

JVL/GPCB/EHS/09-2023/02

GPCB ID No. 22119

September 26, 2023

To,
The Director,
Ministry of Environment, Forests & Climate Change
Regional Office (Western Region)
Kendriya Paryavaran Bhavan,
Link Road No.3, E-5, Ravi Shankar Nagar,
Bhopal - 462 016 (M.P.)

Subject: Submission of Environmental Statement Form – V for the year 2022-2023.

Dear Sir,

Please find enclosed herewith Environmental Statement (Form - V) of our unit for the year 2022 – 23.

Yours faithfully,
For Jubilant Ingrevia Limited.



(Authorized Signatory)
Gurish Khosla
(Senior Director & Unit Head – Savli)

Enclosure:

- 1) Form V
- 2) Annexure 1.
- 3) Analysis reports of treated effluent & stacks.

Copy to:

1. **Regional Officer,**
Gujarat Pollution Control Board,
GERI Compound, Race Course Circle.
Vadodara-382010
2. **Unit Head -Vadodara,**
Gujarat Pollution Control Board
Paryavaran Bhavan, Sector-10A,
Gandhinagar-382021.

A Jubilant Bhartiya Company

OUR VALUES



Jubilant Ingrevia Limited
Block 133, Village Samlaya, Taluka Savli,
Dist. Vadodara-391 520, Gujarat, India
Tel: +91 2667 268335-36
www.jubilantingrevia.com

Corporate Office:
I-A, Sector 16-A,
Noida-201 301, UP, India
Tel: +91 120 4361000
Fax: +91 120 4234895-96

Regd Office:
Bhartiagram, Gajraula
Distt. Amroha - 244 223
Uttar Pradesh, India
CIN : U24299UP2019PLC122657

Disclosure: *All information provided/submitted herewith is commercial confidential data/information, trade secrets and/or intellectual property(s) etc. of the Company or its group Companies. The Company humbly requests you to treat the data/information submitted herewith as "Strictly Confidential", and not to provide/disclose/share any data/information to any third person/party as the same is exempted from disclosure under Section 8 of the Right to Information Act, 2005 ("RTI Act"). In the event of any person makes any application to you seeking any information about the Company, the Company requests you to please issue a prior written notice to the Company along with reasonable opportunity of representation to the Company as envisaged under Section 11(1) of the RTI Act. No disclosure of any data/information can be made to any third person/party without Company's consent under the provisions of the RTI Act.*

JUBILANT INGREVIA LIMITED

ENVIRONMENTAL STATEMENT

Date: 26.09.2023

FORM-V

Environmental statement for the Financial Year ending 31st March, 2023

PART-A

I Name and address of the owner/occupier of the industry, operation or process

Mr. Anant Pande
1-A, Sector 16-A,
Noida - 201 301
Uttar Pradesh

: Location of industry :
Jubilant Ingrevia Limited
Block - 133, Savli - Jarod Road
Village - Samlaya, Taluka - Savli
District - Vadodara

II Industry Category

: Major

III Production capacity

Sr. No.	Products	Total Capacity (MTPM)
1	Ethoxylate of Nonyl phenol, Fatty Acid Fatty Alcohol, DEG& Castor oil, Choline chloride& derivatives (Aqueous Choline Chloride, Acidifier Liquid, Chloromequate Chloride (Choline Dichloride), Ethoxylate PCL3 (Triss), Choline Chloride Crystals etc.	3400
2	Betaine	500
3	2 - Vinyl Pyridine	500
4	Choline chloride Dry, (Dry Choline chloride, Acidifier Dry, Silica based	3000
5	Premix , Emulsifier Ethoxylates of Castor oil, Emulsifier lysolecithin ,Chelated minerals, Liquid Formulations and tonics, Encapsulated products	3550
6	Carrier	850
7	EOCO2(Ethylene Oxide & Carbon Dioxide)	300
8	Oil Field Chemicals	120

PART-B

Water and Raw Material Consumption

I Water consumption M3/day (average)

Process	40.42
Boiler & Cooling	154.5
Domestic	42.79
Others	0.0

Name of Product	Process Water consumption (including boiler, cooling, domestic water etc.)	
	Per MT of product output during	
	Previous financial year	Current financial year
Liquid Choline Chloride (Feed Grade), Dry Choline Chloride, Corncob Carrier, Animal Feed Premix, Ethylene Oxide and Carbon Dioxide Mixture	1.84 M3/MT of product	2.96 M3/MT of product

II Raw Material consumption: Annexure -1

PART-C

Pollution generated

Sr. No.	Pollutants	Quantity Of pollution (mass per day avg.)	Quality Of pollution	Percentage variation from prescribed standard with reasons
(a)	Water			
Analysis reports are attached herewith				
(b)	Air			
Analysis reports are attached herewith				

PART-D

Hazardous Waste

(As specified under Hazardous Waste Management & Handling Rules)

Sr. No.	Hazardous Waste	Total Qty. (MT) during	
		Previous financial year	Current financial year
a	Process Residue	46.625 MT	61.245 MT
b	Land Filling Waste (From Sludge Drying Bed)	15.765 MT	8.02 MT
c	1. Quantity recycled or re- utilized (Used Oil)	0	0.305 MT
3	2. Discarded Containers	16.76 MT	18.395

PART-E

Solid Waste

Sr. No.	Solid Wastes	Total Qty. (MT) during	
		Previous financial year	Current financial year
a	From Process		
	NIL	NIL	NIL
b	From pollution control facilities	NIL	NIL
c	Solid (TSDF)	15.765	10.275 MT

PART-F

Please specify the characteristics (in terms of composition & quantum) of solid as well as hazardous waste and indicate disposal practice adopted for these categories of waste

Sr. No.	Waste	Characterist.	Category of HZW as per Schedule	Facility
1	Chemical Sludge from Waste water treatment	Semi solid-Organic	35.3 - I	Collection, Storage, Transportation, Disposal at TSDF.
2	Process Waste	Solid - Organic	28.1 - I	Collection, Storage, Transportation, Disposal to TSDF, pre-processing for co-processing.
3	Used Spent Oil	Solid-Inorganic	5.1 - I	Collection, Storage, Transportation, Disposal by selling to authorized refiner.
4	Discarded liners, bags	Solid-Inorganic	33.1 - I	Collection, Storage, Transportation for sale to authorised recycler or disposal at authorised common TSDF or common TSDF of SEZ or co-incineration at
5	Discarded Drums	Solid-Inorganic	33.1 - I	Collection, storage, Transportation, Disposal by selling to vendors.
6	Waste containing oil	Spent Carbon with Filter Aid	35.3 I	Collection, Storage, Transportation, Disposal at authorised TSDF.
7	Insulation Waste	Solid-Inorganic	---	Collection, Storage, Transportation, Disposal by sale to authorized recycler or user or authorized recycler or

PART-G

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

- Utilization of 3000 KL rain water collected in Rain Water reservoir during Monsoon
- Installation of wet scrubber on dry plant stack to after cyclone separator to enhance APCM efficiency.
- 11200 trees planted as Corporate social responsibility during this year.
- A total of 6000 no's of trees i.e. neem have been planted across the unit.
- Level controller is installed in ETP for tanker filling to prevent spillage of effluent due to human error

PART-H

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

- Plantation of 6000 trees.
- Coprocessing of Hazardous wastes.
- Storm drain line construction is under progress or prevention of rain water contamination in plant premises.
- New RWH system of higher volume capability is under construction for recharging ground table.
- Upgradation of ETP Sludge drying & storage facility.

PART-I

Any other particulars for improving the quality of environment

- Plantation of 6000 trees.
- Coprocessing of Hazardous wastes.
- Above ground fire hydrant network to prevent water loss due to leakages.
- Installation of wet scrubber at dry plant to increase the efficiency of APCM.



26/9/23

Gurish Khosla
Senior Director & Site Head - Savli

Annexure - I

Sr. No.	Name of Finished Products	Production Quantity MT/Yr 2021-2022	Production Quantity MT/Yr 2022-2023	Name of RM	Consumption of RM 2021-2022	Consumption of RM 2022-2023
1	Liquid Choline Chloride (Feed Grade)	11568	12468.3	A) Ethylene Oxide	2778.232	2997.884
				B) Tri Methyl Amine	3695.422	3998.099
				C) HCl	7065.47	7612.162
2	Dry Choline Chloride	12125	11398.6	A) Liquid Choline Chloride	9827.784	9235.605
				B) Cob Carrier	5229.796	4965.4416
3	Corn cob Carrier	3205	3177.056	A) Corn cob	4578.709	4167.454
4	Animal Feed Premix	1936.67	2261	A) Trace mineral (Feed)	1065.1685	1243.55
				B) Feed Nutrients	871.5015	1017.45
5	Ethylene Oxide and	266.22	49.945	A) Ethylene Oxide	70.745	23.7695
				B) Carbon Dioxide	214.707	32.405
6	Chlormequate Chloride (Choline Dichloride)	0	0	A) Ethylene Dichloride	0	0
				B) Tri Methyl Amine	0	0
				C) Water (DM)	0	0
7	Oil Field Chemicals	0	0	A) DM Water	0	0
				B) Max. Quat -50	0	0
				C) RS - 0579	0	0
				D) RS - 9129	0	0
8	Ethoxylates of Nonyl phenol,	0	0	A) Nonyl Phenole	0	0
				B) Ethylene Oxide	0	0
9	Acidifier Liquid	0	0	A) Formic Acid	0	0
				B) Propionic Acid	0	0
				C) Ammonia Solution	0	0
10	Acidifier Powder Dry Base	0	0	A) Acidifier Liquid	0	0
				B) Corn Cob Powder	0	0
				C) Rice Husk Powder	0	0

*Data of FY21-22 is corrected.



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Phone : (O) 0265 - 6131000, 6131001

**ENVIRONMENTAL MONITORING REPORT****LABORATORY TEST REPORT - EFFLUENT**

REPORT NO.: MAR23/100/13 (ULR- TC709923000006218F)

SAMPLE DETAILS

1.	Name & Address of Client: M/s. Jubilant Ingrevia Limited Block No 133, Village: Samlaya, Tal: Savli, - 391520, Dist: Vadodara.	3.	Client Representative: Mr.Utkarsh Sharma
2.	Sample ID: 2252808246 - 100MR23EF03	4.	Sample Collected By: Mr. Gaurang Rana
4.	Sample Date: 17.03.2023	5.	Analysis Completed on: 01.04.2023
6.	Analysis commenced on: 23.03.2023	7.	Discipline: Chemical
8.	Reporting Date: 04.04.2023	9.	Group: Pollution and Environment
10.	Packing Condition & Quantity: Sealed ✓	11.	Product: Waste Water
12.	Sampling Location: Final Treated Effluent	13.	Sample Received Date : 23.03.2023
14.	Sampling Method: IS:3025 (Part 1)-1987	15.	

TEST RESULTS

S.No.	Parameters	Unit (SI)	Results	Specification/SPCB Norms/BIS Standards	Method Used
1.	pH		7.13	5 to 9	APHA 23rd Edition 4500-H+ B
2.	Suspended Solids	mg/L	13	600	APHA 23rd Edition 2540 D
3.	Total Dissolved Solids	mg/L	3412	-	APHA 23rd Edition 2540 C
4.	COD	mg/L	176	2000	APHA 23rd Edition 5220 B
5.	Chlorides	mg/L	2154	-	APHA 23rd Edition 4500 Cl- B
6.	Ammonical Nitrogen	mg/L	<0.05	50	IS 3025 (PP 34): 1988
7.	Sulphates	mg/L	333	-	APHA 23rd Edition 4500 SO ⁴ E
8.	Sulphide	mg/L	4	2	IS 3025 (Part - 29): 1986
9.	Phenolic Compound	mg/L	<0.02	5	APHA 23rd Edition 5530 D
10.	Temperature	°C	28.4	45	APHA 23rd Edition 2550- B
11.	Colour	Pt-CO	5	-	APHA 23rd Edition 2120 B
12.	BOD	mg/L	56	500	IS 3025 (Part 44) : 1993
13.	Oil & Grease	mg/L	<1	20	APHA 23rd Edition 5520 B
14.	Fluoride	mg/L	1.28	2	APHA 23rd Edition 4500 F-D
15.	Total Chromium	mg/L	<0.02	2	APHA 23rd Edition 3500 Cr - B
16.	Hexavalent Chromium	mg/L	<0.02	1	APHA 23rd Edition 3500 Cr - B
17.	Copper	mg/L	<0.03	2	APHA 23rd Edition 3111 B
18.	Zinc	mg/L	<0.03	5	APHA 23rd Edition 3111 B
19.	Nickel	mg/L	<0.02	5	APHA 23rd Edition 3111 B
20.	Mercury	mg/L	N.D.	0.01	APHA 23rd Edition 3112-B
21.	Lead	mg/L	<0.02	0.2	APHA 23rd Edition 3111 B
22.	Arsenic	mg/L	<0.01	0.1	APHA 23rd Edition 3500 As - B
23.	Cadmium	mg/L	<0.01	2	APHA 23rd Edition 3111 B
24.	SAR		3.66	-	LAB-SOP-138
25.	Bio - Assay Test		Pass	90% survival of fish after 96 hrs in 100% effluent.	IS 6582 (Part-2): 2001

Remark : N.D. - Not Detected

Authorised By -

Name : Sapana Amin

Designation : Lab Incharge

NOTE:

- 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.
- 2) Re analysis of sample will be done, if requested within 15 days from the date of Reporting of sample if the samples are not consumed during analysis.
- 3) The results reported above relate to the sample identified under Sample Details.

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

TEST REPORT FORMAT - EFFLUENT

DOC. NO.: LAB-FMT-050	Issue No.: 02	Revision No.: 04
Effective Date: 01.03.2021	Issue Date: 01-01-2015	Revision Date: 01.03.2021

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Phone : (O) 0265 - 6131000, 6131001

**ENVIRONMENTAL MONITORING REPORT****LABORATORY TEST REPORT - STACK**

REPORT NO.: MAR23/100/03 (ULR- TC709923000006211F)

SAMPLE DETAILS

1.	Name & Address of Client: M/s. Jubilant Ingrevia Limited Block No 133, Village: Samlaya, Tal: Savli, – 391520, Dist: Vadodara.		
2.	Sample ID: 2252808246 – 100MR23SE03	3.	Client Representative: Mr.Utkarsh Sharma
4.	Sample Date: 21.03.2023	5.	Sampling Location: Premix Plant
6.	Sampling Time: 13:00 hr	7.	Sampling Duration: 20 Mins
8.	Analysis commenced on: 24.03.2023	9.	Analysis Completed on: 24.03.2023
10.	Reporting Date: 31.03.2023	11.	Discipline : Chemical
12.	Sample Collected By: Mr. Gaurang Rana	13.	Group : Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample:	Sampling Bottles: Sealed	Thimble:Packed✓ Bladder: Clamped
17.	Sample Received Date : 24.03.2023		

STACK DETAILS

S.No.	Parameters	Unit (SI)	Description
1.	Source		Premix Plant
2.	Height	m	9
3.	Diameter	mm	-
4.	Temperature	°c	38
5.	Velocity	m/s	10.73
6.	Type of fuel used		N.A
7.	Quantity of fuel used		N.A

TEST RESULTS

S. No.	Parameters	Unit (SI)	Results	Specification/ SPCB Norms/ BIS Standards	Method Used
1.	Particulate Matter	mg/Nm ³	29	150	IS 11255 (Part 1) : 1985

Remark :

Authorized By :

Name : Sapana Amin

Designation : Lab Incharge

- NOTE:
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 - 2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.
 - 3) The results reported above relate to the sample identified under Sample Details.

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

TEST REPORT FORMAT - STACK

DOC. NO.: LAB-FMT-052	Issue No.: 02	Revision No.: 03
Effective Date: 01.03.2021	Issue Date: 01-01-2015	Revision Date: 01.03.2021



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**ENVIRONMENTAL MONITORING REPORT****LABORATORY TEST REPORT - STACK**

REPORT NO.: MAR23/100/04 (ULR- TC709923000006212F)

SAMPLE DETAILS

1.	Name & Address of Client: M/s. Jubilant Ingrevia Limited Block No 133, Village: Samliya, Tal: Savli, - 391520, Dist: Vadodara.		
2.	Sample ID: 2252808246 - 100MR23SE04	3.	Client Representative: Mr.Utkarsh Sharma
4.	Sample Date: 21.03.2023	5.	Sampling Location: Com Cob Plant
6.	Sampling Time: 14:00 hr	7.	Sampling Duration: 20 Mins
8.	Analysis commenced on: 24.03.2023	9.	Analysis Completed on: 24.03.2023
10.	Reporting Date: 31.03.2023	11.	Discipline : Chemical
12.	Sample Collected By: Mr. Gaurang Rana	13.	Group : Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample:	Sampling Bottles: Sealed	Thimble:Packed✓ Bladder: Clamped
17.	Sample Received Date : 24.03.2023		

STACK DETAILS

S.No.	Parameters	Unit (SI)	Description
1.	Source		Com Cob Plant
2.	Height	m	9
3.	Diameter	mm	-
4.	Temperature	°C	39
5.	Velocity	m/s	5.75
6.	Type of fuel used		N.A
7.	Quantity of fuel used		N.A

TEST RESULTS

S. No.	Parameters	Unit (SI)	Results	Specification/ SPCB Norms/ BIS Standards	Method Used
1.	Particulate Matter	mg/Nm ³	18	150	IS 11255 (Part 1) : 1985

Remark :

Authorized By -

Name : Sapana Amin

Designation : Lab Incharge

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2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.
3) The results reported above relate to the sample identified under Sample Details.

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

TEST REPORT FORMAT - STACK

DOC. NO.: LAB-FMT-052	Issue No.: 02	Revision No.: 03
Effective Date: 01.03.2021	Issue Date: 01-01-2015	Revision Date: 01.03.2021

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ENVIRONMENTAL MONITORING REPORT



LABORATORY TEST REPORT - STACK

REPORT NO.: MAR23/100/05

SAMPLE DETAILS

1.	Name & Address of Client: M/s. Jubilant Ingrevia Limited Block No 133, Village: Samlaya, Tal: Savli, - 391520, Dist: Vadodara.		
2.	Sample ID: 2252808246 - 100MR23SE05	3.	Client Representative: Mr.Utkarsh Sharma
4.	Sample Date: 21.03.2023	5.	Sampling Location: Process Stack (Liquid Plant Scrubber)
6.	Sampling Time: 12:00 hr	7.	Sampling Duration: 60 Mins
8.	Analysis commenced on: 24.03.2023	9.	Analysis Completed on: 24.03.2023
10.	Reporting Date: 31.03.2023	11.	Discipline : Chemical
12.	Sample Collected By: Mr. Gaurang Rana	13.	Group : Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample:	Sampling Bottles: Sealed ✓	Thimble: Packed Bladder: Clamped
17.	Sample Received Date : 24.03.2023		

STACK DETAILS

S.No.	Parameters	Unit (SI)	Description
1.	Source		: Process Stack (Liquid Plant Scrubber)
2.	Height	m	: 7.1
3.	Diameter	mm	: -
4.	Temperature	°C	: 40
5.	Velocity	m/s	: 7.45
6.	Type of fuel used		: N.A
7.	Quantity of fuel used		: N.A

TEST RESULTS

S. No.	Parameters	Unit (SI)	Results	Specification/SPCB Norms/BIS Standards	Method Used
1.	HCL	mg/Nm ³	: 0.54	N.A	APHA 23 rd Edition: 4500 - Cl C

Remark :

Authorized By -

Name : Sapana Amin

Designation : Lab Incharge

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

TEST REPORT FORMAT - STACK		
DOC. NO.: LAB-FMT-052	Issue No.: 02	Revision No.: 03
Effective Date: 01.03.2021	Issue Date: 01-01-2015	Revision Date: 01.03.2021



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Phone : (O) 0265 - 6131000, 6131001**ENVIRONMENTAL MONITORING REPORT****LABORATORY TEST REPORT - STACK**

REPORT NO.: MAR23/100/01 (ULR- TC709923000006209F)

SAMPLE DETAILS

1.	Name & Address of Client: M/s. Jubilant Ingrevia Limited Block No 133, Village: Samlaya, Tal: Savli, - 391520, Dist: Vadodara.		
2.	Sample ID: 2252808246 - 100MR23SE01	3.	Client Representative: Mr.Utkarsh Sharma
4.	Sample Date: 21.03.2023	5.	Sampling Location: Boiler
6.	Sampling Time: 12:00 hr	7.	Sampling Duration: 20 Mins
8.	Analysis commenced on: 24.03.2023	9.	Analysis Completed on: 24.03.2023
10.	Reporting Date: 31.03.2023	11.	Discipline : Chemical
12.	Sample Collected By: Mr. Gaurang Rana	13.	Group : Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample:	Sampling Bottles: Sealed	Thimble: Packed✓ Bladder: Clamped
17.	Sample Received Date : 24.03.2023		

STACK DETAILS

S.No.	Parameters	Unit (SI)	Description
1.	Source		Boiler
2.	Height	m	30
3.	Diameter	mm	-
4.	Temperature	°c	179
5.	Velocity	m/s	6.71
6.	Type of fuel used		Agro Waste
7.	Quantity of fuel used	MT/month	21

TEST RESULTS

S. No.	Parameters	Unit (SI)	Results	Specification/ SPCB Norms/ BIS Standards	Method Used
1.	Particulate Matter	mg/Nm ³	39	150	IS 11255 (Part 1) : 1985
2.	Sulphur Dioxide(SO ₂)	ppm	9.05	100	IS 11255 (Part 2) : 1985
3.	Oxides of Nitrogen (NOx)	ppm	16.95	50	IS 11255 (Part 7) : 2005

Remark :

Authorized By -

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Designation : Lab Incharge

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3) The results reported above relate to the sample identified under Sample Details.

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

TEST REPORT FORMAT - STACK

DOC. NO.: LAB-FMT-052	Issue No.: 02	Revision No.: 03
Effective Date: 01.03.2021	Issue Date: 01-01-2015	Revision Date: 01.03.2021



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Phone : (O) 0265 - 6131000, 6131001

**ENVIRONMENTAL MONITORING REPORT****LABORATORY TEST REPORT - STACK**

REPORT NO.: MAR23/100/02 (ULR- TC709923000006210F)

SAMPLE DETAILS

1.	Name & Address of Client: M/s. Jubilant Ingrevia Limited Block No 133, Village: Samlaya, Tal: Savli, - 391520, Dist: Vadodara.		
2.	Sample ID: 2252808246 - 100MR23SE02	3.	Client Representative: Mr.Utkarsh Sharma
4.	Sample Date: 21.03.2023	5.	Sampling Location: Dry Plant (Combined Stack)
6.	Sampling Time: 15:30 hr	7.	Sampling Duration: 20 Mins
8.	Analysis commenced on: 24.03.2023	9.	Analysis Completed on: 24.03.2023
10.	Reporting Date: 31.03.2023	11.	Discipline : Chemical
12.	Sample Collected By: Mr. Gaurang Rana	13.	Group : Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample:	Sampling Bottles: Sealed	Thimble:Packed✓ Bladder: Clamped
17.	Sample Received Date : 24.03.2023		

STACK DETAILS

S.No.	Parameters	Unit (SI)	Description
1.	Source		: Dry Plant (Combined Stack)
2.	Height	m	: 13
3.	Diameter	mm	: -
4.	Temperature	°c	: 38
5.	Velocity	m/s	: 7.84
6.	Type of fuel used		: N.A
7.	Quantity of fuel used		: N.A

TEST RESULTS

S. No.	Parameters	Unit (SI)	Results	Specification/ SPCB Norms/ BIS Standards	Method Used
1.	Particulate Matter	mg/Nm ³	: 23	150	IS 11255 (Part 1) : 1985

Remark :

Authorized By -

Name : Sapana Amin

Designation : Lab Incharge

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

TEST REPORT FORMAT - STACK

DOC. NO.: LAB-FMT-052	Issue No.: 02	Revision No.: 03
Effective Date: 01.03.2021	Issue Date: 01-01-2015	Revision Date: 01.03.2021