



Environmental Laboratory & Consultancy Organization (NABL QCI Accredited ,MoEF&CC Recognized, ISO 9001, ISO 14001 & OHSAS 45001 Certified)

C-11, Amar Enclave Commercial Wing, Jog Layout, Prashant Nagar, Near Ajni Square, Nagpur – 440 015, Tel & Fax: (0712) 2251470, Cell: 9766616862 Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

### Test Report Water Quality

Format No.: ELPL/QD4/TRD/7.8/W

Report No.: ELPL/09-24/08-A Report Date: 19-09-2024 Name & Address of the Customer: M/s. INVENTYS RESEARCH CO. PVT. LTD., Plot No .K-38, MIDC, Butibori, Dist.- Nagpur. Ref.: Verbal Sample Type : Drinking Water Sampling Location: Drinking Water from Tap Near Sampling Ref Method: IS 3025 (Part 1): 1987 RA 2019 Canteen Sample Inward No: : ELPL/Sept-24/55/19/W-08 Environmental Condition: Sunny (during sampling) Sampling Date : 10-09-2024 Sampled By: ELPL Representative Sample Receipt Date : 10-09-2024 Period of Analysis: From 11-09-2024 to 19-09-2024

#### Results of Analysis

Sr. No.	Test Parameters	Unit	Norms*	Result	Test Method
Discip	line: Chemical, Group: Water	& Residues i	n water, Mater	ials/ Products Tes	sted : Drinking Water
1	Colour	Hazen Units	5/15	1.0	IS 3025 (Part 4)
2	Odour		Agreeable	Agreeable	IS 3025 (Part 6)
3	pH value		6.5 to 8.5	7.64	IS 3025 (Part 11)
4	Taste		Agreeable	Agreeable	IS 3025 (Part 8)
5	Turbidity	NTU	1/5	BDL (< 0.1)	IS 3025 (Part 10)
6	Total Dissolved Solids	mg/l	500/2000	218.0	IS 3025 (Part 16)
7	Aluminium (as Al)	mg/l	0.03/0.2	BDL (< 0.03)	ELPL SOP No. BTS-2/Issue No.01/ Jan – 20
8	Boron (as B)	mg/l	0.5/1.0	BDL (< 0.06)	ELPL SOP No. BTM-1 based on IS 3025 (Part 2)
9	Calcium (as Ca)	mg/l	75/200	30.4	IS 3025 (Part 40)
10	Chloride (as Cl)	mg/l	250/1000	12.9	IS 3025 (Part 32)
11	Copper (as Cu)	mg/l	0.05/1.5	BDL (< 0,01)	ELPL SOP No. BTM-6 based on IS 3025 (Part 2)
12	Fluoride (as F)	mg/l	1.0/1.5	BDL (< 0.2)	IS 3025 (Part 60)
13	Free Residual Chlorine	mg/l	0.2/1.0	BDL (< 0.1)	IS 3025 (Part 26)
14	Iron (as Fe)	mg/l	1.0	BDL (< 0.05)	ELPL SOP No. BTM-7 based on IS 3025 (Part 2)





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Format No.: ELPL/QD4/TRD/7.8/W

Repo	rt No.: ELPL/09-24/08-A		Report Date:	19-09-2024	
Sr. No.	Test Parameters	Unit	Norms*	Result	Test Method
15.	Magnesium (as Mg)	mg/l	30/100	11.2	IS 3025 (Part 46)
16.	Manganese (as Mn)	mg/l	0.1/0.13	BDL (< 0.01)	ELPL SOP No. BTS-4 based on IS 3025 (Part 2)
17.	Selenium (as Se)	mg/l	0.01	BDL (< 0.01)	ELPL SOP No. BTS-5 based on IS 3025 (Part 2)
18.	Sulphate (as SO <sub>4</sub> )	mg/l	200/400	13.2	APHA-23 <sup>nd</sup> Ed. 4500-SO <sub>4</sub> <sup>2-</sup> E
19.	Total Alkalinity (as CaCO <sub>3</sub> )	mg/l	200/600	125.0	IS 3025 (Part 23)
20	Total Hardness( as CaCO <sub>3</sub> )	mg/l	200/600	122.0	IS 3025 (Part 21)
.21.	Zinc (as Zn)	mg/l	5/15	0.07	ELPL SOP No. BTM-15 based or IS 3025 (Part 2)
22.	Lead (as Pb)	mg/l	0.01	BDL (< 0.01)	ELPL SOP No. BTM-8 based on IS 3025 (Part 2)
23.	Nickel (as Ni)	mg/l	0.02	BDL (< 0.02)	ELPL SOP No. BTM-11 based on IS 3025 (Part 2)
24.	Total Arsenic (as As)	mg/l	0.01	BDL (< 0.01)	ELPL SOP No. BTS-1 based on IS 3025 (Part 2)
25.	Total Chromium (as Cr)	mg/l	0.05	BDL (< 0.01)	ELPL SOP No. BTM-4 based on IS 3025 (Part 2)

Note: 1.\* indicates IS 10500: 2012 RA 2012 Drinking Water - Specification as Requirement (Acceptable Limit) / Permissible Limit in the Absence of Alternate Sources meeting Acceptable Limit

2. Test results relates to sample collected & tested only for the selected parameters. It shall not be reproduced partially or fully without prior approval of ELPL.

Verified & Authorized by

(C.P. Jadhao) Quality Manager



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# Test Report Water Quality

Format No.: ELPL/QD4/TRD/7.8/AN

Report No.: ELPL/09-24/08-B Report Date: 19-09-2024

Name & Address of the Customer: M/s. INVENTYS RESEARCH CO. PVT. LTD.,
Plot No .K-38, MIDC, Butibori, Dist.- Nagpur.

Ref.: Verbal

Sample Type : Drinking Water

Sampling Ref Method: IS 3025 (Part 1): 1987 RA 2019

Sample Inward No: : ELPL/Sept-24/55/19/W-08

Sampling Date : 10-09-2024 Sample Receipt Date : 10-09-2024

Period of Analysis: From 11-09-2024 to 19-09-2024

.

Sampling Location: Drinking Water from Tap Near

Canteen

Environmental Condition: Sunny (during sampling)

Sampled By: ELPL Representative

#### **Results of Analysis**

Sr. No.	Test Parameters	Unit	Norms*	Result	Test Method
Discipline	: Chemical, Group : Water & Res	sidues in wa	ter, Materials/	Products Tested :	Drinking Water
1.	Ammonical Nitrogen (as N)	mg/l	0.5	0.38	IS 3025 (Part 34): 1988 RA 2019 (Clause 2.3)
2.	Anionic Detergents (as MBAS)	mg/l	0.2/1.0	BDL (< 0.1)	IS 13428 (Annex K): 2005 RA 2019
3.	Nitrate (as NO <sub>3</sub> )	mg/l	45	4.99	APHA -23 <sup>rd</sup> Ed4500 (NO <sub>3</sub> -) (B)
4.	Phenolic Compounds or Phenol (as C <sub>6</sub> H <sub>5</sub> OH)	mg/l	0.001/0.002	BDL (< 0.001)	IS 3025 (Part 43): 1992 RA 2019
5.	Sulphide (as H <sub>2</sub> S)	mg/l	0.05	BDL (< 0.04)	IS 3025 (Part 29):2003 RA 2019

Note: 1. \* indicates IS 10500: 2012 RA 2012 Drinking Water - Specification as Requirement (Acceptable Limit) /
Permissible Limit in the Absence of Alternate Sources meeting Acceptable Limit

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Test Report
Effluent Quality

Format No.: ELPL/QD4/TRD/7.8/ED

Report No.: ELPL/09-24/06-A Report Date: 19-09-2024

Name & Address of the Customer: M/s. INVENTYS RESEARCH CO. PVT. LTD.,

Plot No .K-38, MIDC, Butibori, Dist.- Nagpur.

Ref.: Verbal

Sample Type : Waste Water (Sewage) Sampling Location : STP Treated Water

Sampling Ref Method: IS 3025 (Part 1): 1987 RA 2019 Environment Condition: Sunny (during sampling)

Sample Inward No. : ELPL/Sept-24/55/19//ED-06
Sampling Date : 10-09-2024 Sampled by : ELPL Representative

Sampling Date : 10-09-2024 Sample Receipt Date : 10-09-2024 Sample Receipt Date : 10-09-2024

Period of Analysis: From 11-09-2024 to 19-09-2024

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms*	Result	<b>Test Method</b>
Discipl	line : Chemical, Group : Pollution & l	Environment, M	(aterials/ Produc	ts Tested : Waste	e Water (Sewage)
1.	Suspended Solids (SS)	mg/l	100	26.2	IS 3025 (Part 17)
2.	Biochemical Oxygen Demand (BOD)	mg/l	30	14.1	IS 3025 (Part 44)
3.	Chemical Oxygen Demand (COD)	mg/l	-	84.3	IS 30. Page 2 of 2

Note: 1. \* Consent No. Format 1.0/CC/UAN No. 0000121034/CR/2303000461 Dtd. 06-03-2023.

2. Test results relates to sample collected & tested only for the selected parameters. It shall not be reproduced

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Test Report
. Effluent Quality

Format No.: ELPL/QD4/TRD/7.8/ED

Report No.: ELPL/09-24/06-B Report Date: 19-09-2024

Name & Address of the Customer: M/s. INVENTYS RESEARCH CO. PVT. LTD.,

Plot No .K-38, MIDC, Butibori, Dist.- Nagpur.

Ref.: Verbal

Sample Type : Waste Water (Sewage) | Sampling Location : STP Treated Water

Sampling Ref Method: IS 3025 (Part 1): 1987 RA 2019 Environment Condition: Sunny (during sampling)

Sample Inward No. : ELPL/Sept-24/55/19//ED-06

Sampling Date : 10-09-2024 Sampled by : ELPL Representative Sample Receipt Date : 10-09-2024

Period of Analysis: From 11-09-2024 to 19-09-2024

Results of Analysis

Sr. No.	Test Parameters	Unit	Norms*	Result	Test Method
Discipl	line: Chemical, Group: Pollution	& Environment, N	laterials/ Produc	ets Tested : Waste	e Water (Sewage)
1.	Bioassay Test	%	-	78.3	IS 6582 (Part 2)
Note:	*Consent No. Format 1.0/CC/UA     Test results relates to sample colle     Partially or fully without prior app	ected & tested only			be reproduced

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(C.P. Jadhao)

Quality Manager



### **Environmental Laboratory & Consultancy Organization**

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#### Format No.: ELPL/QD4/TRD/7.8/BAC **Test Report** Water Quality for Potability

Report No.: ELPL/09-24/13-B Report Date: 19-09-2024 Name & Address of the Customer: M/s. INVENTYS RESEARCH CO. PVT. LTD., Plot No .K-38, MIDC, Butibori, Dist.- Nagpur. Ref.: Verbal Sample Type : Drinking Water Sampling Location: Drinking Water from Tap Near Canteen Sampling Ref Method: IS 3025 (Part 1): 1987 RA 2019 Environmental Condition: Sunny (during sampling) Sample Inward No. : ELPL/Sept-24/55/19/BAC-13 Sampling Date : 10-09-2024 Sampled By: ELPL Representative

Sample Receipt Date: 10-09-2024 Period of Analysis: From 11-09-2024 to 19-09-2024

#### **Results of Analysis**

Sr. No.	Parameters	Unit	Norms*	Result	Method
Discip	oline: Biological, Gro	up: Water, Mater	ials/ Products Tested : Dri	nking Water	
1.	Total Coliform Bacteria	MPN/100 ml	Shall not be detectable	Not Detected	APHA: 9221 (B) 23 <sup>rd</sup> Edition
2.	Thermotolerant Coliform Bacteria	MPN/100 ml	Shall not be Detectable	Not Detected	APHA: 9221 (G) 23rd Edition
Note	e: 1. * indicates IS 1050 Permissible Limit	00: 2012 RA 2012 in the Absence of A	Drinking Water - Specification Iternate Sources meeting Accep	as Requirement (A	Acceptable Limit) /

2. Test results relates to sample collected & tested only for the selected parameters. It shall not be reproduced partially or fully Without prior approval of ELPL.

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**Test Report Ambient Air Quality** 

Format No.: ELPL/QD4/TRD/7.8/AA

Report Date: 19-09-2024 Report No.: ELPL/09-24/90-A

M/s. INVENTYS RESEARCH CO. PVT. LTD., Name & Address of the Customer:

Plot No. K-38, MIDC, Butibori, Dist.- Nagpur.

Ref: Verbal

: Ambient Air Sample Type

Sampling Ref Method: As Per Test Method

: ELPL/Sept-24/55/34/AA-90 Sample Inward No.

25.4 °C Avg. Ambient Temp Avg. Relative Humidity: 89.3 %

: From 10-09-2024 to 11-09-2024 Sampling Date

Sample Receipt Date: 12-09-2024 Period of Analysis: From 12-09-2024 to 19-09-2024 Sampling Location: Near Security Main Gate

Environmental Condition: Sunny (during sampling)

Prominent Wind Direction: SSE

8.1 km/hr Average Wind Speed

Sampled by: ELPL Representative

Deculte of Analysis

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Sr. No.	Test Parameters	Unit	Norms*	Result	Test Method
Discipline	: Chemical, Group : Atmospheric l	Pollution, M	laterials/ Pro	ducts Tested : An	abient Air
1.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	80	8.14	IS 5182 (Part 2)
2.	Nitrogen Dioxide (NO <sub>2</sub> )	μg/m³	80	13.7	IS 5182 (Part 6)
3.	Particulate Matter size less than 10 μm (PM <sub>10</sub> )	μg/m³	100	57.1	IS 5182 (Part 23)
4.	Particulate Matter size less than 2.5 μm (PM <sub>2.5</sub> )	μg/m³	60	23.3	IS: 5182 (Part 24)
5.	Ozone (O <sub>3</sub> )	μg/m³	100	BDL (< 20.0)	APHA- Method No.411 2 <sup>nd</sup> Edn
6.	Lead (Pb)	μg/m³	0.5	0.01	ELPL SOP No. AAS - 10 based on IS 5182 (Part 22)
7.	Carbon Monoxide (CO)	mg/m³	4	BDL (< 1.1)	NIOSH 6604
8.	Ammonia (NH <sub>3</sub> )	μg/m³	100	BDL (< 20.0)	APHA- Method No.401 2 <sup>nd</sup> Edn
9.	Benzene (C <sub>6</sub> H <sub>6</sub> )	μg/m³	5	BDL (< 4.0)	IS 5182 (Part 11)
10.	Benzo [a] Pyrene (as BaP)- particulate phase only	ng/m³	1	BDL (< 0.8)	IS 5182 (Part 12)
11.	Arsenic (As)	ng/m³	6	BDL (< 2.0)	ELPL SOP No. AAS - 12 based on IS 5182 (Part 26)
12.	Nickel (Ni)	ng/m³	20	BDL (< 3.5)	IS 5182 (Part 26): 2020 based SOP No. AAS-12

1. \* indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended).

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(C.P. Jadhao) Quality Manager





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**Test Report Ambient Air Quality** 

Format No.: ELPL/QD4/TRD/7.8/AA

Report No.: ELPL/09-24/91-A

Report Date: 19-09-2024

Name & Address of the Customer: M/s. INVENTYS RESEARCH CO. PVT. LTD.,

Plot No .K-38, MIDC, Butibori, Dist.- Nagpur.

Ref: Verbal

: Ambient Air Sample Type

Sampling Ref Method: As Per Test Method

: ELPL/Sept-24/55/34/AA-91 Sample Inward No.

Avg. Ambient Temp 25.4 °C Avg. Relative Humidity: 89.3 %

: From 10-09-2024 to 11-09-2024 Sampling Date

Sample Receipt Date: 12-09-2024

Period of Analysis: From 12-09-2024 to 19-09-2024

Sampling Location: Near Boiler House

Environmental Condition: Sunny (during sampling)

Prominent Wind Direction: SSE

8.1 km/hr Average Wind Speed

Sampled by: ELPL Representative

Posults of Analysis

Sr. No.	Test Parameters	Unit	Norms*	Result	Test Method
100000000	line : Chemical, Group : Atmosp	heric Polluti	on, Materials	/ Products Tester	l : Ambient Air
1.	Sulphur Dioxide (SO <sub>2</sub> )	μg/m³	80	8.44	IS 5182 (Part 2)
2.	Nitrogen Dioxide (NO <sub>2</sub> )	μg/m³	80	12.5	IS 5182 (Part 6)
3.	Particulate Matter size less than 10 µm ( PM <sub>10</sub> )	μg/m³	100	55.3	IS 5182 (Part 23)
4.	Particulate Matter size less than 2.5 μm (PM <sub>2.5</sub> )	μg/m³	60	25.1	IS: 5182 (Part 24)
5.	Ozone (O <sub>3</sub> )	μg/m³	100	BDL (< 20.0)	APHA- Method No.411 2 <sup>nd</sup> Edn
6.	Lead (Pb)	μg/m³	0.5	0.02	ELPL SOP No. AAS - 10 based on IS 5182 (Part 22)
7.	Carbon Monoxide (CO)	μg/m³	4	BDL (< 1.1)	NIOSH 6604
8.	Ammonia (NH <sub>3</sub> )	μg/m³	100	BDL (< 20.0)	APHA- Method No.401 2 <sup>nd</sup> Edn
9.	Benzene (C <sub>6</sub> H <sub>6</sub> )	μg/m³	5	BDL (< 4.0)	IS 5182 (Part 11)
10.	Benzo [a] Pyrene (as BaP)- particulate phase only	ng/m³	1	BDL (< 0.8)	IS 5182 (Part 12)
11.	Arsenic (As)	ng/m³	6	BDL (< 2.0)	ELPL SOP No. AAS - 12 based or IS 5182 (Part 26)
12.	Nickel (Ni)	ng/m³	20	BDL (< 3.5)	IS 5182 (Part 26): 2020 based SOP No. AAS-12

Note: 1. \* indicates NAAQS (Govt. of India MoEF Notification No. GSR 826 CE dtd.16-11-2009 as amended).

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> (C.P. Jadhao) Quality Manager





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### **Test Report Stack Emission Quality**

Format No.: ELPL/QD4/TRD/7.8/S

Report No.: ELPL/09-24/25-A	Report Date: 19-09-2024		
Name & Address of the Customer: M/s. INVENTYS	RESEARCH CO. PVT. LTD., Butibori, Dist Nagpur.		
Ref: Verbal			
Sample Type : Stack Emission	Sampling Location: Boiler No. 1 (4 TPH)		
Sampling Ref Method : As Per Test Method Sample Inward No. : ELPL/Sept-24/55/34/S-25	Environmental Condition : Sunny (during sampling)		
Sampling Date : 10-09-2024	Sampled By: ELPL, Representative		
Sample Receipt Date : 11-09-2024  Stack Height : 27 mtr.  Stack Diameter at Port : 0.65 mtr.  Type of Fuel : Biocoal/Biomass Pallets	Temperature of Flue Gas: 141 °C Velocity of Flue Gas: 9.48 m/sec Flow Rate of Flue Gas: 7905.19 Nm³/hr		

## Results of Analysis

Sr. No.	Test Parameters	Unit	Norm*	Result	Test Method
	ne: Chemical, Group: Atmosph	neric Pollution,	Materials/ Pr	oducts Tested : Sta	ck Emission
1.	Particulate Matter	mg/Nm <sup>3</sup>	100	24.7	IS 11255 (Part 1)
2.	Sulphur Dioxide (as SO <sub>2</sub> )	mg/Nm³	-	63.4	IS 11255 (Part 2)
3.	Sulphur Dioxide (as SO <sub>2</sub> )	kg/day	16.48	12.1	IS 11255 (Part 2)
Note:	*Consent No. Format 1.0/CC/0     Test results relates to sample converted by Partially or fully without prior states.	illected & tested (	only for the select	00461 Dtd. 06-03-202 cted parameters. It sha	Varified & Authorized

(C.P. Jadhao) Quality Manager





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# Test Report Stack Emission Quality

Format No.: ELPL/QD4/TRD/7.8/S

Report No.: ELPL/09-24/24-A	Report Date: 19-09-2024		
Name & Address of the Customer: M/s. INVENTYS RE	SEARCH CO. PVT. LTD., Butibori, Dist Nagpur.		
Ref : Verbal			
Sample Type : Stack Emission	Sampling Location : D.G.Set 500 KVA		
Sampling Ref Method : As Per Test Method Sample Inward No. : ELPL/Sept-24/55/34/S-24	Environmental Condition : Sunny (during sampling)		
Sampling Date : 10-09-2024 Sample Receipt Date : 11-09-2024	Sampled By: ELPL, Representative		
Stack Height : 3.50 mtr above enclosure Stack Diameter at Port : 0.30 mtr Type of Fuel : Diesel	Temperature of Flue Gas: 112 °C  Velocity of Flue Gas: 8.71 m/sec  Flow Rate of Flue Gas: 1663.77 Nm <sup>3</sup> /hr		

### **Results of Analysis**

Sr. No.	Test Parameters	Unit	Norm*	Result	Test Method
	ne : Chemical, Group : Atmosp.	heric Pollution,	Materials/ Pr	oducts Tested : Sta	nck Emission
1.	Particulate Matter	mg/Nm³	100	29.4	IS 11255 (Part 1)
2.	Sulphur Dioxide (as SO <sub>2</sub> )	mg/Nm³	_	57.6	IS 11255 (Part 2)
3.	Sulphur Dioxide (as SO <sub>2</sub> )	kg/day	16	2.30	IS 11255 (Part 2)
Note:	*Consent No. Format 1.0/CC/     Test results relates to sample control Partially or fully without prior	ollected & tested	only for the select	00461 Dtd. 06-03-202 cted parameters. It sha	iii not be reproduced
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\*\* End of the Report \*\*

(C.P. Jadhao) Quality Manager





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> Test Report Source Noise Quality

Format No.: ELPL/QD4/TRD/7.8/IL

Report No.: ELPL/09-24/04-A	Report Date: 19-09-2024
Name & Address of the Customer: M/s. INVENTY Plot No .K-38,	YS RESEARCH CO. PVT. LTD., MIDC, Butibori, Dist Nagpur.
Ref.: Verbal	
Sample Type : Source Noise	Sampling Location : D.G.Set 500 KVA
Sampling Ref Method: IS 4758 Sample Inward No. : ELPL/Sept-24/55/34/IL-04	Environment Condition : Sunny (during sampling)
Sampling Date : 10-09-2024	Sampled By: ELPL Representative

#### **Results of Measurements**

Test Parameter	Measurement	Sound Pressure Level dB(A) Inside D.G Set Acoustic Enclosure	Sound Pressure Level dB(A) 0.5 m from D.G Set Acoustic Enclosure	Insertion Loss in dB(A)
iscipline: Chemical, Group: A	Atmospheric Pollution	, Materials/ Product	s Tested : Source Noise	
I - 1 - 1 - 1D(A)	Avg.	92.3	66.2	26.1
Insertion Loss in dB(A)	Norms*			> 25

Note: 1. \*indicates Rule 4 of Noise Pollution (Regulation & Control) Amendment Rules, 2000 (S.O. 1046 (E) dtd 22-11-2000

2. Test results relates to sample collected & tested only for the selected parameters. It shall not be reproduced partially or fully

Without prior approval of ELPL.

Verified & Authorized by

(C.P. Jadhao) Quality Manager





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C-11, Amar Enclave Commercial Wing, Jog Layout, Prashant Nagar, Near Ajni Square, Nagpur – 440 015, Tel & Fax: (0712) 2251470, Cell: 9766616862 Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

# Test Report Ambient Noise Quality

Format No.: ELPL/QD4/TRD/7.8/AN

Report No.: ELPL/09-24/13-A Report Date : 19-09-2024		
	TYS RESEARCH CO. PVT. LTD., , MIDC, Butibori, Dist Nagpur.	
Ref: Verbal		
Sample Type : Ambient Noise	Sampling Location : Near Security Main Gate	
Sampling Ref Method: IS 9989 Sample Inward No. : ELPL/Sept-24/55/34/AN-13	Environmental Condition : Sunny (during sampling)	
Sampling Date : 10-09-2024	Sampled by: ELPL Representative	
Location (Type) : Industrial / Commercial / Residential/	Silence	

#### **Results of Measurements**

	Test Parameter	During Day Time (Hrly Avg)	During Night Time (Hrly Avg)
Discipline : (	Chemical, Group: Atmospheric I	Pollution, Materials/Products Tested:	Ambient Noise
Е	quivalent Sound Level Leq dB(A)	61.2	49.4
- 4	Industrial Area	75	70
	Commercial Area	65	55
Norms*	Residential Area	55	45
	Silence Zone	50	40

Note: 1. \*indicates Rule 4 of Noise Pollution (Regulation & Control) Amendment Rules, 2000 (S.O. 1046 (E) dtd 22-11-2000

Test results relates to sample collected & tested only for the selected parameters. It shall not be reproduced partially or fully Without prior approval of ELPL.

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# Test Report Ambient Noise Quality

Format No.: ELPL/QD4/TRD/7.8/AN

Report No.: ELPL/09-24/14-A Report Date : 19-09-2024		
Name & Address of the Customer: M/s. INVENTYS R Plot No. K-38, MID	/ENTYS RESEARCH CO. PVT. LTD., K-38, MIDC, Butibori, Dist Nagpur.	
Ref: Verbal		
Sample Type : Ambient Noise	Sampling Location: Near Boiler House	
Sampling Ref Method: IS 9989 Sample Inward No. : ELPL/Sept-24/55/34/AN-14	Environmental Condition : Sunny (during sampling)	
Sampling Date : 10-09-2024	Sampled by: ELPL Representative	

#### **Results of Measurements**

	Test Parameter	During Day Time (Hrly Avg)	During Night Time (Hrly Avg)
Discipline : C	Chemical, Group: Atmospheric P	collution, Materials/ Products Tested	Ambient Noise
Е	quivalent Sound Level Leq dB(A)	62.5	52.1
200	Industrial Area	75	70
	Commercial Area	65	55
Norms*	Residential Area	55	45
		50	40

Note: 1. \*indicates Rule 4 of Noise Pollution (Regulation & Control) Amendment Rules, 2000 (S.O. 1046 (E) dtd 22-11-2000

2. Test results relates to sample collected & tested only for the selected parameters. It shall not be reproduced partially or fully

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Test Report
Workplace Noise Quality Format No.: ELPL/QD4/TRD/7.8/WN

Report No.: ELPL/09-24/06-A	Report Date: 19-09-2024
	YS RESEARCH CO. PVT. LTD., MIDC, Butibori, Dist Nagpur.
Ref.: Verbal	
Sample Type : Workplace Noise	Sampling Location: Near Utility Section
Sampling Ref Method: IS 9989 Sample Inward No. : ELPL/Sept-24/55/34/WN-06	Environmental Condition : Sunny (during sampling)
Sampling Date : 10-09-2024	Sampled by : ELPL Representative

#### Results of Measurements

Parameter	Norms*	Hourly Average
Discipline: Chemical, Group: Atmospheric Pollution	n, Materials/ Products Tested : V	Vorkplace Noise
Sound Pressure Level Lp dB(A)	85	72.2
Note: 1. * Model Factories Rules (MFR 120) Part II, Sch	edule XXIV, Section 87, Factories A	ct
Test results relates to sample collected & tested or Without prior approval of ELPL.	nly for the selected parameters. It shall	not be reproduced partially or fully
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Test Report Workplace Noise Quality

Format No.: ELPL/QD4/TRD/7.8/WN

Report No.: ELPL/09-24/07-A	Report Date: 19-09-2024	
	RESEARCH CO. PVT. LTD., Butibori, Dist Nagpur.	
Ref.: Verbal		
Sample Type : Workplace Noise	Sampling Location: Inside Boiler Area	
Sampling Ref Method: IS 9989 Sample Inward No. : ELPL/Sept-24/55/34/WN-07	Environmental Condition : Sunny (during sampling)	

#### **Results of Measurements**

Parameter	Norms*	Hourly Average
Discipline: Chemical, Group: Atmospheric Pollution, Ma	terials/Products Tested : Workp	lace Noise
Sound Pressure Level Lp dB(A)	85	70.5
Note: 1. * Model Factories Rules (MFR 120) Part II, Schedule X 2. Test results relates to sample collected & tested only for Without prior approval of ELPL.		e reproduced partially or fully
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Test Report
Workplace Noise Quality

Format No.: ELPL/QD4/TRD/7.8/WN

Report No.: ELPL/09-24/08-A	Report Date: 19-09-2024
	RESEARCH CO. PVT. LTD., C, Butibori, Dist Nagpur.
Ref.: Verbal	
Sample Type : Workplace Noise	Sampling Location: Inside 2-A Plant Ground Floor
Sampling Ref Method: IS 9989 Sample Inward No. : ELPL/Sept-24/55/34/WN-08	Environmental Condition : Sunny (during sampling)
Sampling Date : 10-09-2024	Sampled by : ELPL Representative

#### **Results of Measurements**

Parameter	Norms*	Hourly Average
Discipline: Chemical, Group: Atmospheric Pollution, Ma	terials/ Products Tested : Workp	lace Noise
Sound Pressure Level Lp dB(A)	85	62.4
Note: 1. * Model Factories Rules (MFR 120) Part II, Schedule 2.  2. Test results relates to sample collected & tested only for the Without prior approval of ELPL.		
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Test Report
Workplace Noise Quality

Format No.: ELPL/QD4/TRD/7.8/WN

Report No.: ELPL/09-24/09-A	Report Date: 19-09-2024
	RESEARCH CO. PVT. LTD., DC, Butibori, Dist Nagpur.
Ref.: Verbal	
Sample Type : Workplace Noise	Sampling Location: Inside 2-A Plant First Floor
Sampling Ref Method: IS 9989 Sample Inward No. : ELPL/Sept-24/55/34/WN-09	Environmental Condition : Sunny (during sampling)
Sampling Date : 10-09-2024	Sampled by : ELPL Representative

#### **Results of Measurements**

Parameter	Norms*	Hourly Average
Discipline: Chemical, Group: Atmospheric Pollution,	Materials/ Products Tested : Wo	rkplace Noise
Sound Pressure Level Lp dB(A)	85	68.4
Note: 1. * Model Factories Rules (MFR 120) Part II, Sched	ule XXIV Section 87 Factories Act	
<ol><li>Test results relates to sample collected &amp; tested only Without prior approval of ELPL.</li></ol>	for the selected parameters. It shall not	be reproduced partially or fully
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Test Report
Workplace Noise Quality

ality | Format No.: ELPL/QD4/TRD/7.8/WN

Report No.: ELPL/09-24/10-A	Report Date: 19-09-2024
	RESEARCH CO. PVT. LTD., C, Butibori, Dist Nagpur.
Ref.: Verbal	
Sample Type : Workplace Noise	Sampling Location: Inside 1-A Plant Ground Floor
Sampling Ref Method: IS 9989 Sample Inward No.: ELPL/Sept-24/55/34/WN-10	Environmental Condition: Sunny (during sampling)
Sampling Date : 10-09-2024	Sampled by : LPL Representative

#### **Results of Measurements**

Parameter	Norms*	Hourly Average
Discipline: Chemical, Group: Atmospheric Pollution	n, Materials/ Products Tested : V	Workplace Noise
Sound Pressure Level	85	65.3
Lp dB(A)	83	03.5
	edule XXIV, Section 87, Factories	Act not be reproduced partially or fully
Note: 1. * Model Factories Rules (MFR 120) Part II, Sch 2. Test results relates to sample collected & tested or	edule XXIV, Section 87, Factories	Act
Note: 1. * Model Factories Rules (MFR 120) Part II, Sch 2. Test results relates to sample collected & tested or	edule XXIV, Section 87, Factories	Act not be reproduced partially or fully  Verified & Authorized b





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Test Report
Workplace Noise Quality

Format No.: ELPL/QD4/TRD/7.8/WN

Report No.: ELPL/09-24/11-A	Report Date: 19-09-2024
Name & Address of the Customer: M/s. INVENTYS Plot No .K-38, MIDC, B	
Ref.: Verbal	
Sample Type : Workplace Noise	Sampling Location: Inside 1-A Plant First Floor
Sampling Ref Method: IS 9989 Sample Inward No.: ELPL/Sept-24/55/34/WN-11	Environmental Condition : Sunny (during sampling)
Sampling Date: 10-09-2024	Sampled by : ELPL Representative

#### **Results of Measurements**

Parameter	Norms*	Hourly Average
Discipline: Chemical, Group: Atmospheric Pollution,	Materials/ Products Tested : Wor	kplace Noise
Sound Pressure Level Lp dB(A)	85	67.2
Note: 1. * Model Factories Rules (MFR 120) Part II. Schedul 2. Test results relates to sample collected & tested only for Without prior approval of ELPL.	e XXIV, Section 87, Factories Act or the selected parameters. It shall not	be reproduced partially or fully  Verified & Authorized by
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Test Report
Workplace Noise Quality

Format No.: ELPL/QD4/TRD/7.8/WN

Report No.: ELPL/09-24/12-A	Report Date: 19-09-2024
Name & Address of the Customer: M/s. INVENTYS : Plot No .K-38, MIDC, B	
Ref.: Verbal	
Sample Type : Workplace Noise	Sampling Location: Inside 3-A Plant Ground Floor
Sampling Ref Method: IS 9989 Sample Inward No. : ELPL/Sept-24/55/34/WN-12	Environmental Condition : Sunny (during sampling)
Sampling Date: 10-09-2024	Sampled by : ELPL Representative

#### **Results of Measurements**

Parameter	Norms*	Hourly Average
Discipline: Chemical, Group: Atmospheric Pollution, M	Saterials/ Products Tested : Wo	rkplace Noise
Sound Pressure Level Lp dB(A)	85	61.3
Note: 1. * Model Factories Rules (MFR 120) Part II. Schedule 2. Test results relates to sample collected & tested only fo Without prior approval of ELPL.	r the selected parameters. It shall no	t be reproduced partially or fully
Note: 1. * Model Factories Rules (MFR 120) Part II. Schedule 2. Test results relates to sample collected & tested only for	xXIV, Section 87, Factories Actor the selected parameters. It shall no	t be reproduced partially or fully  Verified & Authorized by  (C.P. Jadha)





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# Test Report Workplace Noise Quality

Format No.: ELPL/QD4/TRD/7.8/WN

Report No.: ELPL/09-24/13-A	Report Date: 19-09-2024
Name & Address of the Customer: M/s. INVENTYS Plot No .K-38, MIDC, B	
Ref.: Verbal	
Sample Type : Workplace Noise	Sampling Location: Hydrogenation Plant
Sampling Ref Method: IS 9989 Sample Inward No.: ELPL/Sept-24/55/34/WN-13	Environmental Condition : Sunny (during sampling)
Sampling Date : 10-09-2024	Sampled by : ELPL Representative

#### **Results of Measurements**

Parameter	Norms*	Hourly Average
Discipline: Chemical, Group: Atmospheric Pollution,	Materials/ Products Tested : Wo	orkplace Noise
Sound Pressure Level Lp dB(A)	85	60.7
Note: 1. * Model Factories Rules (MFR 120) Part II. Schedu 2. Test results relates to sample collected & tested only Without prior approval of ELPL.		t be reproduced partially or fully
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Test Report
Workplace Noise Quality

Format No.: ELPL/QD4/TRD/7.8/WN

Report No.: ELPL/09-24/14-A	Report Date: 19-09-2024	
	RESEARCH CO. PVT. LTD., C, Butibori, Dist Nagpur.	
Ref.: Verbal		
Sample Type : Workplace Noise	Sampling Location: Inside 2C Plant 1st Floor	
Sampling Ref Method: IS 9989 Sample Inward No.: ELPL/Sept-24/55/34/WN-14	Environmental Condition : Sunny (during sampling)	
Sampling Date: 10-09-2024	Sampled by : ELPL Representative	

#### **Results of Measurements**

Parameter	Norms*	Hourly Average
Discipline: Chemical, Group: Atmospheric Pollution, M	aterials/ Products Tested : W	orkplace Noise
Sound Pressure Level Lp dB(A)	85	78.4
Note: 1. * Model Factories Rules (MFR 120) Part II. Schedule 2. Test results relates to sample collected & tested only for		
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without prior approval of ELPL	S (NAGPUR)	Verified & Authorized by





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**Test Report** Workplace Noise Quality

Format No.: ELPL/QD4/TRD/7.8/WN

Report No.: ELPL/09-24/15-A	Report Date: 19-09-2024
	RESEARCH CO. PVT. LTD., C, Butibori, Dist Nagpur.
Ref.: Verbal	
Sample Type : Workplace Noise	Sampling Location: Inside Compressor House
Sampling Ref Method: IS 9989 Sample Inward No.: ELPL/Sept-24/55/34/WN-15	Environmental Condition : Sunny (during sampling)

#### **Results of Measurements**

Parameter	Norms*	Hourly Average
Discipline: Chemical, Group: Atmospheric Pollution	Materials/ Products Tested : W	orkplace Noise
Sound Pressure Level	85	62.3

Without prior approval of ELPL.

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Test Report
Workplace Noise Quality

Format No.: ELPL/QD4/TRD/7.8/WN

Report No.: ELPL/0	9-24/16-A	Report Date: 19-09-2024	
Name & Address of		RESEARCH CO. PVT. LTD., C, Butibori, Dist Nagpur.	
Ref.: Verbal			
Sample Type	: Workplace Noise	Sampling Location: Inside 2c Plant 2nd Floor	
Sampling Ref Method Sample Inward No.	od : IS 9989 : ELPL/Sept-24/55/34/WN-16	Environmental Condition : Sunny (during sampling)	
Sampling Date: 10-	00.2024	Sampled by : ELPL Representative	

#### **Results of Measurements**

Parameter	Norms*	Hourly Average
Discipline: Chemical, Group: Atmospheric Pollution, I	Materials/ Products Tested : Wo	orkplace Noise
Sound Pressure Level Lp dB(A)	85	64.4
Note: 1. * Model Factories Rules (MFR 120) Part II, Schedu 2. Test results relates to sample collected & tested only f Without prior approval of ELPL.	for the selected parameters. It shall no	t of the reproduced partially or fully Verified & Authorized b
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Test Report
Workplace Noise Quality

Format No.: ELPL/QD4/TRD/7.8/WN

Report No.: ELPL/09-24/17-A	Report Date: 19-09-2024	
	RESEARCH CO. PVT. LTD., C, Butibori, Dist Nagpur.	
Ref.: Verbal		
Sample Type : Workplace Noise	Sampling Location: Inside ETP Plant	
Sampling Ref Method: IS 9989 Sample Inward No.: ELPL/Sept-24/55/34/WN-17	Environmental Condition : Sunny (during sampling)	
Sampling Date: 10-09-2024	Sampled by : ELPL Representative	

#### **Results of Measurements**

Parameter	Norms*	Hourly Average
Discipline: Chemical, Group: Atmospheric Pollution, I	Materials/ Products Tested : Wo	rkplace Noise

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## Test Report Workplace Noise Quality

Format No.: ELPL/QD4/TRD/7.8/WN

Report No.: ELPL/09-24/18-A	Report Date: 19-09-2024	
Name & Address of the Customer: M/s. INVENTYS Plot No .K-38, MIDC, B	RESEARCH CO. PVT. LTD., utibori, Dist Nagpur.	
Ref.: Verbal		
Sample Type : Workplace Noise	Sampling Location: D.G. Set Area	
Sampling Ref Method: IS 9989 Sample Inward No.: ELPL/Sept-24/55/34/WN-18	Environmental Condition : Sunny (during sampling)	
Sampling Date: 10-09-2024	Sampled by : ELPL Representative	

#### **Results of Measurements**

Parameter	Norms*	Hourly Average
Discipline: Chemical, Group: Atmospheric Pollution, M	Materials/ Products Tested : Wo	orkplace Noise
Sound Pressure Level Lp dB(A)	85	67.6
Note: 1. * Model Factories Rules (MFR 120) Part II, Schedul 2. Test results relates to sample collected & tested only for		
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# Test Report Illumination Levels

Format No.: ELPL/QD4/TRD/7.8/LL

Report No.: ELPL/09-24/04-B	Report Date: 19-09-2024	
	ESEARCH CO. PVT. LTD., Butibori, Dist Nagpur.	
Ref.: Verbal		
Sample Type : Illumination	Sampling Location: Crystallization Section at Ground Floor	
Sampling Ref Method: ELPL SOP based on Operation Manual of Light Meter Sample Inward No. : ELPL/Sept-24/55/34/LL-04	Environmental Condition : Night (during sampling)	
Sampling Date : 10-09-2024	Sampled by : ELPL Representative	

#### **Results of Measurements**

Parameter	Norms*	Average
Minimum Intensity of Illumination, Lux	> 100	101.2

Note: 1.\* indicates Rules 35 of Maharashtra Factories rules, 1963

Test results relates to sample collected & tested only for the selected parameters. It shall not be reproduced partially or fully Without prior approval of ELPL.

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### Test Report Illumination Levels

Format No.: ELPL/QD4/TRD/7.8/LL

Report No.: ELPL/09-24/05-B	Report Date: 19-09-2024	
	: M/s. INVENTYS RESEARCH CO. PVT. LTD., Plot No .K-38, MIDC, Butibori, Dist Nagpur.	
Ref.: Verbal		
Sample Type : Illumination Sampling Ref Method : ELPL SOP based on Operati	Sampling Location : RCVD Section First Floor	
Manual of Light Meter Sample Inward No. : ELPL/Sept-24/55/34/LL-05	Environmental Condition : Night (during sampling)	
Sampling Date : 10-09-2024 Sampled by : ELPL Representati		

#### **Results of Measurements**

Parameter	Norms*	Average
Minimum Intensity of Illumination, Lux	> 100	114.3

Note: 1. \* indicates Rules 35 of Maharashtra Factories rules, 1963

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#### Test Report Illumination Levels

Format No.: ELPL/QD4/TRD/7.8/LL

Report No.: ELPL/09-24/06-B	Report Date: 19-09-2024	
	: M/s. INVENTYS RESEARCH CO. PVT. LTD., Plot No .K-38, MIDC, Butibori, Dist Nagpur.	
Ref.: Verbal		
Sample Type : Illumination Sampling Ref Method : ELPL SOP based on	Sampling Location: Crystallization Section at Top Floor	
Operation Manual of Light Meter Sample Inward No. : ELPL/Sept-24/55/34/LL-06	Environmental Condition : Night (during sampling)	
Sampling Date : 10-09-2024	Sampled by : ELPL Representative	

#### **Results of Measurements**

Parameter	Norms*	Average
Minimum Intensity of Illumination, Lux	> 100	116.2

Note: 1. \* indicates Rules 35 of Maharashtra Factories rules, 1963

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### Test Report Illumination Levels

Format No.: ELPL/QD4/TRD/7.8/LL

Report No.: ELPL/09-24/07-B	Report Date: 19-09-2024	
Name & Address of the Customer: M/s. INVENTYS RESEARCH CO. PVT. LTD., Plot No .K-38, MIDC, Butibori, Dist Nagpur.		
Ref.: Verbal		
Sample Type : Illumination Sampling Ref Method : ELPL SOP based on	Sampling Location : Crystallization Section at Ground Floor	
Operation Manual of Light Meter Sample Inward No. : ELPL/Sept-24/55/34/LL-07	Environmental Condition : Night (during sampling)	
Sampling Date : 10-09-2024	Sampled by : ELPL Representative	

#### **Results of Measurements**

Parameter	Norms*	Average	
Minimum Intensity of Illumination, Lux	> 100	320.8	

Note: 1.\* indicates Rules 35 of Maharashtra Factories rules, 1963

2. Test results relates to sample collected & tested only for the selected parameters. It shall not be reproduced partially or fully Without prior approval of ELPL.

Verified & Authorized by

(C.P. Jadhao) Quality Manager



**Environmental Laboratory & Consultancy Organization** 

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C-11, Amar Enclave Commercial Wing, Jog Layout, Prashant Nagar, Near Ajni Square, Nagpur – 440 015, Tel & Fax: (0712) 2251470, Celi: 9766616862 Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

### **Test Report Illumination Levels**

Format No.: ELPL/QD4/TRD/7.8/LL

Report No.: ELPL/09-24/08-B	Report Date: 19-09-2024	
	M/s. INVENTYS RESEARCH CO. PVT. LTD., Plot No .K-38, MIDC, Butibori, Dist Nagpur.	
Ref.: Verbal		
Sample Type : Illumination	Sampling Location: Inside 2 C IInd Floor	
Sampling Ref Method: ELPL SOP based on Operation Manual of Light Meter Sample Inward No. : ELPL/Sept-24/55/34/LL-08	Environmental Condition : Night (during sampling)	
Sampling Date : 10-09-2024	Sampled by : ELPL Representative	

#### **Results of Measurements**

Parameter	Norms*	Average
Minimum Intensity of Illumination, Lux	> 100	384.1

Note: 1. \* indicates Rules 35 of Maharashtra Factories rules, 1963

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#### Test Report Illumination Levels

Format No.: ELPL/QD4/TRD/7.8/LL

Report No.: ELPL/09-24/09-B	Report Date: 19-09-2024
Name & Address of the Customer: M/s. INVENTYS RI Plot No .K-38, MIDC, B	ESEARCH CO. PVT. LTD., utibori, Dist Nagpur.
Ref.: Verbal	
Sample Type : Illumination Sampling Ref Method : ELPL SOP based on Operation	Sampling Location: Inside 2 C III <sup>rd</sup> Floor
Manual of Light Meter Sample Inward No. : ELPL/Sept-24/55/34/LL-09	Environmental Condition : Night (during sampling)
Sampling Date : 10-09-2024	Sampled by: ELPL Representative

#### **Results of Measurements**

Parameter	Norms*	Average
Minimum Intensity of Illumination, Lux	> 100	362.8

Note: 1. \* indicates Rules 35 of Maharashtra Factories rules, 1963

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### Test Report Illumination Levels

Format No.: ELPL/QD4/TRD/7.8/LL

Report No.: ELPL/09-24/10-B	Report Date: 19-09-2024	
	M/s. INVENTYS RESEARCH CO. PVT. LTD., Plot No .K-38, MIDC, Butibori, Dist Nagpur.	
Ref.: Verbal		
Sample Type : Illumination Sampling Ref Method : ELPL SOP based on Operation	Sampling Location: Inside 2 C Tank Farm Ist Floor	
Manual of Light Meter Sample Inward No. : ELPL/Sept-24/55/34/LL-10	Environmental Condition : Night (during sampling)	
Sampling Date : 10-09-2024	Sampled by : ELPL Representative	

#### **Results of Measurements**

Parameter	Norms*	Average
Minimum Intensity of Illumination, Lux	> 100	384.1

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#### Test Report Illumination Levels

Format No.: ELPL/QD4/TRD/7.8/LL

Report No.: ELPL/09-24/11-B	Report Date: 19-09-2024
Name & Address of the Customer: M/s. INVENTYS RI Plot No .K-38, MIDC, B	ESEARCH CO. PVT. LTD., utibori, Dist Nagpur.
Ref.: Verbal	
Sample Type : Illumination Sampling Ref Method : ELPL SOP based on Operation	Sampling Location: Inside 2 C Plant Ist Floor
Manual of Light Meter Sample Inward No. : ELPL/Sept-24/55/34/LL-11	Environmental Condition: Night (during sampling)
Sampling Date : 10-09-2024	Sampled by : ELPL Representative

#### **Results of Measurements**

Parameter	Norms*	Average
Minimum Intensity of Illumination, Lux	>100	393.6

Note: 1. \* indicates Rules 35 of Maharashtra Factories rules, 1963

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# Test Report Illumination Levels

Format No.: ELPL/QD4/TRD/7.8/LL

Report No.: ELPL/09-24/12-B	Report Date: 19-09-2024	
Name & Address of the Customer: M/s. INVENTYS RESEARCH CO. PVT. LTD., Plot No .K-38, MIDC, Butibori, Dist Nagpur.		
Ref.: Verbal		
Sample Type : Illumination	Sampling Location : 3-AB Plant Ist Floor	
Sampling Ref Method: ELPL SOP based on Operation Manual of Light Meter Sample Inward No. : ELPL/Sept-24/55/34/LL-12	Environmental Condition: Night (during sampling)	
Sampling Date : 10-09-2024	Sampled by : ELPL Representative	

#### **Results of Measurements**

Parameter	Norms*	Average
Minimum Intensity of Illumination, Lux	> 100	184.3

Note: 1. \* indicates Rules 35 of Maharashtra Factories rules, 1963

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### Test Report Illumination Levels

Format No.: ELPL/QD4/TRD/7.8/LL

Report No.: ELPL/09-24/13-B	Report Date: 19-09-2024	
Name & Address of the Customer: M/s. INVENTYS RI Plot No .K-38, MIDC, B	ESEARCH CO. PVT. LTD., utibori, Dist Nagpur.	
Ref.: Verbal		
Sample Type : Illumination Sampling Ref Method : ELPL SOP based on Operation	Sampling Location : 3-AB Plant II <sup>nd</sup> Floor	
Manual of Light Meter Sample Inward No. : ELPL/Sept-24/55/34/LL-13	Environmental Condition: Night (during sampling)	
Sampling Date : 10-09-2024	Sampled by : ELPL Representative	

#### **Results of Measurements**

Parameter	Norms*	Average
Minimum Intensity of Illumination, Lux	> 100	103.1

Test results relates to sample collected & tested only for the selected parameters. It shall not be reproduced partially or fully Without prior approval of ELPL.

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# Test Report Illumination Levels

Format No.: ELPL/QD4/TRD/7.8/LL

Report No.: ELPL/09-24/14-B	Report Date: 19-09-2024	
Name & Address of the Customer: M/s. INVENTYS RI Plot No .K-38, MIDC, B	ESEARCH CO. PVT. LTD., butibori, Dist Nagpur.	
Ref.: Verbal		
Sample Type : Illumination	Sampling Location : 3-AB Plant III <sup>rd</sup> Floor	
Sampling Ref Method: ELPL SOP based on Operation Manual of Light Meter Sample Inward No. : ELPL/Sept-24/55/34/LL-14	Environmental Condition : Night (during sampling)	
Sampling Date : 10-09-2024	Sampled by : ELPL Representative	

#### **Results of Measurements**

Parameter	Norms*	Average
Minimum Intensity of Illumination, Lux	> 100	107.2

Note: 1. \* indicates Rules 35 of Maharashtra Factories rules, 1963

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# Test Report Illumination Levels

Format No.: ELPL/QD4/TRD/7.8/LL

Report No.: ELPL/09-24/15-B	Report Date: 19-09-2024	
Name & Address of the Customer: M/s. INVENTYS RI Plot No .K-38, MIDC, H	ESEARCH CO. PVT. LTD., Butibori, Dist Nagpur.	
Ref.: Verbal		
Sample Type : Illumination Sampling Ref Method : ELPL SOP based on Operation	Sampling Location: Pilot Ground Floor	
Manual of Light Meter  Sample Inward No. : ELPL/Sept-24/55/34/LL-15	Environmental Condition: Night (during sampling)	
Sampling Date : 10-09-2024	Sampled by: ELPL Representative	

#### **Results of Measurements**

Parameter	Norms*	Average
Minimum Intensity of Illumination, Lux	> 100	119.1

Note: 1. \* indicates Rules 35 of Maharashtra Factories rules, 1963

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ABC

### Test Report Illumination Levels

Format No.: ELPL/QD4/TRD/7.8/LL

Report No.: ELPL/09-24/16-B	Report Date: 19-09-2024	
	INVENTYS RESEARCH CO. PVT. LTD., Io .K-38, MIDC, Butibori, Dist Nagpur.	
Ref.: Verbal		
Sample Type : Illumination Sampling Ref Method : ELPL SOP based on Operation	Sampling Location: Pilot 1st Floor	
Manual of Light Meter Sample Inward No. : ELPL/Sept-24/55/34/LL-16	Environmental Condition : Night (during sampling)	
Sampling Date : 10-09-2024 Sampled by : ELPL Representative		

#### **Results of Measurements**

Parameter	Norms*	Average
Minimum Intensity of Illumination, Lux	> 100	101.7

Note: 1. \* indicates Rules 35 of Maharashtra Factories rules, 1963

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### Test Report Illumination Levels

Format No.: ELPL/QD4/TRD/7.8/LL

Report No.: ELPL/09-24/17-B	Report Date: 19-09-2024	
	s. INVENTYS RESEARCH CO. PVT. LTD., t No .K-38, MIDC, Butibori, Dist Nagpur.	
Ref.: Verbal		
Sample Type : Illumination Sampling Ref Method : ELPL SOP based on Operation	Sampling Location: Pilot 2 <sup>nd</sup> Floor	
Manual of Light Meter  Sample Inward No. : ELPL/Sept-24/55/34/LL-17	Environmental Condition : Night (during sampling)	
Sampling Date : 10-09-2024	Sampled by : ELPL Representative	

#### **Results of Measurements**

Parameter	Norms*	Average
Minimum Intensity of Illumination, Lux	> 100	127.3

Note: 1. \* indicates Rules 35 of Maharashtra Factories rules, 1963

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# Test Report Illumination Levels

Format No.: ELPL/QD4/TRD/7.8/LL

Report No.: ELPL/09-24/18-B	Report Date : 19-09-2024	
	M/s. INVENTYS RESEARCH CO. PVT. LTD., Plot No .K-38, MIDC, Butibori, Dist Nagpur.	
Ref.: Verbal		
Sample Type : Illumination Sampling Ref Method : ELPL SOP based on Operation	Sampling Location: Pilot 3rd Floor	
Manual of Light Meter Sample Inward No. : ELPL/Sept-24/55/34/LL-18	Environmental Condition: Night (during sampling)	
Sampling Date : 10-09-2024	Sampled by : ELPL Representative	

#### **Results of Measurements**

Parameter	Norms*	Average
Minimum Intensity of Illumination, Lux	> 100	130.7

Note: 1. \* indicates Rules 35 of Maharashtra Factories rules, 1963

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### **Test Report Illumination Levels**

Format No.: ELPL/QD4/TRD/7.8/LL

Report No.: ELPL/09-24/19-B	Report Date : 19-09-2024	
Name & Address of the Customer: M/s. INVENTYS RI Plot No .K-38, MIDC, E	ESEARCH CO. PVT. LTD., Butibori, Dist Nagpur.	
Ref.: Verbal		
Sample Type : Illumination Sampling Ref Method : ELPL SOP based on Operation	Sampling Location: Inside KNCT Building 1st Floor	
Manual of Light Meter Sample Inward No. : ELPL/Sept-24/55/34/LL-19	Environmental Condition : Night (during sampling)	
Sampling Date : 10-09-2024	Sampled by : ELPL Representative	

#### **Results of Measurements**

Parameter	Norms*	Average
Minimum Intensity of Illumination, Lux	> 100	129.2

Note: 1. \* indicates Rules 35 of Maharashtra Factories rules, 1963

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### Test Report Illumination Levels

Format No.: ELPL/QD4/TRD/7.8/LL

Report No.: ELPL/09-24/20-B	Report Date: 19-09-2024	
Name & Address of the Customer: M/s. INVENTYS R Plot No .K-38, MIDC, B	RESEARCH CO. PVT. LTD., Butibori, Dist Nagpur.	
Ref.: Verbal	, 01	
Sample Description : Illumination Sampling Ref Method : ELPL SOP based on Operation	Sampling Location: KNCT Building Ground Floor	
Manual of Light Meter Sample Inward No. : ELPL/Sept-24/55/34/LL-20	Environmental Condition : Night (during sampling)	
Sampling Date : 10-09-2024	Sampled by : ELPL Representative	

#### **Results of Measurements**

Parameter	Norms*	Average
Minimum Intensity of Illumination, Lux	> 100	129.6

Note: 1. \* indicates Rules 35 of Maharashtra Factories rules, 1963

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### **Test Report Illumination Levels**

Format No.: ELPL/QD4/TRD/7.8/LL

Report No.: ELPL/09-24/21-B	Report Date : 19-09-2024	
	NVENTYS RESEARCH CO. PVT. LTD., o .K-38, MIDC, Butibori, Dist Nagpur.	
Ref.: Verbal		
Sample Type : Illumination Sampling Ref Method: ELPL SOP based on Operation	Sampling Location: Inside Boiler House	
Manual of Light Meter  Sample Inward No. : ELPL/Sept-24/55/34/LL-21	Environmental Condition : Night (during sampling)	
Sampling Date : 10-09-2024	Sampled by : ELPL Representative	

#### Results of Measurements

Parameter	Norms*	Average
Minimum Intensity of Illumination, Lux	>100	149.2

Note: 1. \* indicates Rules 35 of Maharashtra Factories rules, 1963

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### Test Report Illumination Levels

Format No.: ELPL/QD4/TRD/7.8/LL

Report No.: ELPL/09-24/22-B	Report Date: 19-09-2024	
	TYS RESEARCH CO. PVT. LTD., 8, MIDC, Butibori, Dist Nagpur.	
Ref.: Verbal		
Sample Description : Illumination	Sampling Location: Hydrolysis Section	
Sampling Ref Method: ELPL SOP based on Operation Manual of Light Meter Sample Inward No. : ELPL/Sept-24/55/34/LL-22	Environmental Condition: Night (during sampling)	
Sampling Date : 10-09-2024	Sampled by : ELPL Representative	

#### **Results of Measurements**

Parameter	Norms*	Average
Minimum Intensity of Illumination, Lux	>100	133.8

Test results relates to sample collected & tested only for the selected parameters. It shall not be reproduced partially or fully Without prior approval of ELPL.

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