INFERENCE: The measured values for the above parameters are within the standards.

-----END OF THE REPORT-----

Verified by

Authorized by
Rajesh S

Note: 1. The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.



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TC-8165


TEST REPORT

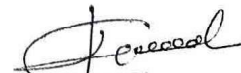
M/s. Grasim Industries Limited Birla Paints Division Plot No 147A, 147B & 147C Corner Badanaguppe Kellamballi Industrial Area Chamarajanagar Karnataka - 571313,	Report No. : RCA/2023/08502
	Report date : 04/10/2023
	Ref. : Test Request Form
	Ref. Date : 28/09/2023
	Job Order No : RCA/2023/08502
	Date : 29/09/2023
	Date of Analysis : 29/09/2023 to 04/10/2023
Sample Particulars: Ambient Air Monitoring on 28/09/2023 to 29/09/2023 for 24hrs.	
Sampling Location: ETF (Middle of the Site).	

Discipline: Chemical		Group: Atmospheric Pollution		
Sl. No.	Test Parameters	Results	Limits (As Per NAAQS)	Protocol
1	Particulate Matter PM ₁₀ , µg/m ³	60.8	100	IS-5182 (P-23)
2	Particulate Matter PM _{2.5} , µg/m ³	20.3	60	IS-5182 (P-24)
3	Nitrogen Dioxide NO ₂ , µg/m ³	16.9	80	IS-5182 (P-06)
4	Sulphur dioxide as SO ₂ , µg/m ³	8.0	80	IS-5182 (P-02)
5	Nickel as Ni, ng/m ³	<10.0	20	NAAQM
6	Lead as Pb, µg/m ³	<0.1	1.0	IS-5182 (P-22)
7	Arsenic as As, ng/m ³	<2.0	6.0	E/WP/41
8	Carbon monoxide as CO, mg/m ³	<1.0	4.0	IS-5182 (P-10)
9	Ozone as O ₃ , µg/m ³	4.7	180	IS-5182 (P-09)
10	Ammonia as NH ₃ , µg/m ³	3.8	400	IS-5182 (P-25)
11	Benzene, µg/m ³	<2.5	5.0	IS-5182 (P-11)
12	Benzo(a) pyrene, ng/m ³	<1.0	1.0	IS-5182 (P-12)

INFERENCE: The measured values for the above parameters are within the standards.

-----END OF THE REPORT-----


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TEST REPORT



M/s. Grasim Industries Limited Birla Paints Division Plot No 147A, 147B & 147C Corner Badanaguppe Kellamballi Industrial Area Chamarajanagar Karnataka - 571313,	Report No. : RCA/2023/08501
	Report date : 04/10/2023
	Ref. : Test Request Form
	Ref. Date : 28/09/2023
	Job Order No : RCA/2023/08501
	Date : 29/09/2023
Date of Analysis : 29/09/2023 to 04/10/2023	
Sample Particulars: Ambient Air Monitoring on 28/09/2023 to 29/09/2023 for 24hrs.	
Sampling Location: RM Truck Parking Area.	

Discipline: Chemical		Group: Atmospheric Pollution		
Sl. No.	Test Parameters	Results	Limits (As Per NAAQS)	Protocol
1	Particulate Matter PM ₁₀ , µg/m ³	64.3	100	IS-5182 (P-23)
2	Particulate Matter PM _{2.5} , µg/m ³	25.0	60	IS-5182 (P-24)
3	Nitrogen Dioxide NO ₂ , µg/m ³	19.4	80	IS-5182 (P-06)
4	Sulphur dioxide as SO ₂ , µg/m ³	8.8	80	IS-5182 (P-02)
5	Nickel as Ni, ng/m ³	<10.0	20	NAAQM
6	Lead as Pb, µg/m ³	<0.1	1.0	IS-5182 (P-22)
7	Arsenic as As, ng/m ³	<2.0	6.0	E/WP/41
8	Carbon monoxide as CO, mg/m ³	<1.0	4.0	IS-5182 (P-10)
9	Ozone as O ₃ , µg/m ³	5.0	180	IS-5182 (P-09)
10	Ammonia as NH ₃ , µg/m ³	4.1	400	IS-5182 (P-25)
11	Benzene, µg/m ³	<2.5	5.0	IS-5182 (P-11)
12	Benzo(a) pyrene, ng/m ³	<1.0	1.0	IS-5182 (P-12)

INFERENCE: The measured values for the above parameters are within the standards.

-----END OF THE REPORT-----

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Rajesha S

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TEST REPORT



M/s. Grasim Industries Limited Birla Paints Division Plot No 147A, 147B & 147C Corner Badanaguppe Kellamballi Industrial Area Chamarajanagar Karnataka - 571313,	Report No. : RCA/2023/08500
	Report date : 04/10/2023
	Ref. : Test Request Form
	Ref. Date : 28/09/2023
	Job Order No : RCA/2023/08500
	Date : 29/09/2023
Date of Analysis : 29/09/2023 to 04/10/2023	

Sample Particulars: Ambient Air Monitoring on 28/09/2023 to 29/09/2023 for 24hrs.

Sampling Location: WBG (Back Side) Area.

Discipline: Chemical		Group: Atmospheric Pollution		
Sl.No.	Test Parameters	Results	Limits (As Per NAAQS)	Protocol
1	Particulate Matter PM ₁₀ , µg/m ³	63.8	100	IS-5182 (P-23)
2	Particulate Matter PM _{2.5} , µg/m ³	24.5	60	IS-5182 (P-24)
3	Nitrogen Dioxide NO ₂ , µg/m ³	18.5	80	IS-5182 (P-06)
4	Sulphur dioxide as SO ₂ , µg/m ³	8.4	80	IS-5182 (P-02)
5	Nickel as Ni, ng/m ³	<10.0	20	NAAQM
6	Lead as Pb, µg/m ³	<0.1	1.0	IS-5182 (P-22)
7	Arsenic as As, ng/m ³	<2.0	6.0	E/WP/41
8	Carbon monoxide as CO, mg/m ³	<1.0	4.0	IS-5182 (P-10)
9	Ozone as O ₃ , µg/m ³	4.6	180	IS-5182 (P-09)
10	Ammonia as NH ₃ , µg/m ³	3.5	400	IS-5182 (P-25)
11	Benzene, µg/m ³	<2.5	5.0	IS-5182 (P-11)
12	Benzo(a) pyrene, ng/m ³	<1.0	1.0	IS-5182 (P-12)

INFERENCE: The measured values for the above parameters are within the standards.

-----END OF THE REPORT-----

Verified by

Authorized by
Rajesh S

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Email : info@robustmaterials.com Website : www.robustmaterials.com



TEST REPORT

M/s. Grasim Industries Limited Birla Paints Division Plot No 147A, 147B & 147C Corner Badanaguppe Kellamballi Industrial Area Chamarajanagar Karnataka - 571313,	Report No. : RCA/2023/09579
	Report date : 02/11/2023
	Ref. : Test Request Form
	Ref. Date : 28/10/2023
	Job Order No : RCA/2023/09579
	Date : 29/10/2023
	Date of Analysis : 30/10/2023 to 02/11/2023
Sample Particulars: Ambient Air Monitoring on 28/10/2023 to 29/10/2023 for 24hrs. Sampling Location: ETF (Middle of the Site).	

Discipline: Chemical		Group: Atmospheric Pollution		
Sl. No.	Test Parameters	Results	Limits (As Per NAAQS)	Protocol
1	Particulate Matter PM ₁₀ , µg/m ³	64.6	100	IS-5182 (P-23)
2	Particulate Matter PM _{2.5} , µg/m ³	23.5	60	IS-5182 (P-24)
3	Nitrogen Dioxide NO ₂ , µg/m ³	18.8	80	IS-5182 (P-06)
4	Sulphur dioxide as SO ₂ , µg/m ³	8.5	80	IS-5182 (P-02)
5	Nickel as Ni, ng/m ³	<10.0	20	NAAQM
6	Lead as Pb, µg/m ³	<0.1	1.0	IS-5182 (P-22)
7	Arsenic as As, ng/m ³	<2.0	6.0	E/WP/41
8	Carbon monoxide as CO, mg/m ³	<1.0	4.0	IS-5182 (P-10)
9	Ozone as O ₃ , µg/m ³	5.0	180	IS-5182 (P-09)
10	Ammonia as NH ₃ , µg/m ³	4.2	400	IS-5182 (P-25)
11	Benzene, µg/m ³	<2.5	5.0	IS-5182 (P-11)
12	Benzo(a) pyrene, ng/m ³	<1.0	1.0	IS-5182 (P-12)

INFERENCE: The measured values for the above parameters are within the standards.

-----END OF THE REPORT-----

P. D. S.
Verified by

Rajesh S
Authorized by
Rajesh S

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TEST REPORT



M/s. Grasim Industries Limited Birla Paints Division Plot No 147A, 147B & 147C Corner Badanaguppe Kellamballi Industrial Area Chamaraajanagar Karnataka - 571313,	Report No. : RCA/2023/09578
	Report date : 02/11/2023
	Ref. : Test Request Form
	Ref. Date : 28/10/2023
	Job Order No : RCA/2023/09578
	Date : 29/10/2023
Date of Analysis : 30/10/2023 to 02/11/2023	
Sample Particulars: Ambient Air Monitoring on 28/10/2023 to 29/10/2023 for 24hrs. Sampling Location: RM Truck Parking Area.	

Discipline: Chemical		Group: Atmospheric Pollution		
Sl. No.	Test Parameters	Results	Limits (As Per NAAQS)	Protocol
1	Particulate Matter PM ₁₀ , µg/m ³	67.3	100	IS-5182 (P-23)
2	Particulate Matter PM _{2.5} , µg/m ³	28.0	60	IS-5182 (P-24)
3	Nitrogen Dioxide NO ₂ , µg/m ³	22.5	80	IS-5182 (P-06)
4	Sulphur dioxide as SO ₂ , µg/m ³	9.5	80	IS-5182 (P-02)
5	Nickel as Ni, ng/m ³	<10.0	20	NAAQM
6	Lead as Pb, µg/m ³	<0.1	1.0	IS-5182 (P-22)
7	Arsenic as As, ng/m ³	<2.0	6.0	E/WP/41
8	Carbon monoxide as CO, mg/m ³	<1.0	4.0	IS-5182 (P-10)
9	Ozone as O ₃ , µg/m ³	5.6	180	IS-5182 (P-09)
10	Ammonia as NH ₃ , µg/m ³	4.8	400	IS-5182 (P-25)
11	Benzene, µg/m ³	<2.5	5.0	IS-5182 (P-11)
12	Benzo(a) pyrene, ng/m ³	<1.0	1.0	IS-5182 (P-12)

INFERENCE: The measured values for the above parameters are within the standards.

-----END OF THE REPORT-----

[Signature]
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 Authorized by
Rajesh S

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TEST REPORT



M/s. Grasim Industries Limited Birla Paints Division Plot No 147A, 147B & 147C Corner Badanaguppe Kellamballi Industrial Area Chamarajanagar Karnataka - 571313,	Report No.	: RCA/2023/09577
	Report date	: 02/11/2023
	Ref.	: Test Request Form
	Ref. Date	: 28/10/2023
	Job Order No	: RCA/2023/09577
	Date	: 29/10/2023
Date of Analysis		: 30/10/2023 to 02/11/2023
Sample Particulars: Ambient Air Monitoring on 28/10/2023 to 29/10/2023 for 24hrs. Sampling Location: WBG (Back Side) Area.		

Discipline: Chemical		Group: Atmospheric Pollution		
Sl.No.	Test Parameters	Results	Limits (As Per NAAQS)	Protocol
1	Particulate Matter PM ₁₀ , µg/m ³	65.4	100	IS-5182 (P-23)
2	Particulate Matter PM _{2.5} , µg/m ³	26.5	60	IS-5182 (P-24)
3	Nitrogen Dioxide NO ₂ , µg/m ³	21.0	80	IS-5182 (P-06)
4	Sulphur dioxide as SO ₂ , µg/m ³	9.2	80	IS-5182 (P-02)
5	Nickel as Ni, ng/m ³	<10.0	20	NAAQM
6	Lead as Pb, µg/m ³	<0.1	1.0	IS-5182 (P-22)
7	Arsenic as As, ng/m ³	<2.0	6.0	E/WP/41
8	Carbon monoxide as CO, mg/m ³	<1.0	4.0	IS-5182 (P-10)
9	Ozone as O ₃ , µg/m ³	4.9	180	IS-5182 (P-09)
10	Ammonia as NH ₃ , µg/m ³	4.0	400	IS-5182 (P-25)
11	Benzene, µg/m ³	<2.5	5.0	IS-5182 (P-11)
12	Benzo(a) pyrene, ng/m ³	<1.0	1.0	IS-5182 (P-12)

INFERENCE: The measured values for the above parameters are within the standards.

-----END OF THE REPORT-----

[Signature]
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[Signature]
 Authorized by
Rajsha S

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TEST REPORT



M/s. Grasim Industries Limited Birla Paints Division Plot No 147A, 147B & 147C Corner Badanaguppe Kellamballi Industrial Area Chamaraajanagar Karnataka - 571313,	Report No. : RCA/2023/07354
	Report date : 01/09/2023
	Ref. : Test Request Form
	Ref. Date : 28/08/2023
	Job Order No : RCA/2023/07354
	Date : 29/08/2023
Date of Analysis : 29/08/2023	
Sample Particulars: Noise Monitoring on 28/08/2023 to 29/08/2023 for 24 hrs.	

Discipline: Chemical		Group: Atmospheric Pollution		
J.O.No.	Location	Time frequency	L _{eq} dB(A)	Limits
RCA/2023/07354	South Side Boundary Area	06:01 am to 10:00 pm	68.6	Day time 75 dB(A) & Night time 70 dB(A)
		10:01 pm to 06:00 am	57.4	

Note: Noise Level Stipulated by CPCB for Residential area is 55 dB (A) (During day time) and 45 dB(A) (During night time), For Commercial area 65 dB (A) (During day time) and 55 dB(A) (During night time), For Industrial area 75 dB (A) (During day time) and 70 dB(A) (During night time)

INFERENCE: The measured values for the above tested parameters are within the Industrial Area Standards as per CPCB.

-----END OF THE REPORT-----

Verified by

Authorized Signatory
Rajesh S

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No. 94, 2nd Floor, Thirumala Complex, Nagarabhavi Main Road, NGEF Layout,
Nagarabhavi, Bengaluru - 560 072. Tel : 080 2318 6230
Email : info@robustmaterials.com Website : www.robustmaterials.com

TEST REPORT



M/s. Grasim Industries Limited Birla Paints Division Plot No 147A, 147B & 147C Corner Badanaguppe Kellamballi Industrial Area ChamaraJanagar Karnataka - 571313,	Report No. : RCA/2023/07353
	Report date : 01/09/2023
	Ref. : Test Request Form
	Ref. Date : 28/08/2023
	Job Order No : RCA/2023/07353
	Date : 29/08/2023
	Date of Analysis : 29/08/2023

Sample Particulars: Noise Monitoring on 28/08/2023 to 29/08/2023 for 24 hrs.

Discipline: Chemical		Group: Atmospheric Pollution		
J.O.No.	Location	Time frequency	LeqdB(A)	Limits
RCA/2023/07353	North Side Boundary Area	06:01 am to 10:00 pm	69.3	Day time 75 dB(A) & Night time 70 dB(A)
		10:01 pm to 06:00 am	61.8	

Note: Noise Level Stipulated by CPCB for Residential area is 55 dB (A) (During day time) and 45 dB(A) (During night time), For Commercial area 65 dB (A) (During day time) and 55 dB(A) (During night time), For Industrial area 75 dB (A) (During day time) and 70 dB(A) (During night time)

INFERENCE: The measured values for the above tested parameters are within the Industrial Area Standards as per CPCB.

-----END OF THE REPORT-----

[Signature]
Verified by

[Signature]
Authorized Signatory
Rajesh S

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TEST REPORT



TC-6165

M/s. Grasim Industries Limited Birla Paints Division

Plot No 147A, 147B & 147C Corner
Badanaguppe Kellamballi Industrial Area
Chamarajanagar Karnataka - 571313,

Report No.	: RCA/2023/07352
Report date	: 01/09/2023
Ref.	: Test Request Form
Ref. Date	: 28/08/2023
Job Order No	: RCA/2023/07352
Date	: 29/08/2023
Date of Analysis	: 29/08/2023


Sample Particulars: Noise Monitoring on 28/08/2023 to 29/08/2023 for 24 hrs.

Discipline: Chemical		Group: Atmospheric Pollution		
J.O.No.	Location	Time frequency	L _{eq} dB(A)	Limits
RCA/2023/07352	West Side Boundary Area	06:01 am to 10:00 pm	67.8	Day time 75 dB(A) & Night time 70 dB(A)
		10:01 pm to 06:00 am	59.5	

Note: Noise Level Stipulated by CPCB for Residential area is 55 dB (A) (During day time) and 45 dB(A) (During night time), For Commercial area 65 dB (A) (During day time) and 55 dB(A) (During night time), For Industrial area 75 dB (A) (During day time) and 70 dB(A) (During night time)

INFERENCE: The measured values for the above tested parameters are within the Industrial Area Standards as per CPCB.

-----END OF THE REPORT-----


Verified by


Authorized Signatory
Rajesha S

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TEST REPORT



TC-6165

M/s. Grasim Industries Limited Birla Paints Division

Plot No 147A, 147B & 147C Corner
Badanaguppe Kellamballi Industrial Area
Chamarajanagar Karnataka - 571313,

Report No. : RCA/2023/07351
Report date : 01/09/2023
Ref. : Test Request Form
Ref. Date : 28/08/2023
Job Order No : RCA/2023/07351
Date : 29/08/2023
Date of Analysis : 29/08/2023

Sample Particulars: Noise Monitoring on 28/08/2023 to 29/08/2023 for 24 hrs.

Discipline: Chemical		Group: Atmospheric Pollution		
J.O.No.	Location	Time frequency	L _{eq} dB(A)	Limits
RCA/2023/07351	East Side Boundary Area	06:01 am to 10:00 pm	64.8	Day time 75 dB(A) & Night time 70 dB(A)
		10:01 pm to 06:00 am	56.5	

Note: Noise Level Stipulated by CPCB for Residential area is 55 dB (A) (During day time) and 45 dB(A) (During night time), For Commercial area 65 dB (A) (During day time) and 55 dB(A) (During night time), For Industrial area 75 dB (A) (During day time) and 70 dB(A) (During night time)

INFERENCE: The measured values for the above tested parameters are within the Industrial Area Standards as per CPCB.

-----END OF THE REPORT-----

Verified by

Authorized Signatory
Rajesh S

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TEST REPORT

M/s. Grasim Industries Limited Birla Paints Division Plot No 147A, 147B & 147C Corner Badanaguppe Kellamballi Industrial Area Chamarajanagar Karnataka - 571313,	Report No. : RCA/2023/08506
	Report date : 04/10/2023
	Ref. : Test Request Form
	Ref. Date : 28/09/2023
	Job Order No : RCA/2023/08506
	Date : 29/09/2023
	Date of Analysis : 29/09/2023

Sample Particulars: Noise Monitoring on 28/09/2023 to 29/09/2023 for 24 hrs.

Discipline: Chemical		Group: Atmospheric Pollution		
J.O.No.	Location	Time frequency	Leq dB(A)	Limits
RCA/2023/08506	South Side Boundary Area	06:01 am to 10:00 pm	66.4	Day time 75 dB(A) & Night time 70 dB(A)
		10:01 pm to 06:00 am	54.3	

Note: Noise Level Stipulated by CPCB for Residential area is 55 dB (A) (During day time) and 45 dB(A) (During night time), For Commercial area 65 dB (A) (During day time) and 55 dB(A) (During night time), For Industrial area 75 dB (A) (During day time) and 70 dB(A) (During night time)

INFERENCE: The measured values for the above tested parameters are within the Industrial Area Standards as per CPCB.

-----END OF THE REPORT-----

Verified by

Authorized Signatory
Rajesha S

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TEST REPORT



M/s. Grasim Industries Limited Birla Paints Division Plot No 147A, 147B & 147C Corner Badanaguppe Kellamballi Industrial Area Chamarajanagar Karnataka - 571313,	Report No.	: RCA/2023/08505
	Report date	: 04/10/2023
	Ref.	: Test Request Form
	Ref. Date	: 28/09/2023
	Job Order No	: RCA/2023/08505
	Date	: 29/09/2023
Date of Analysis		: 29/09/2023
Sample Particulars: Noise Monitoring on 28/09/2023 to 29/09/2023 for 24 hrs.		

Discipline: Chemical		Group: Atmospheric Pollution		
J.O.No.	Location	Time frequency	L _{eq} dB(A)	Limits
RCA/2023/08505	North Side Boundary Area	06:01 am to 10:00 pm	67.5	Day time 75 dB(A) & Night time 70 dB(A)
		10:01 pm to 06:00 am	59.3	

Note: Noise Level Stipulated by CPCB for Residential area is 55 dB (A) (During day time) and 45 dB(A) (During night time), For Commercial area 65 dB (A) (During day time) and 55 dB(A) (During night time), For Industrial area 75 dB (A) (During day time) and 70 dB(A) (During night time)

INFERENCE: The measured values for the above tested parameters are within the Industrial Area Standards as per CPCB.

-----END OF THE REPORT-----

Verified by

Authorized Signatory
Rajesh S

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TEST REPORT

M/s. Grasim Industries Limited Birla Paints Division Plot No 147A, 147B & 147C Corner Badanaguppe Kellamballi Industrial Area Chamarajanagar Karnataka - 571313,	Report No. : RCA/2023/08504
	Report date : 04/10/2023
	Ref. : Test Request Form
	Ref. Date : 28/09/2023
	Job Order No : RCA/2023/08504
	Date : 29/09/2023
Date of Analysis : 29/09/2023	
Sample Particulars: Noise Monitoring on 28/09/2023 to 29/09/2023 for 24 hrs.	

Discipline: Chemical		Group: Atmospheric Pollution		
J.O.No.	Location	Time frequency	L _{eq} dB(A)	Limits
RCA/2023/08504	West Side Boundary Area	06:01 am to 10:00 pm	68.5	Day time 75 dB(A) & Night time 70 dB(A)
		10:01 pm to 06:00 am	60.3	

Note: Noise Level Stipulated by CPCB for Residential area is 55 dB (A) (During day time) and 45 dB(A) (During night time), For Commercial area 65 dB (A) (During day time) and 55 dB(A) (During night time), For Industrial area 75 dB (A) (During day time) and 70 dB(A) (During night time)

INFERENCE: The measured values for the above tested parameters are within the Industrial Area Standards as per CPCB.

-----END OF THE REPORT-----

P. Dargis
Verified by

Rajesh S
Authorized Signatory
Rajesh S

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Email : info@robustmaterials.com Website : www.robustmaterials.com



TEST REPORT

M/s. Grasim Industries Limited Birla Paints Division Plot No 147A, 147B & 147C Corner Badanaguppe Kellamballi Industrial Area Chamarajanagar Karnataka - 571313,	Report No. : RCA/2023/08503
	Report date : 04/10/2023
	Ref. : Test Request Form
	Ref. Date : 28/09/2023
	Job Order No : RCA/2023/08503
	Date : 29/09/2023
Date of Analysis : 29/09/2023	

Sample Particulars: Noise Monitoring on 28/09/2023 to 29/09/2023 for 24 hrs.

Discipline: Chemical		Group: Atmospheric Pollution		
J.O.No.	Location	Time frequency	LeqdB(A)	Limits
RCA/2023/08503	East Side Boundary Area	06:01 am to 10:00 pm	63.6	Day time 75 dB(A) & Night time 70 dB(A)
		10:01 pm to 06:00 am	55.4	

Note: Noise Level Stipulated by CPCB for Residential area is 55 dB (A) (During day time) and 45 dB(A) (During night time), For Commercial area 65 dB (A) (During day time) and 55 dB(A) (During night time), For Industrial area 75 dB (A) (During day time) and 70 dB(A) (During night time)

INFERENCE: The measured values for the above tested parameters are within the Industrial Area Standards as per CPCB.

-----END OF THE REPORT-----

Verified by

Authorized Signatory
Rajesha S

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TEST REPORT



M/s. Grasim Industries Limited Birla Paints Division Plot No 147A, 147B & 147C Corner Badanaguppe Kellamballi Industrial Area Chamarajanagar Karnataka - 571313,	Report No. : RCA/2023/09583
	Report date : 02/11/2023
	Ref. : Test Request Form
	Ref. Date : 28/10/2023
	Job Order No : RCA/2023/09583
	Date : 29/10/2023
	Date of Analysis : 29/10/2023

Sample Particulars: Noise Monitoring on 28/10/2023 to 29/10/2023 for 24 hrs.

Discipline: Chemical

Group: Atmospheric Pollution

J.O.No.	Location	Time frequency	LeqdB(A)	Limits
RCA/2023/09583	South Side Boundary Area	06:01 am to 10:00 pm	63.8	Day time 75 dB(A) & Night time 70 dB(A)
		10:01 pm to 06:00 am	51.5	

Note: Noise Level Stipulated by CPCB for Residential area is 55 dB (A) (During day time) and 45 dB(A) (During night time), For Commercial area 65 dB (A) (During day time) and 55 dB(A) (During night time), For Industrial area 75 dB (A) (During day time) and 70 dB(A) (During night time)

INFERENCE: The measured values for the above tested parameters are within the Industrial Area Standards as per CPCB.

-----END OF THE REPORT-----


Verified by


Authorized Signatory
Rajesha S

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Email : info@robustmaterials.com Website : www.robustmaterials.com

TEST REPORT



M/s. Grasim Industries Limited Birla Paints Division

Plot No 147A, 147B & 147C Corner
Badanaguppe Kellamballi Industrial Area
Chamarajanagar Karnataka - 571313,

Report No. : RCA/2023/09582

Report date : 02/11/2023

Ref. : Test Request Form

Ref. Date : 28/10/2023

Job Order No : RCA/2023/09582

Date : 29/10/2023

Date of Analysis : 29/10/2023

Sample Particulars: Noise Monitoring on 28/10/2023 to 29/10/2023 for 24 hrs.

Discipline: Chemical

Group: Atmospheric Pollution

J.O.No.	Location	Time frequency	$L_{eq}dB(A)$	Limits
RCA/2023/09582	North Side Boundary Area	06:01 am to 10:00 pm	65.4	Day time 75 dB(A) & Night time 70 dB(A)
		10:01 pm to 06:00 am	56.9	

Note: Noise Level Stipulated by CPCB for Residential area is 55 dB (A) (During day time) and 45 dB(A) (During night time), For Commercial area 65 dB (A) (During day time) and 55 dB(A) (During night time), For Industrial area 75 dB (A) (During day time) and 70 dB(A) (During night time)

INFERENCE: The measured values for the above tested parameters are within the Industrial Area Standards as per CPCB.

-----END OF THE REPORT-----

Verified by

Authorized Signatory
Rajesha S

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Email : info@robustmaterials.com Website : www.robustmaterials.com

TEST REPORT



M/s. Grasim Industries Limited Birla Paints Division Plot No 147A, 147B & 147C Corner Badanaguppe Kellamballi Industrial Area Chamarajanagar Karnataka - 571313,	Report No. : RCA/2023/09581
	Report date : 02/11/2023
	Ref. : Test Request Form
	Ref. Date : 28/10/2023
	Job Order No : RCA/2023/09581
	Date : 29/10/2023
Date of Analysis : 29/10/2023	
Sample Particulars: Noise Monitoring on 28/10/2023 to 29/10/2023 for 24 hrs.	

Discipline: Chemical		Group: Atmospheric Pollution		
J.O.No.	Location	Time frequency	L _{eq} dB(A)	Limits
RCA/2023/09581	West Side Boundary Area	06:01 am to 10:00 pm	67.5	Day time 75 dB(A) & Night time 70 dB(A)
		10:01 pm to 06:00 am	58.3	

Note: Noise Level Stipulated by CPCB for Residential area is 55 dB (A) (During day time) and 45 dB(A) (During night time), For Commercial area 65 dB (A) (During day time) and 55 dB(A) (During night time), For Industrial area 75 dB (A) (During day time) and 70 dB(A) (During night time)

INFERENCE: The measured values for the above tested parameters are within the Industrial Area Standards as per CPCB.

-----END OF THE REPORT-----

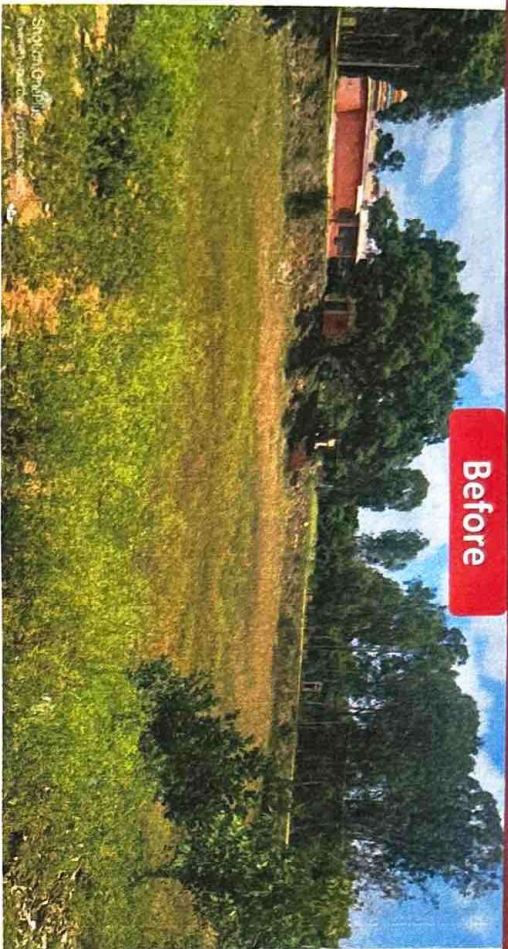
Verified by

Authorized Signatory
Rajesh S

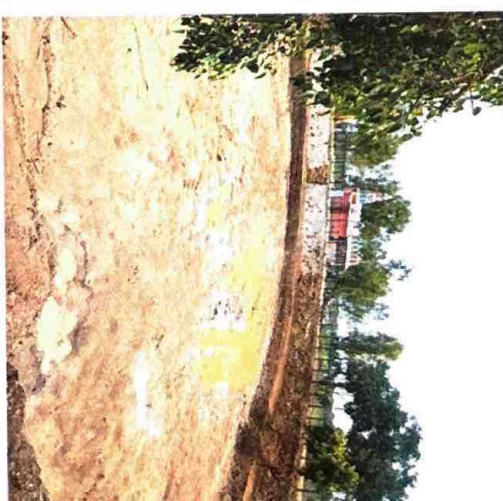
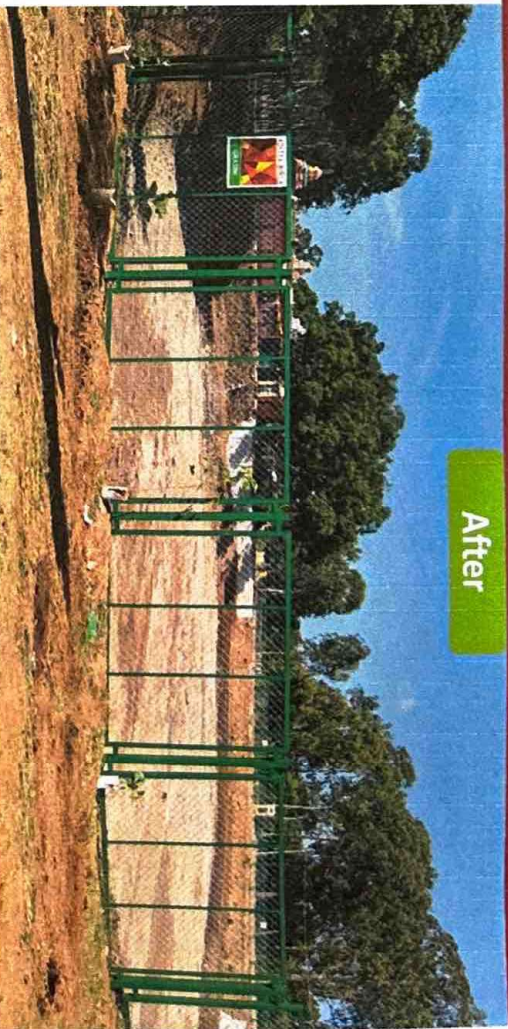
Note: 1.The results listed refer only to the tested samples and applicable parameters. 2. Test certificate should not be reproduced except in full, without written approval of the laboratory. 3. The submitted samples are drawn by the laboratory unless otherwise specified. 4. Endorsement of product is neither inferred nor implied. 5. Samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified. 6. This report cannot be used as evidence in the court of law & should not be used in any advertising media without our permission in writing. 7. Total liability of our lab is limited to the invoice amount and any disputes arising out of this report are subject to Bangalore jurisdiction only. 8. Laboratory is not responsible for the authenticity of photocopied test reports.

Glimpses of CER activity- Pond rejuvenation

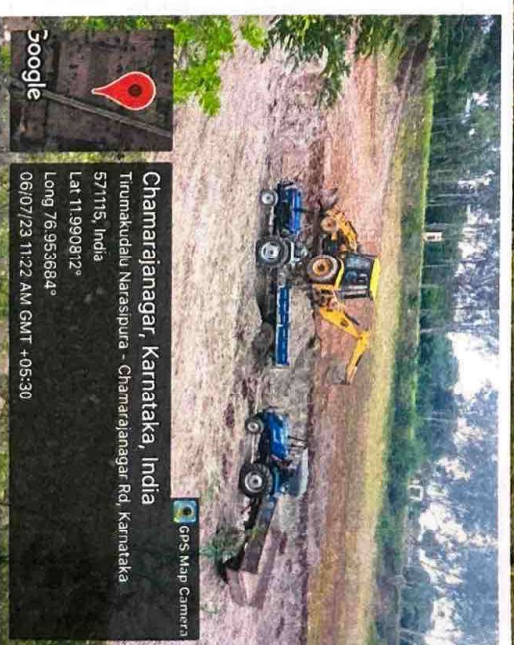
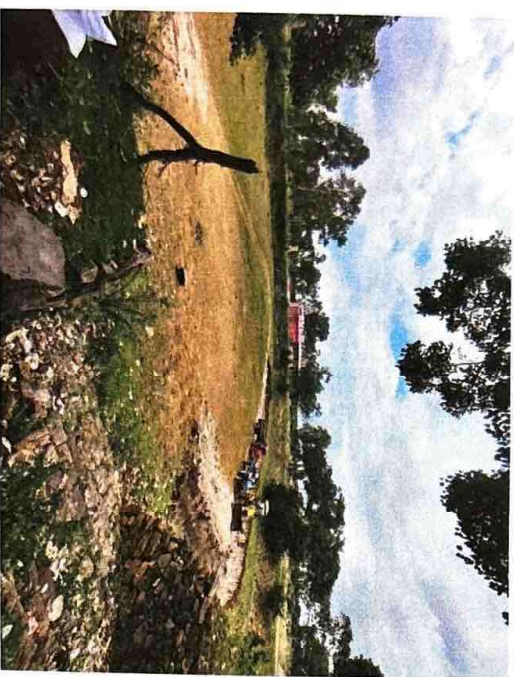
Before



After



Glimpses of CER activity- Pond rejuvenation



Google

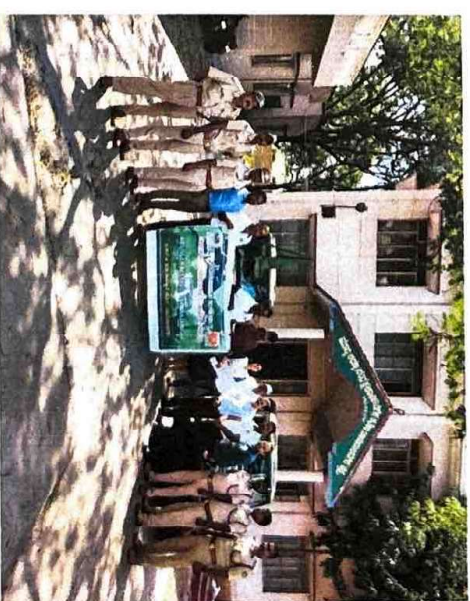
gps Map Camera

Chamarajanagar, Karnataka, India
Tirumakudalu Narasipura - Chamarajanagar Rd, Karnataka
571115, India
Lat 11.990812°
Long 76.953664°
06/07/23 11:22 AM GMT +05:30

CER Commitment

1. Forest Department- Fauna conservation plan in ummathur conservation Reserve- **Two Bolero vehicles given to forest department**

Scope: Providing Two Mahindra Bolero vehicles to BRT forest department for fauna conservation





ADITYA BIRLA GROUP

ENVIRONMENTAL POLICY

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

Every Aditya Birla Group Company shall endeavour to:

- Maintain positive legal compliance to environmental regulations and conform to the requirements of Aditya Birla Group Sustainability Framework;
- Progressively develop, implement and maintain an internationally accepted environmental management system in our operations and new projects;
- Take initiatives towards efficient use of natural resources and energy; reduction and prevention of pollution; and promoting waste avoidance and recycling measures in line with internationally disseminated technologies and practices;
- Enhance environmental awareness through participation and consultation with employees and contractors by training and effective channels of communication;
- Engage with internal and external stakeholders and wider communities to broaden our understanding of environmental priorities, their links to global issues and initiate actions on key environmental challenges;
- Influence our contractors and suppliers to adopt the Aditya Birla Group environmental policies, principles and practices and encourage appropriate environmental management across the supply and value chain;
- Continually improve environmental performance of current and future products, services and infrastructure of the Aditya Birla Group's Companies; and
- Monitor, measure, report the progress, performance of environmental conservation and management initiatives in compliance with internationally recognized protocols and communicate approach and achievements to relevant stakeholders.

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

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

Rajiv Dube

Director – Group Corporate Services

Date: 18th August 2016

ABG/SUST/POL/01

Version: V-3

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

Annexure -6 Environmental Management Plan

Sl. No	Objective	Activity	Responsibility	Target date	Remarks
1	Air Pollution control	Installation of stacks of Boilers, DG Sets, TFHs & installation of APCMs (Dust collector, scrubber, Fume extraction system etc. to prevent Air pollution	EHS	30.11.2023	Completed
2	Water pollution control	Installation of ETP, RO, MEE (ZLD system) for Industrial effluent and STP for domestic wastewater- to achieve water positive	EHS	25.11.2023	Zero Liquid Discharge system
3	Noise pollution Control	Provision of acoustic enclosures/barriers to DG sets, Pumps, Motors, etc. To prevent Noise Pollution	EHS	25.02.2024	
4	Green belt development	1. Plantation of trees/shrubs, development of greenbelt inside the plant for Ecosystem 2. Community tree plantation in Villages (Mariyala & Kasturu, etc.)	EHS	30.12.2024	
5	Storm water drainage	Construction of storm water management system, to collect the storm water & to recharge the ground water table	EHS	30.03.2024	Improve Ground water table
6	Rainwater harvesting	Construction for Rain water harvesting system inside the plant- To reduce the fresh water consumption & to achieve water positive	EHS	30.03.2024	To reduce fresh water consumption
7	Energy Efficient Lighting Fixtures	Installation of energy efficient lights, to reduce power consumption	EHS	30.03.2024	Power consumption Optimization – Natural resource optimization

ics and biology. All members of Mathematics by subject experts will be part of the camp. Besides a one-day trip, the students will be involved in making microscope (microscope), slides, bird watching and herbarium. The students will prepare a laboratory kit in the camp for future experiments and...
 Besides students, interested teachers can also attend the camp, the press release stated.

For details, call 81055 03861

MANEYA DINESH

Ridiculing former chief minister and JD(S) leader H D Kumaraswamy's recent statement of making a dalit as chief minister of Karnataka, Higher Education Minister Dr C N Ashwath Narayan said, "He will not become anybody else as chief minister."

He was speaking to reporters during his visit to Maneya on Friday.

"Kumaraswamy has been cheating the people by shed



C N Ashwath Narayan

ding seats and playing games. The Janata Bahadhar programme is a new drama. He is not only destroying himself, but also others who trust him. Many leaders have trusted him,

but Kumaraswamy led them all," Narayan said. "Kumar does not know any party politics. As long as with the JD(S) will BJP will never vote the JD(S). People led them. They will not come close, but only the BJP will support in 2028 and MP A B wishes to join the BJP a good leader and will come later."
 Congress is the root of corruption and they are totally corrupt leader K S Eduravapudra is not a victim Congress. The real when a Congress is created, he said.

GRASIM INDUSTRIES LIMITED.,

Integrated Paint Manufacturing Unit in Plot No. 147-A, 147-B & 147-C, Badanaguppe-Kellamballi KIADB Industrial Area, Village Kasaba Hobli, Taluk & District ChamaraJanagara, State Karnataka

NOTICE OF THE ENVIRONMENTAL CLEARANCE BY SEIAA, KARNATAKA FOR INTEGRATED PAINT MANUFACTURING UNIT IN PLOT NO.147-A, 147-B & 147-C, BADANAGUPPE-KELLAMBALLI KIADB INDUSTRIAL AREA, VILLAGE KASABA HOBBI, TALUKA & DISTRICT CHAMARAJANAGARA, STATE KARNATAKA.

Notice is hereby given to all concerned & public at large that the Integrated Paint Manufacturing Unit in Plot No. 147-A, 147-B & 147-C, Badanaguppe-Kellamballi KIADB Industrial Area, Village Kasaba Hobli, Taluka & District ChamaraJanagara, Karnataka been accorded Environment Clearance from State Level Environment Impact Assessment Authority, Karnataka vide its letter of clearance no EC 22B023KA154511 dated 11th April 2022. The copy of the said clearance letter is available at the corporate office of the Organisation & at the office of State Level Environment Impact Assessment Authority (SEIAA), Karnataka and may also be seen at website of the MoEF & CC i.e. <http://environmentclearance.nic.in>

AXIS BANK Public Notice
 For E-Auction of pledged assets being Gold Ornaments

The Borrowers, in specific and the public in general are hereby notified that public auction of the gold ornaments pledged in the below accounts is proposed to be conducted by the Axis Bank at the below mentioned Branch. The below mentioned Borrowers has availed the credit facility from the Axis Bank Limited against the pledge of gold ornaments ("Gold Loan Facility") in favour of the Bank towards the security. The Demand notices were issued to the Borrowers/Guarantors to pay their outstanding amount towards the Gold loan facility availed to the Borrowers/Guarantors calling up the Borrowers/Guarantors to pay their outstanding amount towards the Gold loan facility availed. As the Borrowers/Guarantors have failed to repay the outstanding loan amount, the bank is constrained to invoke the pledge and proposed to conduct an e-auction sale of pledged gold ornaments more particularly described in schedule of property hereunder on 26.04.2022 at 12:30PM to 3:30PM on "As In Where is", "As is What is", "Whatever There is" and "No Recourse Basis".

Details of Borrowers and outstanding amount

Branch Name	Loan A/c No	Customer Name	Amount Outstanding	Date of Demand Notice	Gross Weight	Net Weight
Banarayan	60000000007085	Mukundar	72682	24-Jan-22	19.9	18.9
Channarayana	60000000003771	Shruthi M	619438	26-Jan-22	191.8	168.0
Channarayana	60000000003228	Shruthi M	162435	29-Jan-22	50.6	45.0
Channarayana	60000000000125	Javara Betty B	116582	26-Jan-22	37.2	31
Channarayana	60000000000863	Manisha	190719	26-Jan-22	67.2	58.4
Channarayana	60000000000840	Javara Betty B	64426	26-Jan-22	22.9	17
Channarayana	600000000001419	S A Neelash	226118	26-Jan-22	65.8	60.2
Channarayana	600000000003911	M N Krishna Gowda	99165	26-Jan-22	29.9	29.0
Channarayana	600000000003491	Mohan Y J	1195280	29-Jan-22	376.1	336.7
Channarayana	600000000004067	Palappa B	139705	29-Jan-22	41.7	37.6
Channarayana	600000000002716	Kavya Veera Gopal Reddy	136283	29-Jan-22	44.2	40.4
Channarayana	600000000001173	Chandragada Pudi	62122	29-Jan-22	16.8	15.8
Channarayana	600000000000007	Ahlu Abbas	708407	29-Jan-22	187.6	165.47
Channarayana	600000000000000	Ahlesh K	21443	29-Jan-22	74.5	67.2
Channarayana	600000000000004	My Hovarth Kumar	63614	29-Jan-22	38.1	36.1
Channarayana	600000000000004	P Anantha	91633	29-Jan-22	38.8	32.0
Channarayana	600000000000007	Rajarama	26106	28-Feb-22	19.4	18.2
Channarayana	600000000000002	Zareza Khanum	47765	24-Jan-22	14.8	14.7
Channarayana	600000000000007	B Hussain Bashe	28765.78	3-Jan-22	30.3	28.5
Channarayana	600000000000009	G Sagar	349945	29-Jan-22	113.5	103.0
Channarayana	600000000000000	Misar Vallabha	120209	26-Jan-22	36.0	33.4

DH Classified

PERSONAL

Announcement

ANNOUNCEMENT

I MAHADEVA, Sr. Ld. Bangalore, residing at 45/75, Basavangudi 2nd Block, Mysuru - 570002 do hereby state with full authority that I have issued a notice dated 13-04-2022 that I have changed my name to MAHADEVA as in my Aadhar Card. But in my passport it is written mentioned as MAHADEVA. My name is MAHADEVA and MAHADEVA is the same as in my Aadhar Card.

Change of Name

CHANGE OF NAME

I SAVITHA KAMLE JAIN, wife Kamlesh JAIN, residing at No. 10/10, Shreevastu 1st Floor, Lakshminagar, ChamaraJanagara, Mysuru 570014, do hereby state that I have changed my name from SAVITHA KAMLE JAIN to SAVITHA JAIN with affidavit sworn before Notary L.N. Ramesh Mysuru dated 13-04-2022.

CHANGE OF NAME

I KAMLESH JAIN MARACHAND SUNDAR, residing at No. 10/10, Shreevastu 1st Floor, Lakshminagar, ChamaraJanagara, Mysuru 570014, do hereby state that I have changed my name from KAMLESH JAIN MARACHAND

**Consent For Establishment (CFEs)**

Consent No. CTE-331600 Valid upto: 10/04/2032

Karnataka State Pollution Control Board
 Parisara Bhavana, No.49, Church Street, Bengaluru-560001
 Tele : 080-25589112/3, 25581383
 Fax: 080-25586321
 email id: ho@kspcb.gov.in

Industry Colour: RED Industry Scale: LARGE

(This document contains 8 pages including annexure & excluding additional conditions)

Consent Order No. CTE-331600 **PCB ID:** 107372 **Date:** 04/06/2022

To,
 The Applicant
 Grasim Industries Ltd
 Village Kasaba Hobli,
 Chamarajanagar, Karnataka

Sir,

Sub: Consent to Establish under the Water (Prevention & Control of Pollution) Act, 1974 & the Air (Prevention & Control of Pollution) Act, 1981-reg.,

Ref: 1. CFE application submitted by the industry/organization on 19/04/2022 at Regional Office

2. Inspection of the project site by Regional Officer Chamrajana on 20/04/2022
 gar

3. Proceedings of the ECM dated 18/05/2022, held on 06/05/2022

With reference to the above, Karnataka State Pollution Control Board hereby accords **Consent for Establishment** for new Activity under the Water (Prevention & Control of Pollution) Act, 1974 & the Air (Prevention & Control of Pollution) Act, 1981 at the location indicated below subject to the following terms & conditions.

Location:

Name of the Applicant: Grasim Industries Ltd
 Address: Plot no: 147-A, 147-B & 147-C, Badanguppe – Kellamballi Industrial area of KIADB
 Industrial Area: CHAMRAJNAGAR INDL ESTATE, Chamarajanagar/Kellamballi,
 Taluk: Chamarajanagar, District: Chamarajanagar

Conditions:

1. This consent for establishment is valid up to 10/04/2032 from the date of issue.
2. The applicant shall not undertake expansion/diversification without the prior consent of the Board.
3. The applicant shall obtain necessary license/clearance from other relevant statutory agencies as required under the law.
4. This consent is granted considering the following activities:

Sr	Product Name	Applied Qty	Unit
1	Paint	50000.0000	Kilo Litres/month
2	Resin and Water Based Polymers	20833.3000	Kilo Litres/month
3	solvent -recovery	360.0000	Kilo Litres/month
4	Thinners	2083.3000	Kilo Litres/month

I. WATER CONSUMPTION:

1. The source of water shall be from KIADB and total water consumption shall be as below.

Particulars	Water consumption(KLD)
Boiler Feed	24.0
Cooling Water	127.0
Domestic Purpose	27.0
Manufacturing Processes	702.0
Others	145.0
Others	0.0
Others	2.0
Others	110.0
Others	2.0

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II. WATER POLLUTION CONTROL:

1. The discharge from the premises of the applicant shall pass through the terminal manhole/manholes where from the Board shall be free to collect samples in accordance with the provisions of the Act or Rules made there under.
2. The applicant shall treat the domestic wastewater from the factory in septic tank with soak pit. No overflow from the soak pit is allowed. The septic tank and soak pit shall be designed as per IS 2470 Part - I and Part- II
3. The applicant shall treat the domestic wastewater in the Sewage Treatment Plant (STP) as per the proposal submitted. It shall meet the standards specified in Annexure-I & shall be used on land for gardening/greenbelt within the factory premises.
4. The quantity of domestic waste water and trade effluent generated from the proposed industry shall not exceed the permitted quantity as indicated below

Discharge of effluents under the Water Act:

Sl. No.	Description	Permitted Quantity of discharge in KLD	Mode/Place of disposal
4	Boiler Feed	2.000	Boiler feeding : WC :24.0 Kld, WWG : 2.0 kld. Treated in ETP plant - 100 kld capacity. Treated water is reused for cooling tower
5	Cooling Water	18.000	Cooling Tower purposes : WC :127.0 Kld, WWG : 18.0 kld. Treated in ETP plant - 100 kld capacity. Treated water is reused for cooling tower
8	Domestic Purpose	26.000	Domestic purposes : WC: 27 kld, WWG : 26 kld . Discharge to STP- 30 KLD Capacity for further treatment . Treated water is used on land for gardening purposes within the premises.
9	Manufacturing Processes	6.000	Process : WC : 702 Kld, WWG : 6.0 kld. Treated in ETP plant - 100 kld capacity. Treated water is reused for cooling tower.
1	Others	40.000	RO reject generate from water treatment plant taken to ETP for further treatment.
2	Others	0.000	Green Belt Area
3	Others	2.000	Scrubber : WC :2.0 Kld, WWG : 2.0 kld. Treated in ETP plant - 100 kld capacity. Treated water is reused for cooling tower
6	Others	2.000	Floor washing purposes : WC :2.0 Kld, WWG : 2.0 kld. Treated in ETP plant - 100 kld capacity. Treated water is reused for cooling tower
7	Others	20.000	Wash water during equipment cleaning : WC :110 Kld, WWG : 20.0 kld. Out of 110 KLD wash water effluent 90 KLD is reused back to process without any treatment. 20 KLD effluent is taken to ETP for further treatment. Treated water is reused for cooling tower.
			In total Water consumption (110 kld), 90kld is reused in process.

5. The applicant shall treat the trade effluent in proposed ETP which consists of the following;

STP & ETP details



Consent For Establishment (CFEs)

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SINo	ETP/STP NO	ETP Code	Category Name	Capacity (Meter Cubic)	Units	Remarks
1	STP1	BS-	Bar Screen	0.30	1	
2	STP1	CDT	P-Chemical Dousing Tank	0.10	1	hypochlorite dosing tank : 0.5 dia x 0.6 = 0.1 m3
3	ETP1	CLA	P-Clarifier	29.00	1	clarifier 2 (3.5 dia x 3.0 = 29 m3)
4	ETP1	CLA	P-Clarifier	29.00	1	clarifier 1 = 3.5 dia x 3.0 = 29.0 m3
5	ETP1	CLA	P-Clarifier	29.00	1	dia 3.5 H 3 mts
6	ETP1	COL	P-Collection Tank	20.00	1	Intermediate collection Tank 3x2.2x3
7	STP1	COL	P-Collection Tank	22.50	1	Equalization tank 3x3x2.5
8	STP1	COL	P-Collection Tank	0.00	1	Biological nitrogen removal unit
9	ETP1	COL	P-Collection Tank	110.00	2	final collection tank : 3.5 x 3.5 x 4.5 = 55(2 No's)
10	STP1	COL	P-Collection Tank	25.20	1	
11	STP1	COL	P-Collection Tank	30.00	1	intermediate collection tank
12	ETP1	EQU	P-Equalization Tank	153.60	3	
13	ETP1	EQU	P-Equalization Tank	51.20	3	4 x 4 x 3.4 = 51 m3
14	ETP1	FLM	P-Flash Mixer	1.20	1	1 x 1 x 1.2 = 1.2 m3
15	ETP1	FLO	P-Floculator	2.00	1	1.2 x 1.2 x 1.4 = 2.0 m3
16	ETP1	HOL	P-HOLDING TANK	20.00	1	3x2.2x3
17	STP1	OGT	P-Oil-Grease Trap	3.00	1	
18	ETP1	PRI	Primary	13.00	1	DAF Tank : 2.5 x 2 x 2.5 = 13.0 m3
19	ETP1	PRI	Primary	29.00	1	Primary Clarifier(3.5 Dia x 3.0)=29 m3
20	STP1	AER	S-AERATION TANK	18.00	1	
21	ETP1	AER	S-AERATION TANK	506.00	1	Aeration tank 1st Stage = 15 x 7.5 x 4.5 = 506 m3
22	ETP1	AER	S-AERATION TANK	272.00	1	Aeration tank 2nd stage = 11 x 5.5 x 4.5 = 272 m3
23	STP1	CLS	S-Sec Clarifier	12.50	1	DAF Tank 1 2.5, x 2 x 2.5
24	ETP1	SDB	S-Sludge Dry Beds	5.00	1	1.6x1.5x2
25	STP1	SDB	S-Sludge Dry Beds	0.00	1	
26	STP1	SHT	S-SLUDGE HOLDING TANK	10.00	1	
27	ETP1	SHT	S-SLUDGE HOLDING TANK	10.00	1	sludge collection sump : 2 x 2 x 2.5 = 10.0
28	ETP1	SHT	S-SLUDGE HOLDING TANK	10.00	1	4.5x1.5x3

**Consent For Establishment (CFEs)**

Consent No. CTE-331600 Valid upto: 10/04/2032

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29	STP1	CFL	T-CARBON FILTER	5.00	1	Activated carbon filter Dia 1.2 m, H 4 mts
30	ETP1	CFL	T-CARBON FILTER	5.00	1	Activated carbon filter Dia 1.2 m, H 4 mts
31	ETP1	MEE	T-Mlt. Effect Evaporator	75.00	1	MEE feed tank 3.2x5.53
32	ETP1	ROP	T-R.O Plant	100.00	2	RO feed Tank each 50 KL capacity
33	ETP1	ROP	T-R.O Plant	100.00	2	RO permiate tank 50 KL each
34	ETP1	ROP	T-R.O Plant	30.00	1	RO reject tank 2.1x4.61
35	STP1	SFL	T-SAND FILTER	5.00	1	Pressure sand filter Dia 1.2 m, H 4 mts
36	ETP1	SFL	T-SAND FILTER	5.00	1	Pressure sand filter dia 1.2 x 4
37	STP1	TER	Tertiary	0.00	1	Micron cartidge filter
38	ETP1	TER	Tertiary	29.00	1	tertiary clarifier : 3.5 dia x 3.0= 29.0 m3

6. The applicant shall ensure that the ETP will treat the effluent to the stipulated standards as indicated in Annexure-I
7. The applicant shall not discharge any effluent outside the industry premises.
8. The applicant shall provide separate flow meter for inflow & outflow of effluents through ETP and separate energy meter and shall maintain a logbook for hourly record of meter reading for the verification of inspecting officers
9. The applicant shall discharge the effluents only to the place mentioned in the Consent order.

III. AIR POLLUTION CONTROL:

1. The Source of emission, Stack height & Air Pollution Control (APC) measures shall be as specified in ANNEXURE-II.
2. The applicant shall provide port holes for sampling of emission, access platforms for carrying out stack sampling, electrical points and all other necessary arrangements including ladder as indicated in Annexure-II.
3. The applicant shall upgrade/modify/replace the control equipment with prior permission of the Board.

**Consent For Establishment (CFEs)**

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IV. NOISE POLLUTION CONTROL:

The applicant shall ensure that the ambient noise levels within its premises during construction and during operational period shall not exceed w.r.t Area/Zone as per Noise Pollution (Regulation and Control) Rules, 2000 as mentioned below:-

- In Industrial Area 75 dB(A) Leq during day time and 70 dB(A) Leq during night time.
- In Commercial Area 65 dB(A) Leq during day time and 55 dB(A) Leq during night time.
- In Residential Area 55 dB(A) Leq during day time and 45 dB(A) Leq during night time.
- In Silence Zone 50 dB(A) Leq during day time and 40 dB(A) Leq during night time.

Note: - * Day time shall mean 6 am to 10 pm and Night time shall mean 10 pm to 6 am.

- * dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
- * A "decibel" is a unit in which noise is measured.
- * "A", in dB(A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human ear.
- * Leq: It is an energy mean of the noise level over a specified period.

V. SOLID WASTE (OTHER THAN HAZARDOUS WASTE) DISPOSAL:

- The applicant shall collect, treat and dispose off all solid waste generated from the process other than wastes covered under the Hazardous and other Wastes (Management & Transboundary Movement) Rules 2016, in such manner so as not to cause environmental pollution.
- The details of solid waste generated from the proposed plant and mode of disposal shall be as below.

Sr	Solid Waste Name/Type	Qty-Unit	Mode of Disposal
1	Plastic Waste	41.6600 - M.T	OTH
2	Organic waste (386 MT/A)	32.1600 - M.T	OTH
3	Miscellaneous (240 MT/A)	20.0000 - M.T	OTH
4	Plastic RM containers	30.9120 - M.T	OTH

VI. HAZARDOUS AND OTHER WASTES (MANAGEMENT & TRANSBOUNDRY MOVEMENT) RULES 2016:

- The applicant shall apply and obtain authorization under Hazardous and Other Wastes (Management & Transboundary Movement) Rules 2016, and comply with the provisions of the said Rules.

VII. GENERAL:

- The applicant shall transport and store the raw materials in a manner so as not to cause any damage to environment, life and property. The applicant shall be solely responsible for any damages to environment.
- The applicant shall not commission the proposed plant for trial or regular production unless necessary Water & air pollution control equipments are installed as specified in the Consent Order.
- The applicant shall ensure that the treatment plant and control equipments are completed and commissioned simultaneously along with construction of the factory and erection of machineries.
- The applicant shall not change or alter (a) raw materials or manufacturing process, (b) change the products or product mix (c) the quality, quantity or rate of discharge/emissions and (d) install/replace/alter the water or air pollution control equipments without the prior approval of the Board.
- The applicant shall immediately report to the Board of any accident or unforeseen act or event resulting in release of discharge of effluents or emissions or solid wastes etc. in excess of the standards stipulated. And the industry shall immediately take appropriate corrective and preventive actions under intimation to the Board.
- The Board reserves the right to review, impose additional condition or conditions, revoke, change or alter the terms and conditions.
- This CFE does not give any right to the Party/Project Authority/Industry to forego any other legal requirement, that is necessary for setting/operation of the plant.
- The applicant shall furnish pointwise compliance to the conditions given under this consent for establishment along with the application for Consent to operate.



Consent For Establishment (CFEs)

Consent No. CTE-331600 Valid upto: 10/04/2032

Karnataka State Pollution Control Board
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9. The applicant is liable to reinstate or restore, damaged or destroyed elements of environment at his cost, failing which, the applicant/occupier as the case may be shall be liable to pay the entire cost of remediation or restoration in advance an amount equal to the cost estimated by Competent Agency or Committee.

10. The applicant shall comply with all the Conditions and guidelines issued from time to time.

11. The applicant must create structure/facility for rain water harvesting and ground water recharge.

12. The applicant shall develop extensive green belt within the periphery of the plant.

13. This consent is issued without prejudice to Court Cases pending in any Hon'ble Court.

Please note that this is only consent for establishment issued to you to proceed with the formalities for establishment of the industry and does not give any right to proceed with trial/regular production. For this purpose, separate consents of the Board for discharge of liquid effluent and the emissions to the air shall have to be obtained by remitting prescribed consent fee. The application for consent has to be made 45 days in advance of commissioning for trial production of the plant.

The receipt of this letter may please be acknowledged.

Consent Fee paid : Rs. 2000000

Note:

The Conditions II(2) mentioned in the schedule are not applicable.

Additional Conditions:

1. The products with quantities, water consumption, waste water generation, mode of disposal with standards, air pollution sources with control measures mentioned in additional conditions attached with this order shall be considered and to be complied by the industry.
2. This document contains 16 pages including additional conditions and annexures.

COPY TO:

1. The Environmental Officer, KSPCB, Regional Office, Chamrajanagar for information and to inspect the industry during your next visit to the area.
2. Master copy (Dispatch).
3. Office copy.

ANNEXURE- II

**Consent For Establishment (CFEs)**

Karnataka State Pollution Control Board

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Street, Bengaluru-560001

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upto: 10/04/2032

Industry Colour: RED

Industry Scale: LARGE

(This document contains 8 pages including annexure & excluding additional conditions)

Chimney No.	Chimney attached to	Capacity/ KVA Rating	Minimum chimney height to be provided above ground level (in Mts)	Constituents to be controlled in the emission	Tolerance limits mg/NM3	Fuel	Air pollution Control equipment to be installed in addition to chimney height as per col.(4)	Date of which air pollution control equipments shall be provided to achieve the stipulated tolerance limits and chimney heights conforming to stipulated heights.
1	D.G. Sets	1010 KVA- 3 no (2 Working & 1 Standby)	30	PM,SO2,NOx	75,710,-	DIE	AEC	
2	D.G. Sets	DG Sets -2000 KVA-3 nos (2 Working & 1 Standby)	30	PM,SO2,NOx	75,710,-	DIE	AEC,PRT	
3	Any Other....	Dust collector with Silo - 86 No's (3 mtr ARL Individual stack)	3	PM,SO2,NOx	50,0,0	PM	DUS,PRT	
4	Any Other....	Dust collector (Bulk powder handling area) - 15 No's(3 Mtrs ARL Individual stack)	3	PM,SO2,NOx	50,0,0	PM	FIL,PRT	
5	Any Other....	Emulsion Block - 2 No's (3 Mtr ARL)	3	PM,SO2,NOx	0,0,0	VOC, Hydrocarbons	PRT,SCR	
6	Any Other....	Resin Block - 2 No's (3Mtrs ARL)	3	PM,SO2,NOx	0,0,0	VOC, Hydrocarbons	PRT,SCR	
7	Any Other....	Solvent based paint block - 2 No's (3 Mtr ARL)	3	PM,SO2,NOx	0,0,0	VOC, Hydrocarbons	PRT,SCR	
8	Any Other....	Water based block - 2 No'S - 3 Mtr ARL	3	PM,SO2,NOx	---	AMMONIA	PRT,SCR	
9	Fuel Heater (Thermic)	Thermic fluid heater (3 working and 1 Standby)- Total-- 4 Nos	30	PM,SO2,NOx	800,600,300	DIE	PRT	



Consent For Establishment (CFEs)

Consent No. CTE-331600 Valid upto: 10/04/2032

Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church Street, Bengaluru-560001
Tele : 080-25589112/3, 25581383
Fax:080-25586321
email id: ho@kspcb.gov.in

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10	Boiler	Boiler - 0.5 TPH- 1 No's	30	PM,SO2,NOx	1200,600,300	DIE	PRT
11	D.G. Sets	DG Sets- 500 KVA - 2 No's (For construction phase)	4	PM,SO2,NOx	75,710,-	DIE	AEC,PRT
12	Boiler	Boiler - 2 TPH- (3 working & 1 Standby) Total-4 Nos	30	PM,SO2,NOx	800,600,300	DIE	PRT

Note:

AEC : Acoustic Enclosures

AEC,PRT : Acoustic Enclosures

DUS,PRT : Dust Collector

FIL,PRT : Bag Filter

PRT,SCR : Port Hole

PRT : Port Hole

PRT : Port Hole

LOCATION OF SAMPLING PORTHOLE, PLATFORM, ELECTRICAL OUTLET.

1. Location of Portholes and approach platform:

Portholes shall be provided for all chimneys, stacks and other sources of emission. These shall serve as the sampling points. The sampling point should be located at a distance equal to atleast eight times the stack or duct diameters downstream and two diameters upstream from source of low disturbance such as a Bend, Expansion, Construction Valve, Fitting or Visible Flame or rectangular stacks, the equivalent diameter can be calculated from the following equation.

$$\text{Equivalent Diameter} = \frac{2 (\text{Length} \times \text{Width})}{(\text{Length} + \text{Width})}$$

- The diameter of the sampling port should not be less than 100mm dia". Arrangements should be made so that the porthole is closed firmly during the non sampling period.
- An easily accessible platform to accommodate 3 to 4 persons to conveniently monitor the stack emission from the portholes shall be provided. Arrangements for an Electric Outlet Point of 230 V 15 A with suitable switch control and 3 Pin Point shall be provided at the Porthole location.
- The ladder shall be provided with adequate safety features so as to approach the monitoring location with ease.

FOR AND ON BEHALF OF KARNATAKA POLLUTION CONTROLBOARD

Validity unknown

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