

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/12

NAME & ADDRESS OF CUSTOMER	U.P Asbestos Limited Mohanlalganj, Distt. Lucknow (U.P.)	ULR No.	TC953923000003149F
		Test Report No.	ECO/LAB/AS/0320/3149/12/2023
		Issue Date of Test Report	11.12.2023
Type of Sample	Stack Emission		
Sample Registration No.	0320	Name of Location	Scrubber Milling Section-Plant I
Sampling Method	IS: 11255	Sample Collected By	ELPL Representative
Date of Sample Collection	04.12.2023	Time of Sample Collection	10.40 AM
Date of Sample Received	06.12.2023	Time of Sample Received	2.30 PM
Start Date of Analysis	06.12.2023	End Date of Analysis	11.12.2023
Weather Condition	Cloudy & Rainy	Sampling Duration	25.0 min
Environmental Condition	Temperature: 25 ± 2°C	Sample ID Code	ECO/LAB/3149/12/2023
	Humidity: 51%		
Instrument Name & Lab ID	Stack Kit	ECO/STACK/04 (Cal. Due on 01.06.2024)	
	Flue Gas Analyzer	-	

Stack Details

I) Above the Ground Level(m)	12.0	Ambient Temperature (°C)	25.0
II) Above the Platform(m)	8.4		
Material of Stack	MS	Stack Temperature (°C)	52.00
Stack Attached	Scrubber Milling Section-Plant I	Inside Diameter of Stack at sampling port (m)	0.25
Capacity of Scrubber	-	Cross Sectional Area of Stack (M ²)	0.049
Shape of Stack	Circular	Velocity of Flue Gas (m/sec.)	10.09
Type of Fuel Used	-	Flow Rate of Flue Gas (Nm ³ /sec.)	0.49
Fuel Consumption(L/hr.)	-	Pollution Control Unit	Wet Scrubber

S. No.	TEST PARAMETERS	Unit	PROTOCOL	Detection Range	RESULTS	Limit as per EC issued by MoEF/cc
1.	Total Dust	mg/m ³	IS:11255 (Part-1)	10-1000	1.41	2.0
2.	Fiber Count	(Fiber/cc)	IS 11450:2006	0.05-15.0	0.055	0.2

Statement of Conformity: Analyzed parameters in above tested sample are within standard limit as per MOEF/CC Guidelines.

Note:

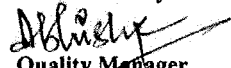
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3. The test samples will be disposed of after one Month from the date of issue of test report.

----End of Report----

Verified By


Technical Manager
(Vikas Kumar)

Authorized By


Quality Manager
(Abhishek Kumar Singh)



TEST REPORT

FORMAT NO. ECO/QS/FORMAT/12

NAME & ADDRESS OF CUSTOMER	U.P Asbestos Limited Mohanlalganj, Distt. Lucknow (U.P.)	ULR No.	TC953923000003150F
		Test Report No.	ECO/LAB/AS/0320/3150/12/2023
		Issue Date of Test Report	11.12.2023
Type of Sample	Stack Emission		
Sample Registration No.	0320	Name of Location	Scrubber Milling Section-Plant III
Sampling Method	IS: 11255	Sample Collected By	ELPL Representative
Date of Sample Collection	04.12.2023	Time of Sample Collection	11:50 AM
Date of Sample Received	06.12.2023	Time of Sample Received	02.30 PM
Start Date of Analysis	06.12.2023	End Date of Analysis	11.12.2023
Weather Condition	Cloudy & Rainy	Sampling Duration	31.0 min
Environmental Condition	Temperature: 25 ± 2°C	Sample ID Code	ECO/LAB/3150/12/2023
	Humidity: 51%		
Instrument Name & Lab ID	Stack Kit	ECO/STACK/04 (Cal. Due on 01.06.2024)	
	Flue Gas Analyzer	-	

Stack Details			
I) Above the Ground Level(m)	8.0	Ambient Temperature (°C)	24.0
II) Above the Platform(m)	3.0		
Material of Stack	MS	Stack Temperature (°C)	48.0
Stack Attached	Scrubber Milling Section-Plant III	Inside Diameter of Stack at sampling port(m)	0.8
Capacity of Cement feede	-	Cross Sectional Area of Stack (M ²)	0.50
Shape of Stack	Circular	Velocity of Flue Gas (m/sec.)	10.68
Type of Fuel Used	-	Flow Rate of Flue Gas (Nm ³ /sec.)	5.34
Fuel Consumption(L/hr.)	-	Pollution Control Unit	Wet Scrubber

S. No.	TEST PARAMETERS	Unit	PROTOCOL	Detection Range	RESULTS	Limit as per EC issued by MoEF/cc
1.	Total Dust	mg/m ³	IS:11255 (Part-1)	10-1000	1.44	2.0
2.	Fiber Count)	(Fiber/cc)	IS 11450:2006	0.05-15.0	0.052	0.2

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Verified By

Vikas Kumar
Technical Manager
(Vikas Kumar)

Authorized By

Abhishek Kumar Singh
Quality Manager
(Abhishek Kumar Singh)



TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	U.P Asbestos Limited. Mohanlalganj, Distt. Lucknow (U.P.)	ULR No.	TC953923000003157-3161F
		Test Report No.	ECO/LAB/WA/0320/3157-61/12/2023
		Issue Date of Test Report	11.12.2023
Type of Sample	Work Area		
Sample Registration No.	0320	Name of Location	-
Sampling Method	IS 11450 : 2006	Time of Sample Collection	11.43 AM
Date of Sample Collection	04.12.2023 to 05.12.2023	Time of Sample Receipt	02.30 PM
Date of Sample Received	06.12.2023	End Date of Analysis	11.12.2023
Start Date of Analysis	06.12.2023	Sampling Duration	4.0 Hrs.
Weather Condition	Cloudy& Rainy		
Environmental Condition	Temperature: 25 ± 2 °C	Sample ID Code	ECO/LAB/3157-3161/12/2023
	Humidity: 51%		
Instrument used	Personal Sampler ECO/AR/PS/01 (Date of Calibration:31.05.2024)		

S. No	Locations	Fiber Count (Fibers/cc)	Maximum allowable Limit (Fibers/cc)
1.0	Near BOD Plant -I	0.046	0.1
2.0	Fiber Milling Area Plant-III	0.050	0.1
3.0	Milling Area Plant-I	0.051	0.1
4.0	Shift In charge Cabin Plant-II	0.050	0.1
5.0	Milling Area Plant-III	0.048	0.1


Statement of Conformity: Analyzed parameters in above tested sample are within standard limit as per OSHA Guidelines

Note:

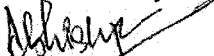
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Verified By


Technical Manager
(Vikas Kumar)

Authorized By


Quality Manager
(Abhishek Kumar Singh)



An approved Laboratory from Ministry of Environment, Forest and Climate Change, Govt. of India, New Delhi

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/13

NAME & ADDRESS OF CUSTOMER:	U.P Asbestos Limited. Mohanlalganj, Distt. Lucknow (U.P.)	ULR No.	TC953923000003154-56F
		Test Report No.	ECO/LAB/AN/0320/3154-56/12/2023
		Issue Date of Test Report	11.12.2023
Type of Sample	Ambient Noise		
Sample Registration No.	0320	Name of Location	-
Sampling Method	IS:9989	Sample Collected By	ELPL Representative
Date of Sample Collection	04.12.2023 to 05.12.2023	Time of Sample Collection	09.30 AM
Date of Sample Received	06.12.2023	Time of Sample Receipt	02.30 PM
Start Date of Analysis	06.12.2023	End Date of Analysis	11.12.2023
Weather Condition	Cloudy & Rainy	Sampling Duration	Hourly
Environmental Condition	Temperature: 25 ± 2 °C	Sample ID Code	ECO/LAB/3154-56/12/2023
	Humidity: 51 %		
Instrument Name & Lab ID	Sound Level Meter Lutron (ECO/AR/SLM/01) Due Date of Cal: 31.05.2024		

S. No.	Location	Leq Value in dB(A)	
		Day	Night
1.0	Near Main Gate	50.2	40.0
2.0	Near Pump House	55.9	39.50
3.0	Stock Yard	60.4	41.00

Noise (Ambient Standard)

Area Code	Category of area	Limit in dB (A) Leq
A	Industrial Area	75
		Day Time
		Night

Note:

1. Day time is reckoned in between 6:00 AM and 10:00 PM.
2. Night time is reckoned in between 10:00 PM and 6:00 AM
3. Silence zone is defined as area up to 100m around such premises as hospitals, educational institutions & courts. The silence zones are to be declared by a competent Authority.
4. Mixed categories of areas should be declared as one of the four above-mentioned categories by the competent authority and the corresponding standard shall apply

---End of Report---

Verified By

Vikas Kumar
Technical Manager
(Vikas Kumar)

Authorized By

Abhishek Kumar Singh
Quality Manager
(Abhishek Kumar Singh)



TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	U.P Asbestos Limited. Mohanlalganj, Distt. Lucknow (U.P.)	ULR No.	TC953923000003143F
		Test Report No.	ECO/LAB/AA/0320/3143/12/2023
		Issue Date of Test Report	11.12.2023
Type of Sample	Ambient Air Sample		
Sample Registration No.	0320	Name of Location	Near Main Gate
Sampling Method	As per Reference Method	Sample Collected By	ELPL Representative
Date of Sample Collection	04.12.2023 to 05.12.2023	Time of Sample Collection	09:20 AM
Date of Sample Received	06.12.2023	Time of Sample Receipt	14.30 PM
Start Date of Analysis	06.12.2023	End Date of Analysis	11.12.2023
Weather Condition	Cloudy & Rainy	Sampling Duration	-
Environmental Condition	Temperature: 25 ± 2 °C	Sample ID Code	ECO/LAB/3143/12/2023
	Humidity: 51 %		
Instrument used and Cal. status	Envirotech (ECO/AR/RDS/01 and ECO/AR/FDS/15) 31.05.2024		

S. No.	TEST PARAMETERS	PROTOCOL	DETECTION RANGE	RESULTS	Limit as per National Ambient Air Quality Standards
1.	Particulate Matter (PM ₁₀) µg/m ³	IS:5182(Part-23):2006 RA:2022	10-1000	72.14	100
2.	Particulate Matter (PM _{2.5}) µg/m ³	IS:5182(Part-24)RA:2019	10-1000	32.53	60
3.	Sulphur Di-Oxide (SO ₂) µg/m ³	IS:5182 (Part-2):2001	2-200	14.00	80
4.	Nitrogen Di-Oxide (NO ₂) µg/m ³	IS:5182 (Part-6):2006 RA:2022	6-200	24.15	80
5.	Ammonia (NH ₃) µg/m ³	IS 5182:Part 25 RA:2018	2-700	9.87	400
6.	Ozone(O ₃) µg/m ³	IS 5182:(Part 9):1974Ref:2019	2-200	12.88	180
7.	Lead(Pb) µg/m ³	IS 5182:(Part 22):2004,Ref:2019	1-100	<1.0	1.0
8.	Arsenic (As) ng/m ³	Lab SOP No.26 Issue No.01 June 22:2016	1-100	<1.0	06
9.	Nickel(Ni) ng/m ³	IS 5182:Part26:2020	1-100	<1.0	20
10.	Carbon mono-oxides as CO (mg/m ³)	IS:5182 (Part-10):1999 Ref:2019	0.1-200	0.41	04


Statement of Conformity: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Note:

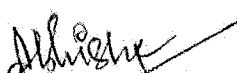
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Verified By


Technical Manager
(Vikas Kumar)

Authorized By


Quality Manager
(Abhishek Kumar Singh)



TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	U.P Asbestos Limited. Mohanlalganj, Distt. Lucknow (U.P.)	Test Report No.	ECO/LAB/AA/0320/3143/12/2023
Type of Sample	Ambient Air Sample	Issue Date of Test Report	11.12.2023
Sample Registration No.	0320	Name of Location	Near Main Gate
Sampling Method	As per Reference Method	Sample Collected By	ELPL Representative
Date of Sample Collection	04.12.2023 to 05.12.2023	Time of Sample Collection	10:20 AM
Date of Sample Received	06.12.2023	Time of Sample Receipt	14.30 PM
Start Date of Analysis	06.12.2023	End Date of Analysis	11.12.2023
Weather Condition	Cloudy & Rainy	Sampling Duration	-
Environmental Condition	Temperature: 25 ± 2 °C Humidity: 51 %	Sample ID Code	ECO/LAB/3143/12/2023
Instrument used and Cal. status	Envirotech (ECO/AR/RDS/01 and ECO/AR/FDS/15) 31.05.2024		

S. No.	TEST PARAMETERS	PROTOCOL	DETECTION RANGE	RESULTS	Limit as per National Ambient Air Quality Standards
1.	C ₆ H ₆ (µg/m ³)	IS:5182(Part-11)	0.01-100	<0.01	05
2.	BaP (ng/m ³)	IS:5182(Part-12)	0.01-100	<0.01	01


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NAME & ADDRESS OF CUSTOMER:	U.P Asbestos Limited. Mohanlalganj, Distt. Lucknow (U.P.)	ULR No.	TC953923000003144F
		Test Report No.	ECO/LAB/AA/0320/3144/12/2023
		Issue Date of Test Report	11.12.2023
Type of Sample	Ambient Air Sample		
Sample Registration No.	0320	Name of Location	Loading Area
Sampling Method	As per Reference Method	Sample Collected By	ELPL Representative
Date of Sample Collection	04.12.2023 to 05.12.2023	Time of Sample Collection	10:40 AM
Date of Sample Received	06.12.2023	Time of Sample Receipt	14.30 PM
Start Date of Analysis	06.12.2023	End Date of Analysis	11.12.2023
Weather Condition	Cloudy & Rainy	Sampling Duration	-
Environmental Condition	Temperature: 25 ± 2 °C	Sample ID Code	ECO/LAB/3144/12/2023
	Humidity: 51 %		
Instrument used and Cal. status	Envirotech (ECO/AR/RDS/01 and ECO/AR/FDS/15)		
	31.05.2024		

S. No.	TEST PARAMETERS	PROTOCOL	DETECTION RANGE	RESULTS	Limit as per National Ambient Air Quality Standards
1.	Particulate Matter (PM ₁₀) µg/m ³	IS:5182(Part-23):2006 RA:2022	10-1000	65.21	100
2.	Particulate Matter (PM _{2.5}) µg/m ³	IS:5182(Part-24)RA:2019	10-1000	30.14	60
3.	Sulphur Di-Oxide (SO ₂) µg/m ³	IS:5182 (Part-2):2001	2-200	10.57	80
4.	Nitrogen Di-Oxide (NO ₂) µg/m ³	IS:5182 (Part-6):2006 RA:2022	6-200	16.81	80
5.	Ammonia (NH ₃)µg/m ³	IS 5182:Part 25 RA:2018	2-700	8.15	400
6.	Ozone(O ₃) µg/m ³	IS 5182:(Part 9):1974Ref:2019	2-200	11.63	180
7.	Lead(Pb) µg/m ³	IS 5182:(Part 22):2004,Ref:2019	1-100	<1.0	1.0
8.	Arsenic (As) ng/m ³	Lab SOP No.26 Issue No.01 June 22:2016	1-100	<1.0	06
9.	Nickel(Ni) ng/m ³	IS 5182:Part26:2020	1-100	<1.0	20
10.	Carbon mono-oxides as CO (mg/m ³)	IS:5182 (Part-10):1999 Ref:2019	0.1-200	0.40	04

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Note:

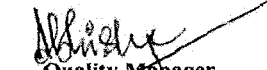
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Technical Manager
(Vikas Kumar)

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TEST REPORT

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NAME & ADDRESS OF CUSTOMER:	U.P Asbestos Limited. Mohanlalganj, Distt. Lucknow (U.P.)	Test Report No.	ECO/LAB/AA/0320/3144/12/2023
Type of Sample	Ambient Air Sample	Issue Date of Test Report	11.12.2023
Sample Registration No.	0320	Name of Location	Loading Area
Sampling Method	As per Reference Method	Sample Collected By	ELPL Representative
Date of Sample Collection	4.12.2023 to 05.12.2023	Time of Sample Collection	10:40AM
Date of Sample Received	06.12.2023	Time of Sample Receipt	02.30 PM
Start Date of Analysis	06.12.2023	End Date of Analysis	11.12.2023
Weather Condition	Cloudy & Rainy	Sampling Duration	-
Environmental Condition	Temperature: 25 ± 2 °C Humidity: 51 %	Sample ID Code	ECO/LAB/3144/12/2023
Instrument used and Cal. status	Envirotech (ECO/AR/RDS/01 and ECO/AR/FDS/15) 31.05.2024		

S. No.	TEST PARAMETERS	PROTOCOL	DETECTION RANGE	RESULTS	Limit as per National Ambient Air Quality Standards
1.	C ₆ H ₆ (µg/m ³)	IS:5182(Part-11)	0.01-100	<0.01	05
2.	BaP (ng/m ³)	IS:5182(Part-12)	0.01-100	<0.01	01

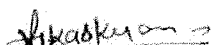
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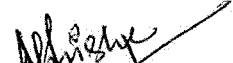
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		Test Report No.	ECO/LAB/AA/0203/3145/12/2023
		Issue Date of Test Report	11.12.2023
Type of Sample	Ambient Air Sample		
Sample Registration No.	0320	Name of Location	Near Pump House
Sampling Method	As per Reference Method	Sample Collected By	ELPL Representative
Date of Sample Collection	05.12.2023 to 06.12.2023	Time of Sample Collection	11:05 AM
Date of Sample Received	06.12.2023	Time of Sample Receipt	02.30 PM
Start Date of Analysis	06.12.2023	End Date of Analysis	11.12.2023
Weather Condition	Cloudy & Rainy	Sampling Duration	-
Environmental Condition	Temperature: 25 ± 2 °C	Sample ID Code	ECO/LAB/3145/12/2023
	Humidity: 51 %		
Instrument used and Cal. status	Envirotech (ECO/AR/RDS/02 and ECO/AR/FDS/14) 31.05.2024		

S. No.	TEST PARAMETERS	PROTOCOL	DETECTION RANGE	RESULTS	Limit as per National Ambient Air Quality Standards
1.	Particulate Matter (PM ₁₀) µg/m ³	IS:5182(Part-23):2006 RA:2022	10-1000	57.91	100
2.	Particulate Matter (PM _{2.5}) µg/m ³	IS:5182(Part-24)RA:2019	10-1000	27.0	60
3.	Sulphur Di-Oxide (SO ₂) µg/m ³	IS:5182 (Part-2):2001	2-200	11.90	80
4.	Nitrogen Di-Oxide (NO ₂) µg/m ³	IS:5182 (Part-6):2006 RA:2022	6-200	22.14	80
5.	Ammonia (NH ₃)µg/m ³	IS 5182:Part 25 RA:2018	2-700	7.68	400
6.	Ozone(O ₃) µg/m ³	IS 5182:(Part 9):1974Ref:2019	2-200	10.0	180
7.	Lead(Pb) µg/m ³	IS 5182:(Part 22):2004,Ref:2019	1-100	<1.0	1.0
8.	Arsenic (As) ng/m ³	Lab SOP No.26 Issue No.01 June 22:2016	1-100	<1.0	06
9.	Nickel(NI) ng/m ³	IS 5182:Part26:2020	1-100	<1.0	20
10.	Carbon mono-oxides as CO (mg/m3)	IS:5182 (Part-10):1999 Ref:2019	0.1-200	0.38	04


Statement of Conformity: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Note:

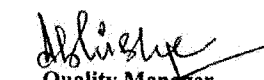
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(Vikas Kumar)

Authorized By


Quality Manager
(Abhishek Kumar Singh)



TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	U.P Asbestos Limited. Mohanlalganj, Distt. Lucknow (U.P.)	Test Report No.	ECO/LAB/AA/0320/3145/12/2023
Type of Sample	Ambient Air Sample	Issue Date of Test Report	11.12.2013
Sample Registration No.	0320	Name of Location	Near Pump House
Sampling Method	As per Reference Method	Sample Collected By	ELPL Representative
Date of Sample Collection	05.12.2023 to 06.12.2023	Time of Sample Collection	11:05 AM
Date of Sample Received	06.12.2023	Time of Sample Receipt	02.30PM
Start Date of Analysis	06.12.2023	End Date of Analysis	11.12.2023
Weather Condition	Cloudy & Rainy	Sampling Duration	-
Environmental Condition	Temperature: 25 ± 2 °C Humidity: 51 %	Sample ID Code	ECO/LAB/3145/12/2023
Instrument used and Cal. status	Envirotech (ECO/AR/RDS/02 and ECO/AR/FDS/14) 31.05.2024		

S. No.	TEST PARAMETERS	PROTOCOL	DETECTION RANGE	RESULTS	Limit as per National Ambient Air Quality Standards
1.	C ₆ H ₆ (µg/m ³)	IS:5182(Part-11)	0.01-100	<0.01	05
2.	BaP (ng/m ³)	IS:5182(Part-12)	0.01-100	<0.01	01

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Technical Manager
(Vikas Kumar)

Authorized By

Abhishek Kumar Singh
Quality Manager
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TEST REPORT

NAME & ADDRESS OF CUSTOMER:	U.P Asbestos Limited. Mohanlalganj, Distt. Lucknow (U.P.)	ULR No.	FORMAT NO. ECO/QS/FORMAT/10 TC953923000003146F
		Test Report No.	ECO/LAB/AA/0320/3146/12/2023
		Issue Date of Test Report	11.12.2023
Type of Sample	Ambient Air Sample	Name of Location	Near Stock Yard
Sample Registration No.	0320	Sample Collected By	ELPL Representative
Sampling Method	As per Reference Method	Time of Sample Collection	11:20 AM
Date of Sample Collection	05.12.2023 to 06.12.2023	Time of Sample Receipt	02:30 PM
Date of Sample Received	06.12.2023	End Date of Analysis	11.12.2023
Start Date of Analysis	06.12.2023	Sampling Duration	-
Weather Condition	Cloudy & Rainy	Sample ID Code	ECO/LAB/3146/12/2023
Environmental Condition	Temperature: 25 ± 2 °C Humidity: 50 %		
Instrument used and Cal. status	Envirotech (ECO/AR/RDS/02 and ECO/AR/FDS/14) 31.05.2024		

S. No.	TEST PARAMETERS	PROTOCOL	DETECTION RANGE	RESULTS	Limit as per National Ambient Air Quality Standards
1.	Particulate Matter (PM ₁₀) µg/m ³	IS:5182(Part-23):2006 RA:2022	10-1000	61.13	100
2.	Particulate Matter (PM _{2.5}) µg/m ³	IS:5182(Part-24)RA:2019	10-1000	28.67	60
3.	Sulphur Di-Oxide (SO ₂) µg/m ³	IS:5182 (Part-2):2001	2-200	9.01	80
4.	Nitrogen Di-Oxide (NO ₂) µg/m ³	IS:5182 (Part-6):2006 RA:2022	6-200	16.90	80
5.	Ammonia (NH ₃) µg/m ³	IS 5182:Part 25 RA:2018	2-700	<2.00	400
6.	Ozone(O ₃) µg/m ³	IS 5182:(Part 9):1974Ref:2019	2-200	11.00	180
7.	Lead(Pb) µg/m ³	IS 5182:(Part 22):2004,Ref:2019	1-100	<1.0	1.0
8.	Arsenic (As) ng/m ³	Lab SOP No.26 Issue No.01	1-100	<1.0	06
9.	Nickel(Ni) ng/m ³	IS 5182:Part 26:2020	1-100	<1.0	20
10.	Carbon mono-oxides as CO(mg/m ³)	IS:5182 (Part-10):1999 Ref:2019	0.1-200	0.34	04

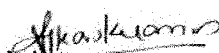
Statement of Conformity: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Note:

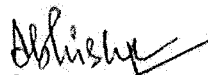
1. Test results relate to the items sampled & tested.
2. Test report shall not be reproduced except in full without approval of the laboratory.
3. The test samples will be disposed of after one Month from the date of issue of test report.

---End of Report---

Verified By


Technical Manager
(Vikas Kumar)

Authorized By


Quality Manager
(Abhishek Kumar Singh)



TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	U.P Asbestos Limited. Mohanlalganj, Distt. Lucknow (U.P.)	Test Report No.	ECO/LAB/AA/0320/3146/12/2023
Type of Sample	Ambient Air Sample	Issue Date of Test Report	11.12.2023
Sample Registration No.	0320	Name of Location	Near Stock Yard
Sampling Method	As per Reference Method	Sample Collected By	ELPL Representative
Date of Sample Collection	05.12.2023 to 06.12.2023	Time of Sample Collection	11:20 AM
Date of Sample Received	06.12.2023	Time of Sample Receipt	02:30 PM
Start Date of Analysis	06.12.2023	End Date of Analysis	11.12.2023
Weather Condition	Cloudy & Rainy	Sampling Duration	-
Environmental Condition	Temperature: 25 ± 2 °C Humidity: 50 %	Sample ID Code	ECO/LAB/3146/12/2023
Instrument used and Cal. status	Envirotech (ECO/AR/RDS/02 and ECO/AR/FDS/14) 31.05.2024		

S. No.	TEST PARAMETERS	PROTOCOL	DETECTION RANGE	RESULTS	Limit as per National Ambient Air Quality Standards
1.	C ₆ H ₆ (µg/m ³)	IS:5182(Part-11)	0.01-100	<0.01	05
2.	BaP (ng/m ³)	IS:5182(Part-12)	0.01-100	<0.01	01

Statement of Conformity: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

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---End of Report---

Verified By

Vikas Kumar
Technical Manager
(Vikas Kumar)

Authorized By

Abhishek Kumar Singh
Quality Manager
(Abhishek Kumar Singh)



TEST REPORT

FORMAT NO. ECO/QS/FORMAT/12

NAME & ADDRESS OF CUSTOMER	U.P Asbestos Limited Mohanlalganj, Distt. Lucknow (U.P.)	ULR No.	TC953923000003147F
		Test Report No.	ECO/LAB/AS/0320/3147/12/2023
		Issue Date of Test Report	11.12.2023
Type of Sample	Stack Emission		
Sample Registration No.	0320	Name of Location	DG Set-1250 KVA
Sampling Method	IS: 11255	Sample Collected By	ELPL Representative
Date of Sample Collection	05.12.2023	Time of Sample Collection	10.00 AM
Date of Sample Received	06.12.2023	Time of Sample Received	02.30 PM
Start Date of Analysis	06.12.2023	End Date of Analysis	11.12.2023
Weather Condition	Cloudy & Rainy	Sampling Duration	30.0 min
Environmental Condition	Temperature: 25 ± 2°C	Sample ID Code	ECO/LAB/3147/12/2023
	Humidity: 51%		
Instrument Name & Lab ID	Stack Kit	ECO/STACK/04 (Cal. Due on 01.06.2024)	
	Flue Gas Analyzer	-	

Stack Details			
I) Above the Ground Level(m)	13.0	Ambient Temperature (°C)	26.0
II) Above the Platform(m)	6.0		
Material of Stack	MS	Stack Temperature (°C)	265.0
Stack Attached	DG Set-1250 KVA	Inside Diameter of Stack at sampling port (m)	0.25
Capacity of DG Set	1250 KVA	Cross Sectional Area of Stack (M ²)	0.049
Shape of Stack	Circular	Velocity of Flue Gas (m/sec.)	13.92
Type of Fuel Used	HSD	Flow Rate of Flue Gas (Nm ³ /sec.)	0.68
Fuel Consumption(L/hr.)	120.0	Pollution Control Unit	-

Sl. No.	TEST PARAMETERS	Unit	PROTOCOL	Detection Range	RESULTS	Limit as per EC issued by MoEF/CC
1.	Particulate Matter (PM)	mg/Nm ³	IS 11255:Part 1:1985(Reaff.:2019)	10-1000	46.61	75.0
2.	Sulphur Dioxide (SO ₂)	mg/Nm ³	IS 11255:Part 2:1985 (Reaff.:2019)	5-1000	14.90	-
3.	Nitrogen Oxides (NO _x)	mg/Nm ³	IS 11255:Part 7(RA:2022)	10-1000	216.42	360
4.	Carbon Monoxide(CO)	%	13270:1992 (RA:2019)	4-50	5.8	-

Statement of Conformity: Analyzed parameters in above tested sample are within standard limit as per MOEF/CC Guidelines.

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----End of Report----

Verified By

(Signature)
Technical Manager
(Vikas Kumar)

Authorized By

(Signature)
Quality Manager
(Abhishek Kumar Singh)



TEST REPORT

FORMAT NO. ECO/QS/FORMAT/12

NAME & ADDRESS OF CUSTOMER	U.P Asbestos Limited Mohanlalganj, Distt. Lucknow (U.P.)	Test Report No.	ECO/LAB/AS/0320/3147/12/2023
		Issue Date of Test Report	11.12.2023
Type of Sample	Stack Emission		
Sample Registration No.	0320	Name of Location	DG Set-1250 KVA
Sampling Method	IS: 11255	Sample Collected By	ELPL Representative
Date of Sample Collection	05.12.2023	Time of Sample Collection	10.00 AM
Date of Sample Received	06.12.2023	Time of Sample Received	02.30 PM
Start Date of Analysis	06.12.2023	End Date of Analysis	11.12.2023
Weather Condition	Cloudy & Rainy	Sampling Duration	30.0 min
Environmental Condition	Temperature: 25 ± 2°C	Sample ID Code	ECO/LAB/3147/12/2023
	Humidity: 51%		
Instrument Name & Lab ID	Stack Kit	ECO/STACK/04 (Cal. Due on 01.06.2024)	
	Flue Gas Analyzer	-	

Stack Details

I) Above the Ground Level(m)	13.0	Ambient Temperature (°C)	26.0
II) Above the Platform(m)	6.0		
Material of Stack	MS	Stack Temperature (°C)	265.0
Stack Attached	DG Set-1250 KVA	Inside Diameter of Stack at sampling port (m)	0.25
Capacity of DG Set	1250 KVA	Cross Sectional Area of Stack (M²)	0.049
Shape of Stack	Circular	Velocity of Flue Gas (m/sec.)	13.92
Type of Fuel Used	HSD	Flow Rate of Flue Gas (Nm³/sec.)	0.68
Fuel Consumption(L/hr.)	120.0	Pollution Control Unit	-

S. No.	TEST PARAMETERS	Unit	PROTOCOL	RESULTS	Limit as per EC issued by MoEF/cc
1.	Non Methane Hydrocarbon (NMHC)	mg/Nm³	IS13270:1992 (Reaf Year:2019)	11.23	100

Statement of Conformity: Analyzed parameters in above tested sample are within standard limit as per MOEF/CC Guidelines.

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----End of Report----

Verified By

(Signature)
Technical Manager
(Vikas Kumar)

Authorized By

(Signature)
Quality Manager
(Abhishek Kumar Singh)



TEST REPORT

FORMAT NO. ECO/QS/FORMAT/12

NAME & ADDRESS OF CUSTOMER	U.P Asbestos Limited Mohanlalganj, Distt. Lucknow (U.P.)	ULR No.	TC953923000003148F
		Test Report No.	ECO/LAB/AS/0320/3148/12/2023
		Issue Date of Test Report	11.12.2023
Type of Sample	Stack Emission		
Sample Registration No.	0320	Name of Location	DG Set-625 KVA
Sampling Method	IS: 11255	Sample Collected By	ELPL Representative
Date of Sample Collection	05.12.2023	Time of Sample Collection	10.15AM
Date of Sample Received	06.12.2023	Time of Sample Received	02.30 PM
Start Date of Analysis	06.12.2023	End Date of Analysis	11.12.2023
Weather Condition	Cloudy &Rainy	Sampling Duration	45.0 min
Environmental Condition	Temperature: 25 ± 2°C	Sample ID Code	ECO/LAB/3148/12/2023
	Humidity: 50%		
Instrument Name & Lab ID	Stack Kit	ECO/STACK/04 (Cal. Due on 01.06.2024).	
	Flue Gas Analyzer	-	

Stack Details			
I) Above the Ground Level(m)	11.50	Ambient Temperature (°C)	26.0
II) Above the Platform(m)	4.0		
Material of Stack	MS	Stack Temperature (°C)	224.0
Stack Attached	DG Set-625 KVA	Inside Diameter of Stack at sampling port (m)	0.20
Capacity of DG Set	625 KVA	Cross Sectional Area of Stack (M ²)	0.0314
Shape of Stack	Circular	Velocity of Flue Gas (m/sec.)	13.18
Type of Fuel Used	HSD	Flow Rate of Flue Gas (Nm ³ /sec.)	0.41
Fuel Consumption(L/hr.)	90.0	Pollution Control Unit	-

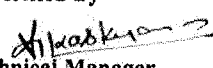
Sl. No.	TEST PARAMETERS	Unit	PROTOCOL	Detection Range	RESULTS	Limit as per EC issued by MoEF/CC
1.	Particulate Matter (PM)	mg/Nm ³	IS 11255:Part 1:1985(Reaff.:2019)	10-1000	39.14	75.0
2.	Sulphur Dioxide (SO ₂)	mg/Nm ³	IS 11255:Part 2:1985 (Reaff.:2019)	5-1000	12.54	-
3.	Nitrogen Oxides (NO _x)	mg/Nm ³	IS 11255:Part 7(RA:2022)	10-1000	183.40	360
4.	Carbon Monoxide(CO)	%	IS 13270:1992 (RA:2019)	4-50	5.2	-

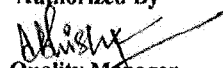
Statement of Conformity: Analyzed parameters in above tested sample are within standard limit as per MOEF/CC Guidelines.

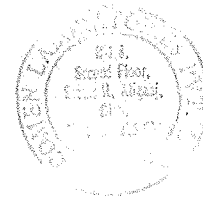
Note:

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---End of Report---

Verified By

Technical Manager
(Vikas Kumar)

Authorized By

Quality Manager
(Abhishek Kumar Singh)



TEST REPORT

FORMAT NO. ECO/QS/FORMAT/12

NAME & ADDRESS OF CUSTOMER	U.P Asbestos Limited Mohanlalganj, Distt. Lucknow (U.P.)	Test Report No.	ECO/LAB/AS/0320/3148/12/23
		Issue Date of Test Report	11.12.2023
Type of Sample	Stack Emission		
Sample Registration No.	0320	Name of Location	DG Set-625 KVA
Sampling Method	IS: 11255	Sample Collected By	ELPL Representative
Date of Sample Collection	05.12.2023	Time of Sample Collection	10.15AM
Date of Sample Received	06.12.2023	Time of Sample Received	02.30 PM
Start Date of Analysis	06.12.2023	End Date of Analysis	11.12.2023
Weather Condition	Cloudy & Rainy	Sampling Duration	45.0 min
Environmental Condition	Temperature: 25 ± 2°C Humidity: 51%	Sample ID Code	ECO/LAB/3148/12/2023
Instrument Name & Lab ID	Stack Kit Flue Gas Analyzer	ECO/STACK/04 (Cal. Due on 01.06.2024)	

Stack Details			
I) Above the Ground Level(m)	11.50	Ambient Temperature (°C)	26.0
II) Above the Platform(m)	4.0		
Material of Stack	MS	Stack Temperature (°C)	224.0
Stack Attached	DG Set-625 KVA	Inside Diameter of Stack at sampling port (m)	0.20
Capacity of DG Set	625 KVA	Cross Sectional Area of Stack (M ²)	0.0314
Shape of Stack	Circular	Velocity of Flue Gas (m/sec.)	13.18
Type of Fuel Used	HSD	Flow Rate of Flue Gas (Nm ³ /sec.)	0.41
Fuel Consumption(L/hr.)	90.0	Pollution Control Unit	-

Sl. No.	TEST PARAMETERS	Unit	PROTOCOL	RESULTS	Limit as per EC issued by MoEF/cc
1.	Non Methane Hydrocarbon (NMHC)	mg/Nm ³	IS13270:1992 (Reaffirmed Year:2019)	22.51	100


Statement of Conformity: Analyzed parameters in above tested sample are within standard limit as per MOEF/CC Guidelines.

Note:

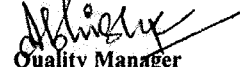
1. Test results relate to the items sampled & tested.
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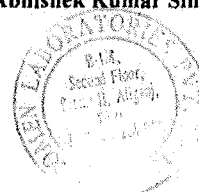
----End of Report----

Verified By


Technical Manager
(Vikas Kumar)

Authorized By


Quality Manager
(Abhishek Kumar Singh)



An approved Laboratory from Ministry of Environment, Forest and Climate Change, Govt. of India, New Delhi

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/12

NAME & ADDRESS OF CUSTOMER	U.P Asbestos Limited Mohanlalganj, Distt. Lucknow (U.P.)	ULR No.	TC953923000003153F
		Test Report No.	ECO/LAB/AS/0320/3153/12/2023
		Issue Date of Test Report	11.12.2023
Type of Sample	Stack Emission		
Sample Registration No.	0320	Name of Location	Cement Feeder Through Silo-Unit-1
Sampling Method	IS: 11255	Sample Collected By	ELPL Representative
Date of Sample Collection	05.12.2023	Time of Sample Collection	01.05 PM
Date of Sample Received	06.12.2023	Time of Sample Received	02.30 PM
Start Date of Analysis	06.12.2023	End Date of Analysis	11.12.2023
Weather Condition	Cloudy & Rainy	Sampling Duration	34.0 min
Environmental Condition	Temperature: 25 ± 2°C	Sample ID Code	ECO/LAB/3153/12/2023
	Humidity: 51%		
Instrument Name & Lab ID	Stack Kit	ECO/STACK/04 (Cal. Due on 01.06.2024)	
	Flue Gas Analyzer	-	

Stack Details

I) Above the Ground Level(m)	8.0	Ambient Temperature (°C)	27.0
II) Above the Platform(m)	3.0		
Material of Stack	MS	Stack Temperature (°C)	49.0
Stack Attached	Cement Feeder Through Silo-Unit-1	Inside Diameter of Stack at sampling port (m)	0.8
Capacity of Cement Feeder	-	Cross Sectional Area of Stack (M ²)	0.50
Shape of Stack	Circular	Velocity of Flue Gas (m/sec.)	9.40
Type of Fuel Used	-	Flow Rate of Flue Gas (Nm ³ /sec.)	4.70
Fuel Consumption(L/hr.)	-	Pollution Control Unit	Bag Filter

S. No.	Test Parameters	Unit	Protocol	Detection Range	Results	Limit as per EC issued by MoEF/cc
1.	Particulate Matter (PM)	mg/Nm ³	IS:11255 (Part-1)	10-1000	39.86	150.0

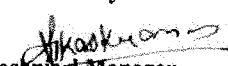
Statement of Conformity: Analyzed parameters in above tested sample are within standard limit as per MOEF/CC Guidelines.

Note:

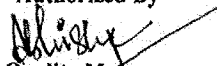
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----End of Report----

Verified By


Technical Manager
(Vikas Kumar)

Authorized By


Quality Manager
(Abhishek Kumar Singh)



TEST REPORT

FORMAT NO. ECO/QS/FORMAT/12

FORMAT NO. ECO/QS/FORMAT/172

NAME & ADDRESS OF CUSTOMER	U.P Asbestos Limited Mohanlalganj, Distt. Lucknow (U.P.)	ULR No.	TC953923000003151F
		Test Report No.	ECO/LAB/AS/0320/3151/12/2023
		Issue Date of Test Report	11.12.2023
Type of Sample	Stack Emission		
Sample Registration No.	0320	Name of Location	Cement Feeder Through Silo-Unit- 2
Sampling Method	IS: 11255	Sample Collected By	ELPL Representative
Date of Sample Collection	04.12.2023	Time of Sample Collection	12:15 PM
Date of Sample Received	06.12.2023	Time of Sample Received	02.30 PM
Start Date of Analysis	06.12.2023	End Date of Analysis	11.12.2023
Weather Condition	Cloudy & Rainy	Sampling Duration	29.0 min
Environmental Condition	Temperature: 25 ± 2°C	Sample ID Code	ECO/LAB/3151/12/2023
	Humidity: 51%		
Instrument Name & Lab ID	Stack Kit	ECO/STACK/04 (Cal. Due on 01.06.2024)	
	Flue Gas Analyzer	-	

Stack Details			
I) Above the Ground Level(m)	8.0	Ambient Temperature (°C)	24.5
II) Above the Platform(m)	3.0		
Material of Stack	MS	Stack Temperature (°C)	46.0
Stack Attached	Cement Feeder Through Silo-Unit- 2	Inside Diameter of Stack at sampling port (m)	0.8
Capacity of Cement Feeder	-	Cross Sectional Area of Stack (M ²)	0.50
Shape of Stack	Circular	Velocity of Flue Gas (m/sec.)	8.46
Type of Fuel Used	-	Flow Rate of Flue Gas (Nm ³ /sec.)	4.23
Fuel Consumption(L/hr.)	-	Pollution Control Unit	Bag Filter

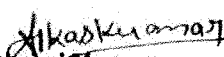
S. No.	Test Parameters	Unit	Protocol	Detection Range	Results	Limit as per EC issued by MoEF/cc
1.	Particulate Matter(PM)	mg/Nm ³	IS:11255 (Part-1)	10-1000	41.10	150.0

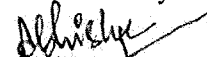
Statement of Conformity: Analyzed parameters in above tested sample are within standard limit as per MOEF/CC Guidelines.

Note:

1. Test results relate to the items sampled & tested.
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----End of Report----

Verified By

Technical Manager
(Vikas Kumar)

Authorized By

Quality Manager
(Abhishek Kumar Singh)



TEST REPORT

FORMAT NO. ECO/QS/FORMAT/12

NAME & ADDRESS OF CUSTOMER	U.P Asbestos Limited Mohanlalganj, Distt. Lucknow (U.P.)	ULR No.	TC953923000003152F
		Test Report No.	ECO/LAB/AS/0320/3152/12/2023
		Issue Date of Test Report	11.12.2023
Type of Sample	Stack Emission		
Sample Registration No.	0320	Name of Location	Cement Feeder Through Silo-Unit- 3
Sampling Method	IS: 11255	Sample Collected By	ELPL Representative
Date of Sample Collection	04.12.2023	Time of Sample Collection	12.48 PM
Date of Sample Received	06.12.2023	Time of Sample Received	02.30 PM
Start Date of Analysis	06.12.2023	End Date of Analysis	11.12.2023
Weather Condition	Cloudy & Rainy	Sampling Duration	23.0 min
Environmental Condition	Temperature: 25 ± 2°C	Sample ID Code	ECO/LAB/3152/12/2023
	Humidity: 51%		
Instrument Name & Lab ID	Stack Kit	ECO/STACK/04 (Cal. Due on 01.06.2024)	
	Flue Gas Analyzer	-	

Stack Details			
I) Above the Ground Level(m)	11.5	Ambient Temperature (°C)	26.0
II) Above the Platform(m)	4.0		
Material of Stack	MS	Stack Temperature (°C)	51.0
Stack Attached	Cement Feeder Through Silo-Unit- 3	Inside Diameter of Stack at sampling port (m)	0.27
Capacity of Cement Feeder	-	Cross Sectional Area of Stack (M ²)	0.057
Shape of Stack	Circular	Velocity of Flue Gas (m/sec.)	11.03
Type of Fuel Used	-	Flow Rate of Flue Gas (Nm ³ /sec.)	0.63
Fuel Consumption(L/hr.)	-	Pollution Control Unit	Bag Filter

S. No.	Test Parameters	Unit	Protocol	Detection Range	Results	Limit as per EC issued by MoEF/cc
1.	Particulate Matter (PM)	mg/Nm ³	IS:11255 (Part-1)	10-1000	37.15	150.0


Statement of Conformity: Analyzed parameters in above tested sample are within standard limit as per MOEF/CC Guidelines.

Note:

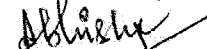
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----End of Report----

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(Vikas Kumar)

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Quality Manager
(Abhishek Kumar Singh)



TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	U.P Asbestos Limited. Mohanlalganj, Distt. Lucknow (U.P.)	Test Report No.	ECO/LAB/AA/0320/3162-3164/12/2023
		Issue Date of Test Report	11.12.2023
Type of Sample	Work Area Sample		
Sample Registration No.	0320	Name of Location	-
Sampling Method	As per Reference Method	Sample Collected By	ELPL Representative
Date of Sample Collection	04.12.2023 to 05.12.2023	Time of Sample Collection	11.42 AM
Date of Sample Received	06.12.2023	Time of Sample Receipt	02.30 PM
Start Date of Analysis	06.12.2023	End Date of Analysis	11.12.2023
Weather Condition	Cloudy & Rainy	Sampling Duration	8 Hrs.
Environmental Condition	Temperature: 25 ± 2 °C	Sample ID Code	ECO/LAB/3162-3164/12/2023
	Humidity: 51 %		
Instrument used	Personal Sampler		

S.No.	Location	Pollutant Concentration (mg/m ³)
1.0	Pulverize Area	6.15
2.0	Fly Ash Silo Area	5.96
3.0	Carbo-cutting Area	4.12

Note:

1. Test results relate to the items sampled & tested.
2. Test report shall not be reproduced except in full without approval of the laboratory.
3. The test samples will be disposed of after one Month from the date of issue of test report.

----End of Report----

Verified By

Vikas Kumar
Technical Manager
(Vikas Kumar)

Authorized By

Abhishek Kumar Singh
Quality Manager
(Abhishek Kumar Singh)



An approved Laboratory from Ministry of Environment, Forest and Climate Change, Govt. of India, New Delhi

TEST REPORT

NAME & ADDRESS OF CUSTOMER:	UP Asbestos Limited Mohanlalgaon Distt.: Lucknow (U.P)	ULR No.	FORMAT NO. ECO/QS/FORMAT/09
		Test Report No.	TC953923000003142F
Type of Sample	Ground Water	Issue Date of Test Report	ECO/LAB/GW/0320/3142/12/2023
Sample Registration No.	0320		12.12.2023
Sampling Method	APHA, 24th Ed. : 2023, 1060 B+C	Name of Location	Bore well Water
Date of Sample Collection	05.12.2023	Sample Collected By	ELPL Representative
Date of Sample Received	06.12.2023	Time of Sample Collection	-
Start Date of Analysis	06.12.2023	Time of Sample Received	11:30 AM
Laboratory Environmental Condition	Temperature: 25 ±2°C Humidity: 54%	End Date of Analysis	12.12.2023
		Sample Quantity	As per Requirement
		Sample ID Code	ECO/LAB/3142/12/2023

Sl. No.	TESTS	Unit	PROTOCOL	DETECTION RANGE	RESULT	INDIAN STANDARDS as per IS 10500:2012 (Reaff:2018)	
						Desirable	Permissible
1.	Colour	Hazen	APHA, 24th Ed. : 2023, 2120 B	5-100	<5.0	5	15
2.	Odour	-	APHA, 24th Ed. : 2023, 2150 B	Qualitative	Agreeable	Agreeable	Agreeable
3.	Turbidity	NTU	APHA, 24th Ed. : 2023, 2130 A+B	1-100	1.42	1	5
4.	pH	-	APHA, 24th Ed. : 2023, 4500H+A+B	2-12	7.45	6.5-8.5	No Relax
5.	Total Dissolved Solids as TDS	mg/l	APHA, 24th Ed. : 2023, 2540-C	5-5000	271.0	500	2000
6.	Alkalinity as CaCO ₃	mg/l	APHA, 24th Ed. : 2023, 2320 A+B	5-1500	172.0	200	600
7.	Total Hardness as CaCO ₃	mg/l	APHA, 24th Ed. : 2023, 2340 A+C	5-1500	180.0	200	600
8.	Calcium as Ca	mg/l	APHA, 24th Ed. : 2023, 3500 Ca A+B	5-1000	38.4	75	200
9.	Magnesium as Mg	mg/l	APHA, 24th Ed. : 2023, 3500 Mg A+B	5-1000	20.41	30	100
10.	Chloride as Cl	mg/l	APHA, 24th Ed. : 2023, 4500 Cl A+B	5-1000	24.0	250	1000
11.	Sulphate as SO ₄	mg/l	APHA, 24th Ed. : 2023, 4500-SO ₄ ²⁻ E	1-250	21.17	200	400
12.	Nitrate Nitrogen as NO ₃	mg/l	APHA, 24th Ed. : 2023, 4500-NO ₃ ²⁻ E	5-100	6.76	45	No Relax
13.	Fluoride as F	mg/l	APHA, 24th Ed. : 2023, 4500-C	0.05-10	0.36	1	1.5
14.	Iron as Fe	mg/l	APHA, 24th Ed. : 2023, 3500 Fe B	0.02-50	0.20	0.3	No Relax
15.	Copper as Cu	mg/l	APHA, 24th Ed. : 2023, 3111 A+B	0.05-5	BDL	0.05	1.5
16.	Manganese as Mn	mg/l	APHA, 24th Ed. : 2023, 3111 A+B	0.10-5	BDL	0.1	0.3
17.	Zinc as Zn	mg/l	APHA, 24th Ed. : 2023, 3111 A+B	0.02-50	0.10	5	15
18.	Arsenic as As	mg/l	APHA, 24th Ed. : 2023, 3111 A+B	0.01-2	BDL	0.01	No Relax
19.	Total Chromium as T.Cr	mg/l	APHA, 24th Ed. : 2023, 3111 A+B	0.05-50	BDL	0.05	No Relax
20.	Free Residual Chlorine as FRC	mg/l	APHA, 24th Ed. : 2023, 4500-Cl B	0.20-10	BDL	0.2	1
21.	Phenolic Compound as C ₆ H ₅ OH	mg/l	APHA, 24th Ed. : 2023, 5530 A+C	0.001-10	BDL	0.001	0.005
22.	Boron as B	mg/l	APHA, 24th Ed. : 2023, 4500 A+C	0.5-10	BDL	0.5	1.0
23.	Anionic Detergent as MBAS	mg/l	APHA, 24th Ed. : 2023, 5540 A+C	0.02-5	BDL	0.2	1.0
24.	Mercury as Hg	mg/l	APHA, 24th Ed. : 2023, 3112 A+B	0.01-2	BDL	0.001	No Relax
25.	Cadmium as Cd	mg/l	APHA, 24th Ed. : 2023, 3111 A+B	0.1-5	BDL	0.003	No Relax
26.	Lead as Pb	mg/l	APHA, 24th Ed. : 2023, 3111 A+B	0.2-5	BDL	0.01	No Relax

Statement of Conformity: The above tested parameters confirm as per IS-10500-2012 (Reaff.-2018) limits.

Note-

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3. The test samples will be disposed of after one Month from the date of issue of test report.
4. BDL-Below Detection Limit.

---End of Report---

Verified By

Technical Manager
(Vikas Kumar)

Authorized By

Quality Manager
(Abhishek Kumar Singh)



TEST REPORT

FORMAT NO. ECO/QS/FORMAT/09

NAME & ADDRESS OF CUSTOMER:	UP Asbestos Limited Mohanlalganj, Distt.: Lucknow (U.P)	Test Report No.	ECO/LAB/GW/0320/3142/12/2023
Type of Sample	Ground Water	Issue Date of Test Report	12.12.2023
Sample Registration No.	0320	Name of Location	Bore well Water
Sampling Method	APHA, 24th Ed. : 2023, 1060 B+C	Sample Collected By	ELPL Representative
Date of Sample Collection	05.12.2023	Time of Sample Collection	-
Date of Sample Received	06.12.2023	Time of Sample Received	11:30 AM
Start Date of Analysis	06.12.2023	End Date of Analysis	12.12.2023
Laboratory Environmental Condition	Temperature: 25 ±2°C Humidity: 54%	Sample Quantity	As per Requirement
		Sample ID Code	ECO/LAB/3142/12/2023

S. No.	TESTS	Unit	PROTOCOL	DETECTION RANGE	RESULT	INDIAN STANDARDS as per IS 10500:2012 (Reaff:2018)	
						Desirable	Permissible
1.	Mineral Oil s	mg/l	IS 3025 (Part39) Class-6	0.01-10	BDL	0.5	No Relax
2.	Selenium as Se	mg/l	APHA, 24th Ed. : 2023, 3111 A+B	0.01-10	BDL	0.01	No Relax
3.	Total coliform	cfu/100 ml	IS-15185,2016 RA 2021	<1	Absent	Absent	Absent
4.	E.Coli	cfu/100 ml	IS-15185,2016 RA 2021	<1	Absent	Absent	Absent

Statement of Conformity: The above tested parameters confirm as per IS-10500-2012 (Reaff.-2018) limits.

Note-

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