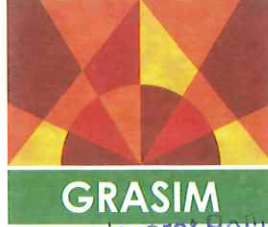


o/c
ADITYA BIRLA



Gujarat Pollution Control Board
Head Office
Sector No.-10-A
Gandhinagar-382010

Date: 31.05.2025

To,
Gujarat Pollution Control Board,
Paryavaran Bhavan, Sector – 10 A,
Gandhinagar – 382010.

Sub: Submission of ENVIRONMENTAL STATEMENT for the year 2024-25 for Aditya Birla Insulators (Unit of Grasim Industries Limited) P.O. Maghasar, Taluka- Halol, Distt- Panchmahal, Gujarat-389350.

Ref: Consent Order No. AWH-97611 issued wide letter No. GPCB/CCA-PN-83(5)/ID-18831/490415, dated 04/01/2019, valid up to 19/10/2025.

XGN ID No.: 18831

Dear Ma'am/Sir,

With reference to above subject, please find herewith the Environmental Statement (Form-V) for the financial year 2024-25 in respect of Aditya Birla Insulators at Meghasar, Tal- Halol, Distt- Panchmahal (Gujarat).

This is for your kind information and record, please.

Thanking you,

Yours faithfully,
For Grasim Industries Limited
(Unit: Aditya Birla Insulators-Halol)


Dr. Gobinda Pahari
Site Head (Factory Manager)



Encl.:

1. Form – V
2. Effluent analysis report
3. Ambient air monitoring report
4. Stack monitoring report

Cc to: Regional Office, Gujarat Pollution Control Board, Plot No. 1403, Opp. GIDC Office, Halol - 389350.



ADITYA BIRLA INSULATORS

Grasim Industries Limited
Unit - Aditya Birla Insulators

Halol Works : P.O. : Meghasar, Taluka : Halol, Dist. Panchmahal (Gujarat) Pin : 389350, India

Tel. : 912676, Board : 221002 | Fax : 912676 223375

Website: www.adityabirlainsulators.com / www.grasim.com | CIN No. : L17124MP1947PLC000410

Regd. Office : Birlagram (P.O.), Nagda (M.P.) Pin : 456 331, India.

FORM – V
(Rule 14 of Environment Protection Rules-1986)

Environmental Statement for the financial year ending on the 31st March, 2025

PART – A

- (i) Name & Address of the owner/occupier : Mr. Himanshu Kapania
Of the Industry operation or process : M/s. Grasim Industries Limited
(Unit- Aditya Birla Insulators)
Flat No. 3002,30th floor, The Imperial Edge, Tower
No.4,CTS no.725 PT,B B Nakshe Marg M P Mill
Compound, Tardeo, Mumbai - 400034
- (ii) Industry category : **Orange Category**
- (iii) Production Capacity – Units : Porcelain Insulator: 1866 MT/Month
(Actual – **977.26 MT/Month**)
Composite Insulator:100000 Nos. /Month
(Actual –**16208.33 Nos. /Month**)
- (iv) Year of establishment : 01/08/1981
- (v) Date of the last environmental statement : 14/05/2024

PART – B

Water and Raw Material Consumption

(I) Water Consumption m³/day

Process : 682.48 M³/day
Cooling : 23.87 M³/day
Domestic : 111.61 M³/day

Name of Product		Process water consumption per unit of product output	
		During the previous financial year (2023-2024)	During the current financial year (2024-2025)
1.	Porcelain Insulator	20.72 kL/MT	21.24 kL/MT
2.	Composite Insulator (Polymer)	Nil	Nil

Raw Material Consumption

For Porcelain Insulators Preparation:

No.	Name of Raw Materials	UOM	Consumption of raw material per unit of output (MT/MT)	
			During the previous financial year (2023-2024)	During the current financial year (2024-2025)
1	Ball Clay	MT	0.64	0.66
2	Quartz	MT	0.15	0.15
3	Feldspar	MT	0.29	0.31
4	Alumina	MT	0.37	0.40
5	Metal Part (SGI)	No's	0.05	0.04

For Composite Insulators (Polymer) Preparation:

No.	Name of Raw Materials	UOM	Consumption of raw material per unit of output	
			During the previous financial year (2023-2024)	During the current financial year (2024-2025)
1	Silicon Rubber	KG	6.06	6.86
2	FRP Road	No's	1.02	1.02
3	Metal Parts	No's	2.38	3.26

PART – C

Pollution Discharged to environment / unit of output. (Parameter as specified in the consent issued)

Pollutants		Unit	Result	GPCB Standards	Percentage of variation from prescribed standards with reason
(a) Wastewater	BOD	(mg/l)	20.33	30	Within Permissible Limit
	COD	(mg/l)	62.33	100	Within Permissible Limit
	TSS	(mg/l)	43.33	100	Within Permissible Limit
(b) Air (D.G set)	PM	mg/Nm ³	33.67	150	Within Permissible Limit
	SO ₂	PPM	22.47	100	Within Permissible Limit
	NO _x	PPM	14.43	50	Within Permissible Limit

PART – D

HAZARDOUS WASTE

As specified under Hazardous Wastes (Management and Handling Rules, 2016)

Hazardous Waste	Total Quantity	
	During the previous financial year (2023-2024)	During the current financial year (2024-2025)
a) From Process I. Used Oil (Cat. 5.1) II. Discarded containers/Barrels (33.1)	7.32 kL 246 Nos.	3.32 kL 70 Nos.
b) From pollution control facility (ETP Sludge)	9.41 MT	9.154 MT

PART – E

SOLID WASTE

Solid Wastes	Total Quantity	
	During the previous FY 2023-24	During the current FY 2024-25
(a) From process	0	0
(b) From pollution control facility (Effluent Treatment Plant)	9.41 MT	9.154 MT
(c) (i) Quantity recycle or re-utilized	9.41 MT	9.154 MT
(ii) Sold to authorized recycler	246 Nos. Discarded containers/Barrels	70 Nos. Discarded containers/Barrels 3.32 KL Used Oil
(iii) Disposed to TDSF	Nil	Nil

PART – F

PLEASE SPECIFY THE CHARACTERIZATION (IN TERMS OF COMPOSITION AND QUANTUM) OF HAZARDOUS AS WELL AS SOLID WASTES AND INDICATE DISPOSAL PRACTICE ADOPTED FOR BOTH THE CATEGORIES OF WASTES:

SOLID WASTE:

- Storage Practices: Hazardous waste is collected and stored in scrap storage yard on impervious concrete flooring within the premises.
- Disposal Practices: Hazardous waste is handed over to authorized recyclers as per the norms.
- Road & Paved areas regularly cleaning with safe manners.
- Generated sludge from the ETP also reused in our process.
- Organic waste converted in Vermi compost and used as nutrient-rich organic fertilizer for green belt development within plant & colony premises.

HAZARDOUS WASTE:

Complying with the provisions made under Hazardous & Other waste (Management & Trans-Boundary Movement) Rule, 2016.

The Used oil (Cat. 5.1), Discarded empty drums/containers (Cat. 33.1), ETP sludge (35.3) is generated as hazardous waste from plant machineries/equipment and waste water treatment. The Hazardous waste is being stored in M.S. drums on concreted floor under covered in roof shed and is being sold out to authorized recycler as per disposal method.

- During FY 2024-25, 3.32 MT Recyclable hazardous waste i.e. Used oil, 70 Nos. (1.13 MT) discarded containers etc. is sold out to GPCB authorized recyclers (i.e., M/s Forever Oil Refinery [GPCB ID-80597] & M/s Honest Enterprise [GPCB ID-80781].
- During FY 2024-25, 9.154 MT generated ETP sludge reused in our process.
- Total Hazardous Waste Balance Stock as on 31.03.2025 is 0.00 MT.

OTHER HAZARDOUS WASTE:

- Complying with the provisions made in Batteries (Management & Handling) Rules, 2001 & Amendment Rules, 2010. As a Bulk Consumer, the half year return regarding purchase & disposal of lead acid batteries is submitted regularly to GPCB in prescribed FORM No. VIII accordance to prescribed schedule.
- Complying with the provisions made in E-waste (Management) Rules, 2016. As a Bulk Consumer, the Annual return regarding disposal of e-waste is submitted regularly to GPCB in prescribed FORM No. 3 with their manifest copy accordance to prescribed schedule.

During FY 2024-25, approx. 0.94 MT E-waste sold to authorized E-waste recycler M/s Galaxy Recycling (46259) at bharudi, Tal: Gondal, Dist: Rajkot-360311 (Gujarat).

The Annual return for the unit has been submitted to GPCB Regional office and Head office for the period from April'24 to March'25 dated 19/04/2025.

E-waste generated from the unit is being sold out only to authorized e-waste recyclers.

- Complying with the provisions made under Bio Medical Waste Management Rules, 2016. The Consent & authorization has been obtained from GPCB under Water Act and Bio Medical Waste Management Rules, 2016 for the generation, segregation & storage of Bio medical waste for Medical Centre vide Authorization No. BMW-346515 and valid up to 31/12/2075.

During the calendar year 2024 total 4.66 Kg Bio Medical waste generated of different categories i.e. Yellow/Red/White & Blue sent to authorized CBWTF i.e. M/s Samvedna BMW Incinerator-Halol for final disposal as per BMW rule'2016.

The Annual report in FORM- IV for the year 2024 (from 1st January to 31st December) regarding details of generation & disposal of bio medical waste has been submitted to GPCB online in XGN as well as in hard copy dated 06/03/2025.

The Bio Medical waste is being collected/stored in colored bins prescribed as per rules at Medical Centre. The collection of Bio Medical waste from the Medical Centre is being done by authorized CBWTF i.e. M/s Samvedna BMW Incinerator-Halol in its own vehicle for transportation of Bio Medical waste to its site for final treatment/disposal.

PART – G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production

- **Pollution control measures adopted to control the pollution are as given below:**
 - Regular monitoring of stack emissions & ambient air quality conducted by GPCB approved environment labs
 - ETP treated water is reused 100 % in gardening, toilets, fire hydrant and process.
 - Treated sewage water is used in green belt development.
 - ETP sludge is recycled 100% into the process.
- **The impact of these measures on conservation of natural resources:**
 - Reduction in ETP waste generation.
 - Emission levels are within GPCB permissible limits.

PART – H

Additional measures / investment proposals for environmental protection including abatement of prevention of pollution

Unit is committed for sustainable plant operation as a responsible manner in and around the industrial premises viz. plantation programme at its premises and colony, rural development programme, regular environment emission monitoring programme from the external approved agencies etc. Thus, the control measures provided for abatement and control of pollution, as following:

- Cleaning and Maintenance of recharge-wells.
- Increase Vermi-Composting for biodegradable waste management.
- Provided covered shed for raw material storage as well as plant process areas.
- Developed & maintained massive greenbelt area inside plant & colony premises.
- Acoustic structures provided at all standby D.G sets for noise reduction.
- Regularly maintenance & services for optimization of ETP operation.
- 10 No's artificial recharge well-constructed for ground water recharge.
- 02 No's of DWLR piezometers installed for continuous monitoring of ground water level.

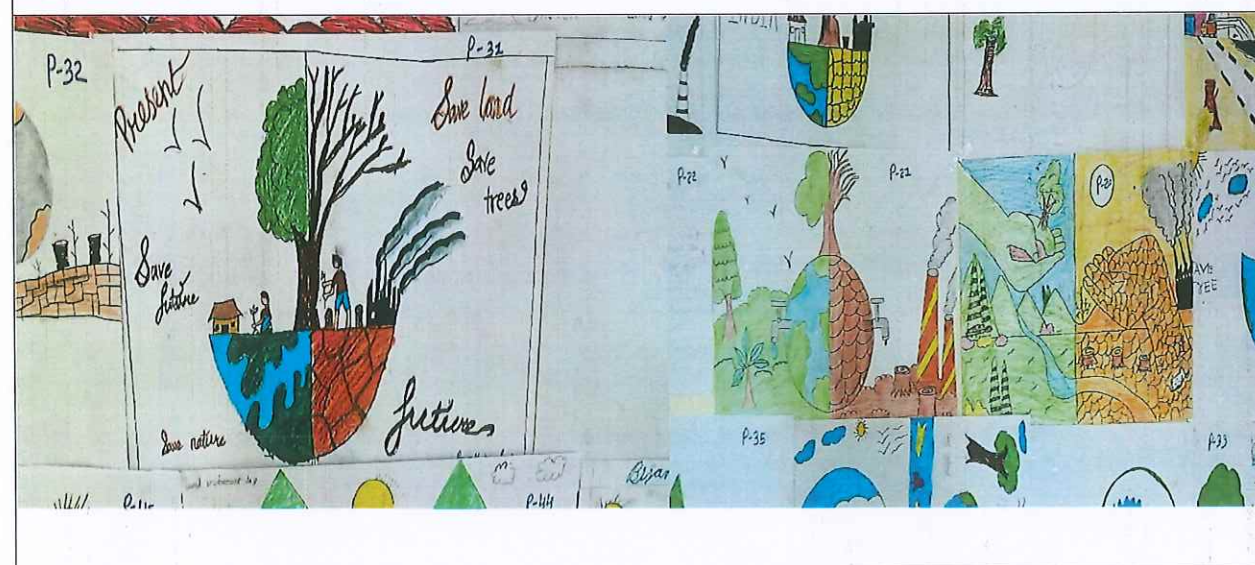
DWLR Piezometers



Regular Environment Awareness program is being conducted at Unit to spread awareness for conservation of environment and natural resources. The Environment Awareness program being celebrated at unit for environment awareness is as under:

World Environment Day (2024) celebrated on the theme of “Our Land. Our Future. We are Generation Restoration”





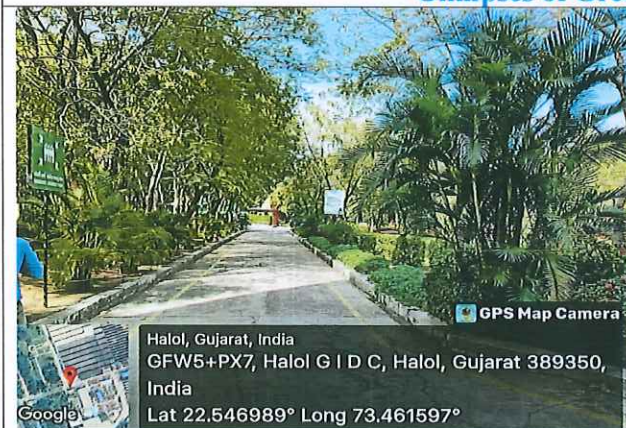


PART - I

Any other particulars for improving the quality of the environment:

- 289 No's saplings planted this year (FY'25) in company and nearby villages.
- We provide medical assistance, provide educational awareness and distribute tree saplings in village school to promote environmental conservation.
- Being a corporate social citizen, we ensure to support is required for making our efforts and initiatives successful by implementing various activities spanning from health, education, women livelihood, espousing social causes, infrastructural work as well for Environment. We provide necessary support whatever required making social program successful by implementing various activities as per the need of villagers & our focus areas.

Glimpses of Green belt developed





GLIMPSES OF COMMUNITY WELFARE AND ECO-DEVELOPMENT ACTIVITIES

SUSTAINABLE LIVELIHOOD AND FARMING SYSTEMS

Vocational Training Centre

- ❖ The Unit is supporting a vocational training center at Muni Sewa Ashram to support 70 tribal youth (male and female).
- ❖ The youth are being trained in trades like bed side assistant, beautician, Electrician, Fitter, Computer Operation in a well-equipped residential facility.
- ❖ The youth were provided Training Certificates and industrial exposure at ABI Halol unit in the presence of Unit Management

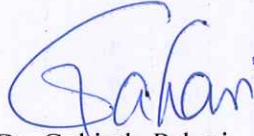


EDUCATION AND AWARENESS

• School Enrolment

- ❖ To encourage school enrollment in Government Schools the company will distributed school bags to new joiners
- ❖ Company will distributes Notes books and other school stationary to support



Signature : 
Name : Dr. Gobinda Pahari
Designation : Site Head (Factory Manager)
Date : 31/05/2025


DR. GOBINDA PAHARI
GENERAL MANAGER
GEASIR INDUSTRIES LTD.


DR. GOBINDA PAHARI
GENERAL MANAGER
GEASIR INDUSTRIES LTD.

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ALPHA ENVIROCHEM SERVICES

Environment Consultancy & Laboratory
GPCB Authorised Schedule-II Environment Auditor
Email Id: alphaenvirochem3@gmail.com, bsranaenviro@gmail.com

Test Report –Waste Water

Report / Certificate No.	AES/AUDIT/24-25/033	Date of Reporting	05/04/2025
Name and Address of Customer	M/s. Grasim Industries Ltd. (Unit-Aditya Birla Insulators) Survey No.333/1, Village–Magasar, Tal: Halol, Dist: Panchmahal.		
Date & Time of Sampling	27/03/2025 4.25 PM	Sample Id	GIL/033
Sampling By	AES Team	Sampling Protocol	IS: 3025(Part-I)
Type of Sampling	Grab	Sampling Location	ETP Final Outlet
Quantity of Sample	2 Lit	Condition Sample Receipt	Normal
Environment Condition during the test	Normal	Sample Receipt Date	29/03/2025
Analysis Start Date	29/03/2025	Analysis End Date	04/04/2025

Chemical Analysis of Waste Water: -

Sr. No.	Parameters	Test Method	Permissible limit as per CC&A	Test Results	Unit
1.	pH	APHA, 23 rd Edition, 2017/4500 H+ B	6.5-8.5	7.46	-
2.	Temperature	APHA, 23 rd Edition, 2017/2550 B	40°C	31	°C
3.	TSS	APHA, 23 rd Edition, 2017/2540 D	100	42	mg/L
4.	Total Dissolved Solids	APHA, 23 rd Edition, 2017/2540 C	2100	1324	mg/L
5.	Ammonical Nitrogen	APHA, 23 rd Edition, 2017/4500 NH3, B&C	50	BDL	mg/L
6.	Oil & Grease	APHA 23 rd Edition, 2017/ 5520 B	10	BDL	mg/L
7.	BOD (3 days at 27 ^o C)	APHA 23 rd Edition, 2017/ 5210 B	30	21	mg/L
8.	COD	APHA 23 rd Edition, 2017/ 5220 B	100	60	mg/L
9.	Chlorides	APHA 23rd Edition 4500-Cl	600	480	mg/L
10.	Sulphate	APHA 23rd Edition 4500-SO4	1000	58.2	mg/L
11.	Fluorides	APHA 23rd Edition 4500-F	2.0	0.03	mg/L
12.	Lead	APHA 23rd Edition 3500-Pb	0.1	<0.001	mg/L
13.	Arsenic	APHA 23rd Edition 3500-As	0.2	<0.004	mg/L
14.	Zinc	APHA 23rd Edition 3500-Zn	5.0	<0.03	mg/L
15.	Copper	APHA 23rd Edition 3500-Cu	3.0	<0.05	mg/L
16.	Total Residue Chlorine	APHA 23rd Edition 4500-Cl	1.0	<0.2	mg/L
17.	SAR	Calculation Method	26.0	10.0	mg/L
18.	Bio-Assay test results	IS 6582 (Part 2), 2001	90% survival of fish after 96 hrs.	95%	-

Remarks →

- Test results relates to the sample tested only.
- Our liability is limited to invoice value only.
- No complaint will be entertained if received after 7 days of issue of the report.
- BDL : Below Detection Limit



ALPHA ENVIROCHEM SERVICES

Environment Consultancy & Laboratory
GPCB Authorised Schedule-II Environment Auditor
Email Id: alphaenvirochem3@gmail.com, bsranaenviro@gmail.com

Test Report- Ambient Air

Report No.	AES/AUDIT/24-25/027				
Name of Client	Grasim Industries Ltd. (Unit- Aditya Birla Insulators)				
Address of Unit	S.NO.-333/1, Vill: Magasar Tal: Halol, Dist: Panchmahal				
Sample description	Ambient Air		Report Date		05/04/2025
			Sampling Start	Date	27/03/2025,
				Time	09.00 AM
Condition during the sample receipt	Satisfactory		Sampling End	Date	27/03/2025
				Time	5.00 PM
Environment Condition	Wind Direction	W-E	Sampling Duration		8 hours
	Humidity	22%	Sampling Location		Near Main Gate-1
	Wind Velocity	10.9 kmh	Sampled By		AES Team
Date of Test Start		29/03/2025	Sample Id		GIL/027
Date of Test End		30/03/2025	Date of sample receipt		29/03/2025

Test Results:

Parameters	Test Method	Test Results	Permissible Limit	Unit
Particulate Matters-10 (PM-10)	IS 5182, Part-23, 2006 (Reaffirmed-2022)	64.2	100	$\mu\text{g}/\text{m}^3$
Particulate Matters-2.5 (PM-2.5)	IS 5182, Part-24, 2019	30.4	60	$\mu\text{g}/\text{m}^3$
Oxides of Sulphur (SO ₂)	IS 5182, Part-23, 2001 (Reaffirmed-2022)	15.2	80	$\mu\text{g}/\text{m}^3$
Oxides of Nitrogen (NO _x)	IS 5182, Part-23, 2006 (Reaffirmed-2022)	22.5	80	$\mu\text{g}/\text{m}^3$



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Environment Consultancy & Laboratory
GPCB Authorised Schedule-II Environment Auditor
Email Id: alphaenvirochem3@gmail.com, bsranaenviro@gmail.com

Test Report- Ambient Air

Report No.	AES/AUDIT/24-25/028			
Name of Client	Grasim Industries Ltd. (Unit- Aditya Birla Insulators)			
Address of Unit	S.NO.-333/1, Vill: Magasar Tal: Halol, Dist: Panchmahal			
Sample description	Ambient Air	Report Date		05/04/2025
		Sampling Start	Date	27/03/2025,
			Time	09.15 AM
Condition during the sample receipt	Satisfactory	Sampling End	Date	27/03/2025
			Time	5.15 PM
Environment Condition	Wind Direction	W-E	Sampling Duration	8 hours
	Humidity	22%	Sampling Location	Near Main Gate-2
	Wind Velocity	10.9 kmh	Sampled By	AES Team
Date of Test Start	29/03/2025		Sample Id	GIL/028
Date of Test End	30/03/2025		Date of sample receipt	29/03/2025
Test Results:				
Parameters	Test Method	Test Results	Permissible Limit	Unit
Particulate Matters-10 (PM-10)	IS 5182, Part-23, 2006 (Reaffirmed-2022)	68.7	100	$\mu\text{g}/\text{m}^3$
Particulate Matters-2.5 (PM-2.5)	IS 5182, Part-24, 2019	32.2	60	$\mu\text{g}/\text{m}^3$
Oxides of Sulphur (SO ₂)	IS 5182, Part-23, 2001 (Reaffirmed-2022)	15.2	80	$\mu\text{g}/\text{m}^3$
Oxides of Nitrogen (NO _x)	IS 5182, Part-23, 2006 (Reaffirmed-2022)	21.6	80	$\mu\text{g}/\text{m}^3$



ALPHA ENVIROCHEM SERVICES

Environment Consultancy & Laboratory
GPCB Authorised Schedule-II Environment Auditor
Email Id: alphaenvirochem3@gmail.com, bsranaenviro@gmail.com

Test Report- Ambient Air

Report No.	AES/AUDIT/24-25/029				
Name of Client	Grasim Industries Ltd. (Unit- Aditya Birla Insulators)				
Address of Unit	S.NO.-333/1, Vill: Magasar Tal: Halol, Dist: Panchmahal				
Sample description	Ambient Air		Report Date		05/04/2025
			Sampling Start	Date	27/03/2025,
				Time	09.40 AM
Condition during the sample receipt	Satisfactory		Sampling End	Date	27/03/2025
				Time	5.40 PM
Environment Condition	Wind Direction	W-E	Sampling Duration		8 hours
	Humidity	22%	Sampling Location		Near ETP
	Wind Velocity	10.9 kmh	Sampled By		AES Team
Date of Test Start		29/03/2025	Sample Id		GIL/029
Date of Test End		30/03/2025	Date of sample receipt		29/03/2025
Test Results:					
Parameters		Test Method	Test Results	Permissible Limit	Unit
Particulate Matters–10 (PM–10)		IS 5182, Part–23, 2006 (Reaffirmed-2022)	64.6	100	µg/m ³
Particulate Matters–2.5 (PM–2.5)		IS 5182, Part–24, 2019	32.8	60	µg/m ³
Oxides of Sulphur (SO ₂)		IS 5182, Part–23, 2001 (Reaffirmed-2022)	14.2	80	µg/m ³
Oxides of Nitrogen (NO _x)		IS 5182, Part–23, 2006 (Reaffirmed-2022)	16.7	80	µg/m ³



ALPHA ENVIROCHEM SERVICES

Environmental Consultancy & Laboratory
GPCB Authorised Schedule-II Environmental Auditor
Email id : alphaenvirochem3@gmail.com, bsranaenviri@gmail.com

Test Report – Flue Gas Stack

Report / Certificate No.	AES/AUDIT/24-25/006		
Reporting Date	10/10/2024		
Name and address of customer	M/s. Grasim Industries Ltd. (Unit-Aditya Birla Insulators) (id: 18831) Survey No.333/1, Village-Magasar, Tal: Halol, Dist: Panchmahal		
Date of Sample Collection	17/09/2024	Sample Id	GIL/006
Date of Sample Receipt	17/09/2024	Sampling By	AES Team
Date of Testing	18/09/2024	Condition of the sample during the receipt	Normal
Description of Sample	DG Set No. 3 (750 KVA)		
Fuel Used	HSD		
APCM system	-		
Stack Height & Area	12 m & 0.02 m		
Temperature of Stack (°C)	148 °C		
Average Velocity of Stack Gas (m/sec)	7.0 m/sec		
Duration of Sampling (minutes)	30 min		

Sr. No.	Parameters	Test Method	Test Results	Permissible Limit	Unit
1.	Particulate Matter as PM	IS 11255 (Part-1):1985, (Reaffirmed-2019)	40.1	150	mg/Nm ³
2.	Sulphur Dioxide as SO ₂	IS 11255 (Part-2):1985, (Reaffirmed-2019)	28.5	100	ppm
3.	Oxides of Nitrogen as NOx	IS 11255 (Part-7):2005, (Reaffirmed-2017)	16.3	50	ppm

Remarks →

- Test results relates to the sample tested only.
- Our liability is limited to invoice value only.
- No complaint will be entertained if received after 7 days of issue of the report.





ALPHA ENVIROCHEM SERVICES

Environmental Consultancy & Laboratory
GPCB Authorised Schedule-II Environmental Auditor
Email id : alphaenvirochem3@gmail.com, bsranaenviri@gmail.com

Test Report – Flue Gas Stack					
Report / Certificate No.	AES/AUDIT/24-25/005				
Reporting Date	10/10/2024				
Name and address of customer	M/s. Grasim Industries Ltd. (Unit-Aditya Birla Insulators) (id: 18831) Survey No.333/1, Village-Magasar, Tal: Halol, Dist: Panchmahal				
Date of Sample Collection	17/09/2024	Sample Id	GIL/005		
Date of Sample Receipt	17/09/2024	Sampling By	AES Team		
Date of Testing	18/09/2024	Condition of the sample during the receipt	Normal		
Description of Sample	DG Set No. 2 (750 KVA)				
Fuel Used	HSD				
APCM system	-				
Stack Height & Area	12 m & 0.02 m				
Temperature of Stack (°C)	154 °C				
Average Velocity of Stack Gas (m/sec)	7.2 m/sec				
Duration of Sampling (minutes)	36 min				
Sr. No.	Parameters	Test Method	Test Results	Permissible Limit	Unit
1.	Particulate Matter as PM	IS 11255 (Part-1):1985, (Reaffirmed-2019)	29.5	150	mg/Nm ³
2.	Sulfur Dioxide as SO ₂	IS 11255 (Part-2):1985, (Reaffirmed-2019)	18.6	100	ppm
3.	Oxides of Nitrogen as NOx	IS 11255 (Part-7):2005, (Reaffirmed-2017)	12.4	50	ppm
Remarks → <ul style="list-style-type: none">• Test results relates to the sample tested only.• Our liability is limited to invoice value only.• No complaint will be entertained if received after 7 days of issue of the report.					





ALPHA ENVIROCHEM SERVICES

Environmental Consultancy & Laboratory
GPCB Authorised Schedule-II Environmental Auditor
Email id : alphaenvirochem3@gmail.com, bsranaenviri@gmail.com

Test Report – Flue Gas Stack					
Report / Certificate No.	AES/AUDIT/24-25/004				
Reporting Date	10/10/2024				
Name and address of customer	M/s. Grasim Industries Ltd. (Unit-Aditya Birla Insulators) (id: 18831) Survey No.333/1, Village-Magasar, Tal: Halol, Dist: Panchmahal				
Date of Sample Collection	17/09/2024	Sample Id	GIL/004		
Date of Sample Receipt	17/09/2024	Sampling Agency	AES Team		
Date of Testing	18/09/2024	Condition of the sample during the receipt	Normal		
Description of Sample	DG Set No. 1 (750 KVA)				
Fuel Used	HSD				
APCM system	-				
Stack Height & Area	12 m & 0.02 m				
Temperature of Stack (°C)	162 °C				
Average Velocity of Stack Gas (m/sec)	7.6 m/sec				
Duration of Sampling (minutes)	30 min				
Sr. No.	Parameters	Test Method	Test Results	Permissible Limit	Unit
1.	Particulate Matter as PM	IS 11255 (Part-1):1985, (Reaffirmed-2019)	31.4	150	mg/N m ³
2.	Sulphur Dioxide as SO ₂	IS 11255 (Part-2):1985, (Reaffirmed-2019)	20.3	100	ppm
3.	Oxides of Nitrogen as NOx	IS 11255 (Part-7):2005, (Reaffirmed-2017)	14.6	50	ppm
Remarks → <ul style="list-style-type: none">• Test results relates to the sample tested only.• Our liability is limited to invoice value only.• No complaint will be entertained if received after 7 days of issue of the report.					

