

PLOT NO-30, MANSAROVAR ENCLAVE, TUPUDANA HATIA, RANCHI-834003 (JHARKHAND) GST NO:- 20AAECE9713D1Z4

Email: info@elespl.co.in , eles.ranchi@gmail.com

Phone no.: 0651-2290103 Website: www.elespl.co.in



TEST REPORT

Test Report No. : ELES/RNC/2023/4818 Report Release Date : 23.12.2023 ULR No. : TC883923000002941F

CUSTOMER DETAILS		SAMPLE DETAILS		
Customer Name	: St. Xavier's College, Simdega	Sample Ref. No. Location	: ELES/RNC/2023/AA/4483 : Main Gate	
Address	: P.O Gotra, P.S Simdega,	Sampling Date	: 14.12.2023 to 15.12.2023	
	Dist- Simdega, Jharkhand-835235	Sample Received Date	: 16.12.2023	
College Status	: Operational	Type of Sample Sampling Procedure	: Ambient Air : ELES/DOC/SMPL/02	
		Sampling Done By	: ELES Pvt. Ltd.	
Period of Analysis	: 16.12.2023 to 22.12.2023	Sample Condition	: Sealed & Preserved	

MI	ETEOROLOGICAL INFOR	RMATION			
1	Average Temperature (°C)	: 21	2	Barometric Pressure (mmHg)	: 722
3	Relative Humidity (%)	: 58	4	Weather Condition	: Clear
5	Longitude	: 84°28′50.49″E	6	Latitude	: 22°37′07.13″N

Discipline: Chemic	al	Group: Atmospheric Pollution			
Parameter	Unit	Test Protocol	Result	Regulatory Limit	
Particulate Matter (PM10)	μg/m³	IS 5182 (Part- 23): 2022	73	100 (24hrs)	
Particulate Matter (PM2.5)	μg/m³	IS 5182 (Part- 24): 2019	41	60 (24hrs)	
Sulphur Di-Oxide (SO ₂)	μg/m ³	IS 5182 (Part- 2/Sec1): 2022	8.9	80 (24hrs)	
Nitrogen Di-Oxide (NO ₂)	μg/m³	IS 5182 (Part- 6): 2022	22.8	80 (24hrs)	
Ozone (O ₃)	μg/m³	IS 5182 (Part- 9): 2019	<20.0	100 (8hrs)	
Ammonia (NH ₃)	μg/m³	IS 5182 (Part- 25): 2018	<10.0	400 (24hrs)	
Carbon Monoxide (CO)	mg/m³	IS 5182 (Part- 10); 2019 (NDIR Method)	<1.0	2 (8hrs)	
Lead (Pb)	μg/m³	IS 5182 (Part- 22): 2019	< 0.002	1 (24hrs)	
Nickel (Ni)	ng/m³	IS 5182 (Part- 26): 2020	<6.0	20 (Annual)	
Arsenic (As)	ng/m³	ELES/AIR/SOP/01: 2021	<2.0	06 (Annual)	

Reviewed by Akash Kumar Quality Managor

****End of Report****

Rekha Saxena Authorised Signatory Rekha Saxena B. Sc. M. Sc. (Botany)

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Page 1 of 1 ELES Pvt. Ltd.

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ENGINEERING SERVICES PVT. LTD.

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TEST REPORT

Test Report No.	: ELES/RNC/2023/4818	Report Release Date	: 23.12.2023	

CUSTOMER DETAILS		SAMPLE DETAILS		
Customer Name	: St. Xavier's College, Simdega	Sample Ref. No.	: ELES/RNC/2023/AA/4483	
		Location	: Main Gate	
Address	: P.O Gotra, P.S Simdega,	Sampling Date	: 14.12.2023 to 15.12.2023	
	Dist- Simdega, Jharkhand-835235	Sample Received Date	: 16.12.2023	
		Type of Sample	: Ambient Air	
College Status	: Operational	Sampling Procedure	: ELES/DOC/SMPL/02	
Period of Analysis	16:10 2022 - 20 10 2022	- Sampling Done By	: ELES Pvt. Ltd.	
reriod of Analysis	: 16.12.2023 to 22.12.2023	Sample Condition	: Sealed	

7.7	ETEOROLOGICAL INFOR	2011/10/2011 - 100			
1	Average Temperature (°C)	: 21	2	Barometric Pressure (mmHg)	: 722
3	Relative Humidity (%)	: 58	4	Weather Condition	: Clear
5	Longitude	: 84°28′50.49″E	6	Latitude	: 22°37′07.13″N

Discipline: Chemi-	cal	Group: Atmo	Group: Atmospheric Pollution			
Parameter	Unit	Test Protocol	Result	Regulatory Limit		
Benzene (C ₆ H ₆)*	μg/m³	IS 5182 (Part-11)2006;RA2017	<1.0	05(Annual)		
Benzo-(a)-Pyrene*	ng/m³	IS 5182 (Part-12)2004;RA2019	<0.5	01(Annual)		

Remarks: (*)-Parameters are outsourced to other Lab.

Reviewed by Akash Kumar

Akash Kumar Quality Managor ****End of Report****

Rekha Laxena
Authorised Signatory
Rekha Saxena
B. Sc, M. Sc. (Botany)
Director
ELES Pvt. Ltd

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Website: www.elespl.co.in



TC-8839

TEST REPORT

Test Report No.	: ELES/RNC/2023/4819	Report Release Date	: 23.12.2023	
ULR No.	: TC883923000002942F			

CUSTOMER DETAILS		SAMPLE DETAILS		
Customer Name	: St. Xavier's College, Simdega	Sample Ref. No.	: ELES/RNC/2023/AA/4484	
W MONTHS CO.	Marchine March 11 specific reserves as	Location	: Near C.S. Centre	
Address	: P.O Gotra, P.S Simdega,	Sampling Date	: 14.12.2023 to 15.12.2023	
	Dist-Simdega, Jharkhand-835235	Sample Received Date	: 16.12.2023	
		Type of Sample	: Ambient Air	
College Status	: Operational	Sampling Procedure	: ELES/DOC/SMPL/02	
David of Auglant	16 12 2022 - 22 12 2022	Sampling Done By	: ELES Pvt. Ltd.	
Period of Analysis	: 16.12.2023 to 22.12.2023	Sample Condition	: Sealed & Preserved	

MI	TEOROLOGICAL INFO	RMATION			
1	Average Temperature (°C)	: 21	2	Barometric Pressure (mmHg)	: 722
3	Relative Humidity (%)	: 58	4	Weather Condition	: Clear
5	Longitude	: 84°28′48.90″E	6	Latitude	: 22°37′07.69″N

Discipline: Chemic	al	Group: Atmospheric Pollution			
Parameter	Unit	Test Protocol	Result	Regulatory Limit	
Particulate Matter (PM10)	μg/m³	IS 5182 (Part- 23): 2022	62	100 (24hrs)	
Particulate Matter (PM2.5)	μg/m³	IS 5182 (Part- 24): 2019	34	60 (24hrs)	
Sulphur Di-Oxide (SO ₂)	μg/m ³	IS 5182 (Part- 2/Sec1): 2022	6.5	80 (24hrs)	
Nitrogen Di-Oxide (NO ₂)	μg/m³	IS 5182 (Part- 6): 2022	17.1	80 (24hrs)	
Ozone (O ₃)	μg/m³	IS 5182 (Part- 9): 2019	<20.0	100 (8hrs)	
Ammonia (NH ₃)	μg/m³	IS 5182 (Part- 25): 2018	<10.0	400 (24hrs)	
Carbon Monoxide (CO)	mg/m ³	IS 5182 (Part- 10): 2019 (NDIR Method)	<1.0	2 (8hrs)	
Lead (Pb)	μg/m³	IS 5182 (Part- 22): 2019	<0.002	1 (24hrs)	
Nickel (Ni)	ng/m³	IS 5182 (Part- 26): 2020	<6.0	20 (Annual)	
Arsenic (As)	ng/m³	ELES/AIR/SOP/01: 2021	<2.0	06 (Annual)	

Reviewed by Akash Kumar Quality Manager

****End of Report***

Reklia Sevena Rekherised Signatory B. Sc, M. Sc. (Botany)

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TEST REPORT

Test Report No.	: ELES/RNC/2023/4819	Report Release Date	: 23.12.2023	
		U SECTION OF THE PROPERTY OF T	WASHINGTON TO THE OWNER OF THE THE PARTY OF	

CUSTOMER DET.	AILS	SAMPLE DETAILS	
Customer Name	: St. Xavier's College, Simdega	Sample Ref. No.	: ELES/RNC/2023/AA/4484
		Location	: Near C.S. Centre
Address	: P.O Gotra, P.S Simdega,	Sampling Date	: 14.12.2023 to 15.12.2023
	Dist- Simdega, Jharkhand-835235	Sample Received Date	: 16.12.2023
	The second second	Type of Sample	: Ambient Air
College Status	: Operational	Sampling Procedure	: ELES/DOC/SMPL/02
Danie J. C. A	1010 0000 % % 12 %	- Sampling Done By	: ELES Pvt. Ltd.
Period of Analysis	: 16.12.2023 to 22.12.2023	Sample Condition	: Sealed

/LI	ETEOROLOGICAL INFO	RMATION			
1	Average Temperature (°C)	: 21	2	Barometric Pressure (mmHg)	: 722
3	Relative Humidity (%)	: 58	4	Weather Condition	: Clear
5	Longitude	: 84°28′48.90″E	6	Latitude	: 22°37′07.69″N

Discipline: Chemi	cal	Group: Atmospheric Pollution				
Parameter	Unit	Test Protocol	Result	Regulatory Limit		
Benzene (C ₆ H ₆)*	μ g/m ³	IS 5182 (Part-11)2006;RA2017	<1.0	05(Annual)		
Benzo-(a)-Pyrene*	ng/m³	IS 5182 (Part-12)2004;RA2019	<0.5	01(Annual)		

Remarks: (*)-Parameters are outsourced to other Lab.

Reviewed by Akash Kumar Quality Managor

****End of Report****

Rekha Saxena Authorised Signatura B. Sc. M. Sc. (Botany) Director ELES Pvt. Ltd.

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TC-8839

TEST REPORT

Test Report No.	: ELES/RNC/2023/4820	Report Release Date	: 23.12.2023	
ULR No.	: TC883923000002943F			

CUSTOMER DET	AILS	SAMPLE DETAILS		
Customer Name	: St. Xavier's College, Simdega	Sample Ref. No. Location	: ELES/RNC/2023/AA/4485 : Near Office	
Address	: P.O Gotra, P.S Simdega, Dist- Simdega, Jharkhand-835235	Sampling Date Sample Received Date	: 14.12.2023 to 15.12.2023 : 16.12.2023	
College Status	: Operational	Type of Sample Sampling Procedure	: Ambient Air : ELES/DOC/SMPL/02	
Period of Analysis	: 16.12.2023 to 22.12.2023	Sampling Done By Sample Condition	: ELES Pvt. Ltd. : Sealed & Preserved	

1	Average Temperature (°C)	: 21	2	Barometric Pressure (mmHg)	: 722
3	Relative Humidity (%)	: 58	4	Weather Condition	: Clear
5	Longitude	: 84°28′49.54″E	6	Latitude	: 22°37′08.03″N

Discipline: Chemic	al	Group: Atmospheric Pollution				
Parameter	Unit	Test Protocol	Result	Regulatory Limit		
Particulate Matter (PM10)	μg/m ³	IS 5182 (Part- 23): 2022	60	100 (24hrs)		
Particulate Matter (PM2.5)	μg/m³	IS 5182 (Part- 24): 2019	31	60 (24hrs)		
Sulphur Di-Oxide (SO ₂)	μg/m ³	IS 5182 (Part- 2/Sec1): 2022	5.9	80 (24hrs)		
Nitrogen Di-Oxide (NO ₂)	μg/m ³	IS 5182 (Part- 6): 2022	16.8	80 (24hrs)		
Ozone (O ₃)	μg/m³	IS 5182 (Part- 9): 2019	<20.0	100 (8hrs)		
Ammonia (NH ₃)	μg/m³	IS 5182 (Part- 25): 2018	<10.0	400 (24hrs)		
Carbon Monoxide (CO)	mg/m ³	IS 5182 (Part- 10): 2019 (NDIR Method)	<1.0	2 (8hrs)		
Lead (Pb)	μg/m³	IS 5182 (Part- 22): 2019	< 0.002	1, (24hrs)		
Nickel (Ni)	ng/m³	IS 5182 (Part- 26): 2020	<6.0	20 (Annual)		
Arsenic (As)	ng/m³	ELES/AIR/SOP/01: 2021	<2.0	06 (Annual)		

Reviewed by
Akash Kumar
Quality Managor

****End of Report****

Rekha Saxena Authorised Signatory Rekha Saxena B. Sc, M. Sc. (Botany)

Director

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TEST REPORT

Test Report No.	: ELES/RNC/2023/4820	Report Release Date	: 23.12.2023	

CUSTOMER DETAILS		SAMPLE DETAILS		
Customer Name	: St. Xavier's College, Simdega	Sample Ref. No.	: ELES/RNC/2023/AA/4485	
	1997 _ 1946	Location	: Near Office	
Address	: P.O Gotra, P.S Simdega,	Sampling Date	: 14.12.2023 to 15.12.2023	
	Dist- Simdega, Jharkhand-835235	Sample Received Date	: 16.12.2023	
		Type of Sample	: Ambient Air	
College Status	: Operational	Sampling Procedure	: ELES/DOC/SMPL/02	
Conege Status	, Operational	Sampling Done By	: ELES Pvt. Ltd.	
Period of Analysis	: 16.12.2023 to 22.12.2023	Sample Condition	: Sealed	

MI	ETEOROLOGICAL INFOR	RMATION		A TOTAL TOTAL	
1	Average Temperature (°C)	: 21	2	Barometric Pressure (mmHg)	: 722
3	Relative Humidity (%)	: 58	4	Weather Condition	: Clear
5	Longitude	: 84°28′49.54″E	6	Latitude	: 22°37′08.03″N

Discipline: Chemic	cal	Group: Atmo	Group: Atmospheric Pollution				
Parameter	Unit	Test Protocol	Result	Regulatory Limit			
Benzene (C ₆ H ₆)*	μg/m³	IS 5182 (Part-11)2006;RA2017	<1.0	05(Annual)			
Benzo-(a)-Pyrene*	ng/m³	IS 5182 (Part-12)2004;RA2019	< 0.5	01(Annual)			

Remarks: (*)-Parameters are outsourced to other Lab.

Reviewed by Akash Kumar Quality Managor

****End of Report****

Rekha Laxena Rekhaised Signay B. Sc., M. Sc. (Botany) Director FLES Pvt. Ltd.

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