



TC-12331



EARTHCARE LABS PRIVATE LIMITED

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 Ref Method : IS 3025 (Part 1): 1987 RA 2019 Sample Inward No: : ELPL/Sept-24/55/19/W-08 | Sampling Location : Drinking Water from Tap Near Canteen Environmental Condition : Sunny (during sampling) |
| Sampling Date : 10-09-2024 Sample Receipt Date : 10-09-2024 | Sampled By: ELPL Representative |
| Period of Analysis : From 11-09-2024 to 19-09-2024 | |

Results of Analysis

| Sr. No. | Test Parameters | Unit | Norms* | Result | Test Method |
|--|------------------------|-------------|------------|--------------|---|
| Discipline : Chemical, Group : Water & Residues in water, Materials/ Products Tested : 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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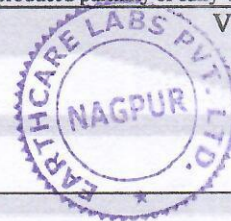
Format No. : ELPL/QD4/TRD/7.8/W

| Report 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 ₄) | mg/l | 200/400 | 13.2 | APHA-23 rd Ed. 4500-SO ₄ ²⁻ E |
| 19. | Total Alkalinity (as CaCO ₃) | mg/l | 200/600 | 125.0 | IS 3025 (Part 23) |
| 20. | Total Hardness (as CaCO ₃) | 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 on 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**** End of the Report ****



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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

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 Location : Drinking Water from Tap Near Canteen Environmental Condition : Sunny (during sampling) |
| Sampling Date : 10-09-2024 Sample Receipt Date : 10-09-2024 | Sampled By: ELPL Representative |
| Period of Analysis : From 11-09-2024 to 19-09-2024 | |

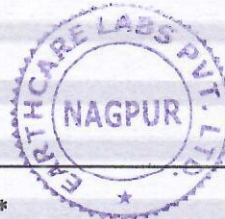
Results of Analysis

| Sr. No. | Test Parameters | Unit | Norms* | Result | Test Method |
|--|--|------|-------------|---------------|--|
| Discipline : Chemical, Group : Water & Residues in water, 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 ₃) | mg/l | 45 | 4.99 | APHA -23 rd Ed. -4500 (NO ₃ -) (B) |
| 4. | Phenolic Compounds or Phenol (as C ₆ H ₅ OH) | mg/l | 0.001/0.002 | BDL (< 0.001) | IS 3025 (Part 43): 1992 RA 2019 |
| 5. | Sulphide (as H ₂ 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

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

(C.P. Jadhao)
Quality Manager

** End of the Report **



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Test Report Effluent Quality

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

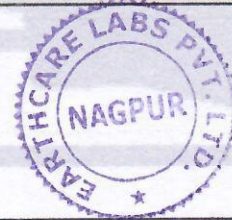
| | |
|--|--|
| Report No. : ELPL/09-24/06-A | Report Date : 19-09-2024 |
| Name & Address of the Customer: M/s. INVENTYS RESEARCH CO. PVT. LTD., Plot No .K-38, MIDC, Butibori, Dist.- Nagpur. | |
| Ref.: Verbal | |
| Sample Type : Waste Water (Sewage) | Sampling Location : STP Treated Water |
| Sampling 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 |
| 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 |
|--|---------------------------------|------|--------|--------|--------------------|
| Discipline : Chemical, Group : Pollution & Environment, Materials/ Products Tested : Waste 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 Partially or fully without prior approval of ELPL.

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(C.P. Jadhao)
Quality Manager

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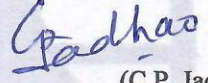
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Test Report Effluent Quality

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 |
|---|-----------------|------|--------|--------|---|
| Discipline : Chemical, Group : Pollution & Environment, Materials/ Products Tested : Waste Water (Sewage) | | | | | |
| 1. | Bioassay Test | % | -- | 78.3 | IS 6582 (Part 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 Partially or fully without prior approval of ELPL. | | | | | |
| | | | | | Verified & Authorized by  (C.P. Jadhao) Quality Manager |



** End of the Report **



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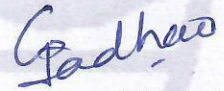
C-11, Amar Enclave Commercial Wing, Jog Layout, Prashant Nagar, Near Ajni Square, Nagpur – 440 015, Tel & Fax: (0712) 2251470, Cell: 9766616862
Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Water Quality for Potability

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

| | |
|---|--|
| 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 |
|---|----------------------------------|------------|-------------------------|--------------|---|
| Discipline : Biological, Group : Water, Materials/ Products Tested : Drinking Water | | | | | |
| 1. | Total Coliform Bacteria | MPN/100 ml | Shall not be detectable | Not Detected | APHA: 9221 (B) 23 rd Edition |
| 2. | Thermotolerant Coliform Bacteria | MPN/100 ml | Shall not be Detectable | Not Detected | APHA: 9221 (G) 23 rd Edition |
| 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. | | | | | |
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| | | | | |  (C.P. Jadhao) Quality Manager |

** End of the Report **



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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

**Test Report
Ambient Air Quality**

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

| | |
|--|---|
| Report No.: ELPL/09-24/90-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 : Ambient Air | Sampling Location : Near Security Main Gate |
| Sampling Ref Method : As Per Test Method | Environmental Condition : Sunny (during sampling) |
| Sample Inward No. : ELPL/Sept-24/55/34/AA-90 | |
| Avg. Ambient Temp : 25.4 °C | Prominent Wind Direction : SSE |
| Avg. Relative Humidity : 89.3 % | Average Wind Speed : 8.1 km/hr |
| Sampling Date : From 10-09-2024 to 11-09-2024 | Sampled by : ELPL Representative |
| Sample Receipt Date : 12-09-2024 | |
| Period of Analysis : From 12-09-2024 to 19-09-2024 | |

Results of Analysis

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

** End of the Report **



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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com**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 | |
| Sample Type : Ambient Air | Sampling Location : Near Boiler House |
| Sampling Ref Method : As Per Test Method | Environmental Condition : Sunny (during sampling) |
| Sample Inward No. : ELPL/Sept-24/55/34/AA-91 | |
| Avg. Ambient Temp : 25.4 °C | Prominent Wind Direction : SSE |
| Avg. Relative Humidity : 89.3 % | Average Wind Speed : 8.1 km/hr |
| Sampling Date : From 10-09-2024 to 11-09-2024 | Sampled by : ELPL Representative |
| Sample Receipt Date : 12-09-2024 | |
| Period of Analysis : From 12-09-2024 to 19-09-2024 | |

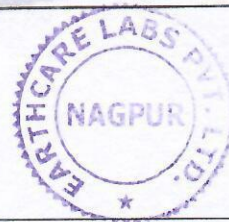
Results of Analysis

| Sr. No. | Test Parameters | Unit | Norms* | Result | Test Method |
|---|---|-------------------|--------|--------------|---|
| Discipline : Chemical, Group : Atmospheric Pollution, Materials/ Products Tested : Ambient Air | | | | | |
| 1. | Sulphur Dioxide (SO ₂) | µg/m ³ | 80 | 8.44 | IS 5182 (Part 2) |
| 2. | Nitrogen Dioxide (NO ₂) | µg/m ³ | 80 | 12.5 | IS 5182 (Part 6) |
| 3. | Particulate Matter size less than 10 µm (PM ₁₀) | µg/m ³ | 100 | 55.3 | IS 5182 (Part 23) |
| 4. | Particulate Matter size less than 2.5 µm (PM _{2.5}) | µg/m ³ | 60 | 25.1 | IS : 5182 (Part 24) |
| 5. | Ozone (O ₃) | µg/m ³ | 100 | BDL (< 20.0) | APHA- Method No.411 2 nd Edn |
| 6. | Lead (Pb) | µg/m ³ | 0.5 | 0.02 | ELPL SOP No. AAS - 10 based on IS 5182 (Part 22) |
| 7. | Carbon Monoxide (CO) | µg/m ³ | 4 | BDL (< 1.1) | NIOSH 6604 |
| 8. | Ammonia (NH ₃) | µg/m ³ | 100 | BDL (< 20.0) | APHA- Method No.401 2 nd Edn |
| 9. | Benzene (C ₆ H ₆) | µg/m ³ | 5 | BDL (< 4.0) | IS 5182 (Part 11) |
| 10. | Benzo [a] Pyrene (as BaP)- particulate phase only | ng/m ³ | 1 | BDL (< 0.8) | IS 5182 (Part 12) |
| 11. | Arsenic (As) | ng/m ³ | 6 | BDL (< 2.0) | ELPL SOP No. AAS - 12 based on IS 5182 (Part 26) |
| 12. | Nickel (Ni) | ng/m ³ | 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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*Gadha*(C.P. Jadhao)
Quality Manager

** End of the Report **



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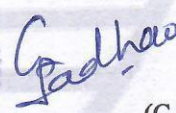
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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

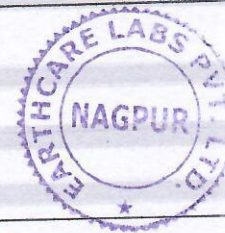
Test Report Stack Emission Quality

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., Plot No .K-38, MIDC, Butibori, Dist.- Nagpur. | |
| Ref : Verbal | |
| Sample Type : Stack Emission | Sampling Location : Boiler No. 1 (4 TPH) |
| Sampling Ref Method : As Per Test Method | Environmental Condition : Sunny (during sampling) |
| Sample Inward No. : ELPL/Sept-24/55/34/S-25 | |
| Sampling Date : 10-09-2024 | Sampled By: ELPL, Representative |
| Sample Receipt Date : 11-09-2024 | |
| Stack Height : 27 mtr. | Temperature of Flue Gas : 141 °C |
| Stack Diameter at Port : 0.65 mtr. | Velocity of Flue Gas : 9.48 m/sec |
| Type of Fuel : Biocoal/Biomass Pallets | Flow Rate of Flue Gas : 7905.19 Nm ³ /hr |
| Period of Analysis : From 11-09-2024 to 19-09-2024 | |

Results of Analysis

| Sr. No. | Test Parameters | Unit | Norm* | Result | Test Method |
|---|---------------------------------------|--------------------|-------|--------|---|
| Discipline : Chemical, Group : Atmospheric Pollution , Materials/ Products Tested : Stack Emission | | | | | |
| 1. | Particulate Matter | mg/Nm ³ | 100 | 24.7 | IS 11255 (Part 1) |
| 2. | Sulphur Dioxide (as SO ₂) | mg/Nm ³ | -- | 63.4 | IS 11255 (Part 2) |
| 3. | Sulphur Dioxide (as SO ₂) | kg/day | 16.48 | 12.1 | IS 11255 (Part 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 Partially or fully without prior approval of ELPL. | | | | | |
| | | | | | Verified & Authorized by  (C.P. Jadhao) Quality Manager |

**** End of the Report ****



TC-12331

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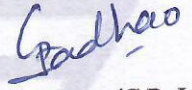
(NABL QCI Accredited, MoEF&CC Recognized, ISO 9001, ISO 14001 & OHSAS 45001 Certified)

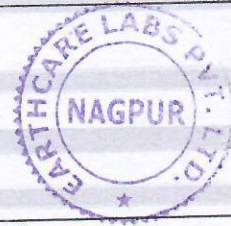
C-11, Amar Enclave Commercial Wing, Jog Layout, Prashant Nagar, Near Ajni Square, Nagpur – 440 015, Tel & Fax: (0712) 2251470, Cell: 9766616862
Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com**Test Report****Stack Emission Quality**

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 RESEARCH CO. PVT. LTD., Plot No .K-38, MIDC, Butibori, Dist.- Nagpur. | |
| Ref : Verbal | |
| Sample Type : Stack Emission | Sampling Location : D.G.Set 500 KVA |
| Sampling Ref Method : As Per Test Method | Environmental Condition : Sunny (during sampling) |
| Sample Inward No. : ELPL/Sept-24/55/34/S-24 | Sampled By: ELPL, Representative |
| Sampling Date : 10-09-2024 | Temperature of Flue Gas : 112 °C Velocity of Flue Gas : 8.71 m/sec Flow Rate of Flue Gas : 1663.77 Nm ³ /hr |
| Sample Receipt Date : 11-09-2024 | |
| Stack Height : 3.50 mtr above enclosure | |
| Stack Diameter at Port : 0.30 mtr | |
| Type of Fuel : Diesel | |
| Period of Analysis : From 11-09-2024 to 19-09-2024 | |

Results of Analysis

| Sr. No. | Test Parameters | Unit | Norm* | Result | Test Method |
|---|---------------------------------------|--------------------|-------|--------|---|
| Discipline : Chemical, Group : Atmospheric Pollution , Materials/ Products Tested : Stack Emission | | | | | |
| 1. | Particulate Matter | mg/Nm ³ | 100 | 29.4 | IS 11255 (Part 1) |
| 2. | Sulphur Dioxide (as SO ₂) | mg/Nm ³ | -- | 57.6 | IS 11255 (Part 2) |
| 3. | Sulphur Dioxide (as SO ₂) | kg/day | 16 | 2.30 | IS 11255 (Part 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 Partially or fully without prior approval of ELPL. | | | | | |
| | | | | | Verified & Authorized by  (C.P. Jadhao) Quality Manager |

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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

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. INVENTYS RESEARCH CO. PVT. LTD., Plot No .K-38, MIDC, Butibori, Dist.- Nagpur. | |
| Ref.: Verbal | |
| Sample Type : Source Noise | Sampling Location : D.G.Set 500 KVA |
| Sampling Ref Method : IS 4758 | Environment Condition : Sunny (during sampling) |
| Sample Inward No. : ELPL/Sept-24/55/34/IL-04 | |
| 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) |
|--|-------------|--|---|-------------------------|
| Discipline : Chemical, Group : Atmospheric Pollution , Materials/ Products Tested : Source Noise | | | | |
| Insertion Loss in dB(A) | Avg. | 92.3 | 66.2 | 26.1 |
| | 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 | |

** End of the Report **



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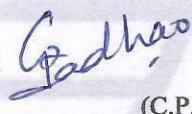
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Email: earthcare2000@gmail.com, **Website:** www.earthcarenagpur.com**Test Report
Ambient Noise Quality**

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

| | |
|---|--|
| Report No.: ELPL/09-24/13-A | Report Date : 19-09-2024 |
| Name & Address of the Customer : M/s. INVENTYS RESEARCH CO. PVT. LTD., Plot No .K-38, MIDC, Butibori, Dist.- Nagpur. | |
| Ref : Verbal | |
| Sample Type : Ambient Noise Sampling Ref Method : IS 9989 Sample Inward No. : ELPL/Sept-24/55/34/AN-13 | Sampling Location : Near Security Main Gate 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 Pollution , Materials/ Products Tested : Ambient Noise | | |
| Equivalent Sound Level Leq dB(A) | 61.2 | 49.4 |
| Norms* | Industrial Area | 75 |
| | Commercial Area | 65 |
| | Residential Area | 55 |
| | Silence Zone | 50 |
| 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 |

**** End of the Report ****



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Email: earthcare2000@gmail.com, **Website:** www.earthcarenagpur.com**Test Report
Ambient Noise Quality**

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

| | |
|---|---|
| Report No.: ELPL/09-24/14-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 : Ambient Noise | Sampling Location : Near Boiler House |
| Sampling Ref Method : IS 9989 | Environmental Condition : Sunny (during sampling) |
| Sample Inward No. : ELPL/Sept-24/55/34/AN-14 | |
| 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 Pollution , Materials/ Products Tested : Ambient Noise | | |
| Equivalent Sound Level Leq dB(A) | 62.5 | 52.1 |
| Norms* | Industrial Area | 75 |
| | Commercial Area | 65 |
| | Residential Area | 55 |
| | Silence Zone | 50 |

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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Verified & Authorized by

*C.P. Jadhao*(C.P. Jadhao)
Quality Manager**** End of the Report ****



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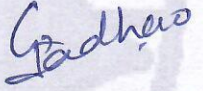
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Email: earthcare2000@gmail.com, **Website:** www.earthcarenagpur.com**Test Report
Workplace Noise Quality**

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

| | |
|---|--|
| Report No.: ELPL/09-24/06-A | Report Date : 19-09-2024 |
| Name & Address of the Customer : M/s. INVENTYS RESEARCH CO. PVT. LTD., Plot No .K-38, MIDC, Butibori, Dist.- Nagpur. | |
| Ref.: Verbal | |
| Sample Type : Workplace Noise Sampling Ref Method : IS 9989 Sample Inward No. : ELPL/Sept-24/55/34/WN-06 | Sampling Location: Near Utility Section 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 : Workplace Noise | | |
| Sound Pressure Level Lp dB(A) | 85 | 72.2 |
| Note : 1. * Model Factories Rules (MFR 120) Part II, Schedule XXIV , Section 87, Factories Act 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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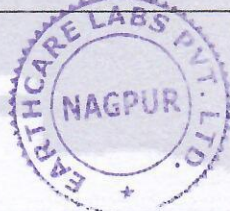
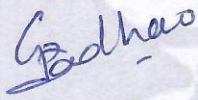
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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

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 |
| Name & Address of the Customer : M/s. INVENTYS RESEARCH CO. PVT. LTD., Plot No .K-38, MIDC, Butibori, Dist.- Nagpur. | |
| Ref.: Verbal | |
| Sample Type : Workplace Noise | Sampling Location: Inside Boiler Area |
| Sampling Ref Method : IS 9989 | Environmental Condition : Sunny (during sampling) |
| Sample Inward No. : ELPL/Sept-24/55/34/WN-07 | |
| Sampling Date : 10-09-2024 | Sampled by : ELPL Representative |

Results of Measurements

| Parameter | Norms* | Hourly Average |
|---|--------|---|
| Discipline : Chemical, Group : Atmospheric Pollution , Materials/Products Tested : Workplace Noise | | |
| Sound Pressure Level Lp dB(A) | 85 | 70.5 |
| Note : 1. * Model Factories Rules (MFR 120) Part II, Schedule XXIV, Section 87, Factories Act 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 Workplace Noise Quality

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

| | |
|---|---|
| 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 : Workplace Noise | Sampling Location: Inside 2-A Plant Ground Floor |
| Sampling Ref Method : IS 9989 | Environmental Condition : Sunny (during sampling) |
| Sample Inward No. : ELPL/Sept-24/55/34/WN-08 | |
| Sampling Date : 10-09-2024 | Sampled by : ELPL Representative |

Results of Measurements

| Parameter | Norms* | Hourly Average |
|---|--------|---|
| Discipline : Chemical, Group : Atmospheric Pollution , Materials/ Products Tested : Workplace Noise | | |
| Sound Pressure Level Lp dB(A) | 85 | 62.4 |
| Note : 1. * Model Factories Rules (MFR 120) Part II, Schedule XXIV , Section 87 , Factories Act 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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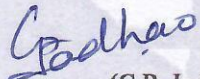
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Email: earthcare2000@gmail.com, **Website:** www.earthcarenagpur.com**Test Report
Workplace Noise Quality**

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

| | |
|--|---|
| Report No.: ELPL/09-24/09-A | Report Date : 19-09-2024 |
| Name & Address of the Customer : M/s. INVENTYS RESEARCH CO. PVT. LTD., Plot No .K-38, MIDC, Butibori, Dist.- Nagpur. | |
| Ref.: Verbal | |
| Sample Type : Workplace Noise | Sampling Location: Inside 2-A Plant First Floor |
| Sampling Ref Method : IS 9989 | Environmental Condition : Sunny (during sampling) |
| Sample Inward No. : ELPL/Sept-24/55/34/WN-09 | |
| Sampling Date : 10-09-2024 | Sampled by : ELPL Representative |

Results of Measurements

| Parameter | Norms* | Hourly Average |
|---|--------|---|
| Discipline : Chemical, Group : Atmospheric Pollution , Materials/ Products Tested : Workplace Noise | | |
| Sound Pressure Level Lp dB(A) | 85 | 68.4 |
| Note : 1. * Model Factories Rules (MFR 120) Part II, Schedule XXIV , Section 87 , Factories Act 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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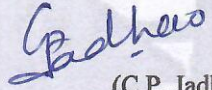
Email: earthcare2000@gmail.com, **Website:** www.earthcarenagpur.com

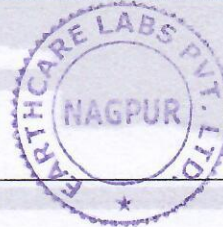
Test Report Workplace Noise Quality

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

| | |
|--|---|
| Report No.: ELPL/09-24/10-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 : Workplace Noise | Sampling Location: Inside 1-A Plant Ground Floor |
| Sampling Ref Method : IS 9989 | Environmental Condition : Sunny (during sampling) |
| Sample Inward No. : ELPL/Sept-24/55/34/WN-10 | |
| Sampling Date : 10-09-2024 | Sampled by : LPL Representative |

Results of Measurements

| Parameter | Norms* | Hourly Average |
|---|--------|---|
| Discipline : Chemical, Group : Atmospheric Pollution , Materials/ Products Tested : Workplace Noise | | |
| Sound Pressure Level Lp dB(A) | 85 | 65.3 |
| Note : 1. * Model Factories Rules (MFR 120) Part II, Schedule XXIV , Section 87 , Factories Act 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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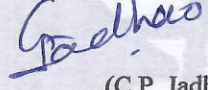
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Email: earthcare2000@gmail.com, **Website:** www.earthcarenagpur.com

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 RESEARCH CO. PVT. LTD., Plot No .K-38, MIDC, Butibori, Dist.- Nagpur. | |
| Ref.: Verbal | |
| Sample Type : Workplace Noise | Sampling Location: Inside 1-A Plant First Floor |
| Sampling Ref Method : IS 9989 | Environmental Condition : Sunny (during sampling) |
| Sample Inward No. : ELPL/Sept-24/55/34/WN-11 | |
| Sampling Date : 10-09-2024 | Sampled by : ELPL Representative |

Results of Measurements

| Parameter | Norms* | Hourly Average |
|---|--------|---|
| Discipline : Chemical, Group : Atmospheric Pollution , Materials/ Products Tested : Workplace Noise | | |
| Sound Pressure Level Lp dB(A) | 85 | 67.2 |
| Note : 1. * Model Factories Rules (MFR 120) Part II, Schedule XXIV , Section 87 , Factories Act 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 |

** End of the Report **



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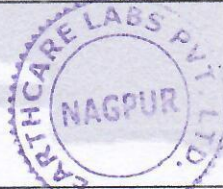

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Test Report Workplace Noise Quality

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 RESEARCH CO. PVT. LTD., Plot No .K-38, MIDC, Butibori, Dist.- Nagpur. | |
| Ref.: Verbal | |
| Sample Type : Workplace Noise | Sampling Location: Inside 3-A Plant Ground Floor |
| Sampling Ref Method : IS 9989 | Environmental Condition : Sunny (during sampling) |
| Sample Inward No. : ELPL/Sept-24/55/34/WN-12 | |
| Sampling Date : 10-09-2024 | Sampled by : ELPL Representative |

Results of Measurements

| Parameter | Norms* | Hourly Average |
|---|--------|---|
| Discipline : Chemical, Group : Atmospheric Pollution , Materials/ Products Tested : Workplace Noise | | |
| Sound Pressure Level Lp dB(A) | 85 | 61.3 |
| Note : 1. * Model Factories Rules (MFR 120) Part II, Schedule XXIV , Section 87 , Factories Act 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 |

** End of the Report **



TC-12331

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Email: earthcare2000@gmail.com, **Website:** www.earthcarenagpur.com**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 RESEARCH CO. PVT. LTD., Plot No .K-38, MIDC, Butibori, Dist.- Nagpur. | |
| Ref.: Verbal | |
| Sample Type : Workplace Noise | Sampling Location: Hydrogenation Plant |
| Sampling Ref Method : IS 9989 | Environmental Condition : Sunny (during sampling) |
| Sample Inward No. : ELPL/Sept-24/55/34/WN-13 | |
| Sampling Date : 10-09-2024 | Sampled by : ELPL Representative |

Results of Measurements

| Parameter | Norms* | Hourly Average |
|--|--------|---|
| Discipline : Chemical, Group : Atmospheric Pollution , Materials/ Products Tested : Workplace Noise | | |
| Sound Pressure Level Lp dB(A) | 85 | 60.7 |
| Note : 1. * Model Factories Rules (MFR 120) Part II, Schedule XXIV , Section 87 , Factories Act 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 |

**** End of the Report ****



TC-12331



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Email: earthcare2000@gmail.com, **Website:** www.earthcarenagpur.com


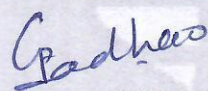
Test Report

Workplace Noise Quality

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

| | |
|--|---|
| Report No.: ELPL/09-24/14-A | Report Date : 19-09-2024 |
| Name & Address of the Customer : M/s. INVENTYS RESEARCH CO. PVT. LTD., Plot No .K-38, MIDC, Butibori, Dist.- Nagpur. | |
| Ref.: Verbal | |
| Sample Type : Workplace Noise | Sampling Location : Inside 2C Plant 1 st Floor |
| Sampling Ref Method : IS 9989 | Environmental Condition : Sunny (during sampling) |
| Sample Inward No. : ELPL/Sept-24/55/34/WN-14 | |
| Sampling Date : 10-09-2024 | Sampled by : ELPL Representative |

Results of Measurements

| Parameter | Norms* | Hourly Average |
|--|--------|---|
| Discipline : Chemical, Group : Atmospheric Pollution , Materials/ Products Tested : Workplace Noise | | |
| Sound Pressure Level Lp dB(A) | 85 | 78.4 |
| Note : 1. * Model Factories Rules (MFR 120) Part II, Schedule XXIV , Section 87 , Factories Act 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 |

**** End of the Report ****



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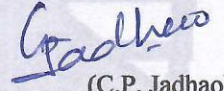
C-11, Amar Enclave Commercial Wing, Jog Layout, Prashant Nagar, Near Ajni Square, Nagpur – 440 015, Tel & Fax: (0712) 2251470, Cell: 9766616862
Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Workplace Noise Quality

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

| | |
|---|---|
| Report No.: ELPL/09-24/15-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 : Workplace Noise | Sampling Location: Inside Compressor House |
| Sampling Ref Method : IS 9989 | Environmental Condition : Sunny (during sampling) |
| Sample Inward No. : ELPL/Sept-24/55/34/WN-15 | |
| Sampling Date : 10-09-2024 | Sampled by : ELPL Representative |

Results of Measurements

| Parameter | Norms* | Hourly Average |
|---|--------|---|
| Discipline : Chemical, Group : Atmospheric Pollution , Materials/ Products Tested : Workplace Noise | | |
| Sound Pressure Level Lp dB(A) | 85 | 62.3 |
| Note : 1. * Model Factories Rules (MFR 120) Part II, Schedule XXIV , Section 87 , Factories Act 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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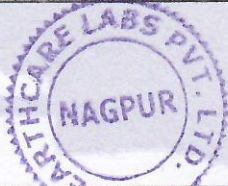
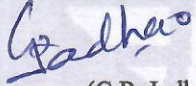
C-11, Amar Enclave Commercial Wing, Jog Layout, Prashant Nagar, Near Ajni Square, Nagpur – 440 015, Tel & Fax: (0712) 2251470, Cell: 9766616862
Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Workplace Noise Quality

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

| | |
|---|--|
| Report No.: ELPL/09-24/16-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 : Workplace Noise | Sampling Location: Inside 2c Plant 2 nd Floor |
| Sampling Ref Method : IS 9989 | Environmental Condition : Sunny (during sampling) |
| Sample Inward No. : ELPL/Sept-24/55/34/WN-16 | |
| Sampling Date : 10-09-2024 | Sampled by : ELPL Representative |

Results of Measurements

| Parameter | Norms* | Hourly Average |
|---|--------|---|
| Discipline : Chemical, Group : Atmospheric Pollution , Materials/ Products Tested : Workplace Noise | | |
| Sound Pressure Level Lp dB(A) | 85 | 64.4 |
| Note : 1. * Model Factories Rules (MFR 120) Part II, Schedule XXIV , Section 87 , Factories Act 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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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

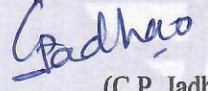
TC-12331

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 |
| Name & Address of the Customer : M/s. INVENTYS RESEARCH CO. PVT. LTD., Plot No .K-38, MIDC, Butibori, Dist.- Nagpur. | |
| Ref.: Verbal | |
| Sample Type : Workplace Noise | Sampling Location: Inside ETP Plant |
| Sampling Ref Method : IS 9989 | Environmental Condition : Sunny (during sampling) |
| Sample Inward No. : ELPL/Sept-24/55/34/WN-17 | |
| Sampling Date : 10-09-2024 | Sampled by : ELPL Representative |

Results of Measurements

| Parameter | Norms* | Hourly Average |
|---|--------|---|
| Discipline : Chemical, Group : Atmospheric Pollution , Materials/ Products Tested : Workplace Noise | | |
| Sound Pressure Level Lp dB(A) | 85 | 75.5 |
| Note : 1. * Model Factories Rules (MFR 120) Part II, Schedule XXIV , Section 87 , Factories Act 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 |



** End of the Report **



TC-12331

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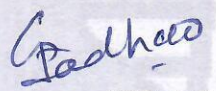
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C-11, Amar Enclave Commercial Wing, Jog Layout, Prashant Nagar, Near Ajni Square, Nagpur – 440 015, Tel & Fax: (0712) 2251470, Cell: 9766616862
Email: earthcare2000@gmail.com, **Website:** www.earthcarenagpur.com**Test Report
Workplace Noise Quality**

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 RESEARCH CO. PVT. LTD., Plot No .K-38, MIDC, Butibori, Dist.- Nagpur. | |
| Ref.: Verbal | |
| Sample Type : Workplace Noise | Sampling Location: D.G. Set Area |
| Sampling Ref Method : IS 9989 | Environmental Condition : Sunny (during sampling) |
| Sample Inward No. : ELPL/Sept-24/55/34/WN-18 | |
| Sampling Date : 10-09-2024 | Sampled by : ELPL Representative |

Results of Measurements

| Parameter | Norms* | Hourly Average |
|--|--------|---|
| Discipline : Chemical, Group : Atmospheric Pollution , Materials/ Products Tested : Workplace Noise | | |
| Sound Pressure Level Lp dB(A) | 85 | 67.6 |
| Note : 1. * Model Factories Rules (MFR 120) Part II, Schedule XXIV , Section 87 , Factories Act 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 |

**** End of the Report ****



Test Report Illumination Levels

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

| | |
|---|---|
| Report No.: ELPL/09-24/04-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 : Crystallization Section at Ground Floor |
| Sampling Ref Method : ELPL SOP based on Operation Manual of Light Meter | Environmental Condition : Night (during sampling) |
| Sample Inward No. : ELPL/Sept-24/55/34/LL-04 | |
| 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

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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C.P. Jadhao

(C.P. Jadhao)
Quality Manager

** End of the Report **



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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 |
| 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 Operation Manual of Light Meter | Sampling Location : RCVD Section First Floor Environmental Condition : Night (during sampling) |
| Sample Inward No. : ELPL/Sept-24/55/34/LL-05 | |
| Sampling Date : 10-09-2024 | Sampled by : ELPL Representative |

Results of Measurements

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

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

(C.P. Jadhao)
Quality Manager

** End of the Report **



Test Report Illumination Levels

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

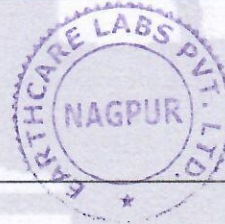
| | |
|---|--|
| Report No.: ELPL/09-24/06-B | Report Date : 19-09-2024 |
| Name & Address of the Customer : M/s. INVENTYS RESEARCH CO. PVT. LTD., Plot No .K-38, MIDC, Butibori, Dist.- Nagpur. | |
| Ref.: Verbal | |
| Sample Type : Illumination | Sampling Location : Crystallization Section at Top Floor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

(C.P. Jadhao)
Quality Manager

** End of the Report **



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Email: earthcare2000@gmail.com, **Website:** www.earthcarenagpur.com

Test Report Illumination Levels

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

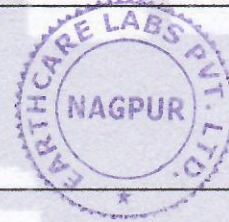
| | |
|--|---|
| Report No.: ELPL/09-24/07-B | Report Date : 19-09-2024 |
| Name & Address of the Customer : M/s. INVENTYS RESEARCH CO. PVT. LTD., Plot No .K-38, MIDC, Butibori, Dist.- Nagpur. | |
| Ref.: Verbal | |
| Sample Type : Illumination | Sampling Location : Crystallization Section at Ground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

(C.P. Jadhao)
Quality Manager

** End of the Report **



Test Report Illumination Levels

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

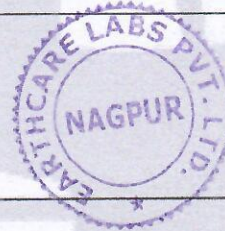
| | |
|---|---|
| Report No.: ELPL/09-24/08-B | Report Date : 19-09-2024 |
| Name & Address of the Customer : M/s. INVENTYS RESEARCH CO. PVT. LTD., Plot No .K-38, MIDC, Butibori, Dist.- Nagpur. | |
| Ref.: Verbal | |
| Sample Type : Illumination | Sampling Location : Inside 2 C II nd Floor |
| Sampling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

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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C.P. Jadhao

(C.P. Jadhao)
Quality Manager

** End of the Report **



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 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 Manual of Light Meter | Sampling Location : Inside 2 C III rd Floor Environmental Condition : Night (during sampling) |
| Sample Inward No. : ELPL/Sept-24/55/34/LL-09 | |
| Sampling Date : 10-09-2024 | Sampled by : ELPL Representative |

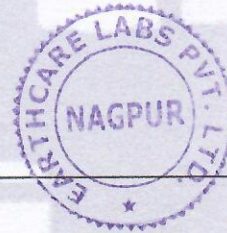
Results of Measurements

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

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

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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C.P. Jadhao

(C.P. Jadhao)
Quality Manager

** End of the Report **



Test Report Illumination Levels

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

| | |
|---|---|
| Report No.: ELPL/09-24/10-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 Operation Manual of Light Meter | Sampling Location : Inside 2 C Tank Farm I st Floor Environmental Condition : Night (during sampling) |
| Sample Inward No. : ELPL/Sept-24/55/34/LL-10 | |
| Sampling Date : 10-09-2024 | Sampled by : ELPL Representative |

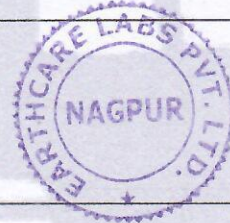
Results of Measurements

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

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

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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C.P. Jadhao

(C.P. Jadhao)
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Test Report Illumination Levels

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

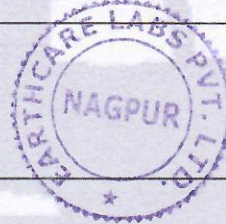
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|---|--|
| Report No.: ELPL/09-24/11-B | Report Date : 19-09-2024 |
| Name & Address of the Customer : M/s. INVENTYS RESEARCH CO. PVT. LTD., Plot No .K-38, MIDC, Butibori, Dist.- Nagpur. | |
| Ref.: Verbal | |
| Sample Type : Illumination | Sampling Location : Inside 2 C Plant 1 st Floor |
| Sampling Ref Method : ELPL SOP based on Operation Manual of Light Meter | Environmental Condition : Night (during sampling) |
| Sample Inward No. : ELPL/Sept-24/55/34/LL-11 | |
| 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

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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(C.P. Jadhao)
Quality Manager

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Test Report Illumination Levels

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

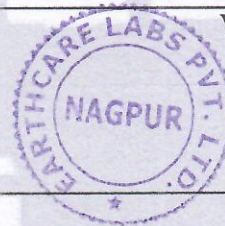
| | |
|---|--|
| Report No.: ELPL/09-24/12-B | Report Date : 19-09-2024 |
| Name & Address of the Customer : M/s. INVENTYS RESEARCH CO. PVT. LTD., Plot No .K-38, MIDC, Butibori, Dist.- Nagpur. | |
| Ref.: Verbal | |
| Sample Type : Illumination | Sampling Location : 3-AB Plant 1 st Floor |
| Sampling Ref Method : ELPL SOP based on Operation Manual of Light Meter | Environmental Condition : Night (during sampling) |
| Sample Inward No. : ELPL/Sept-24/55/34/LL-12 | |
| 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

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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C.P. Jadhao

(C.P. Jadhao)
Quality Manager

** End of the Report **



Test Report Illumination Levels

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

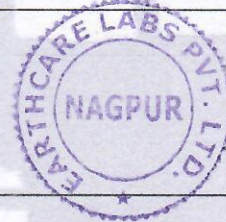
| | |
|---|---|
| Report No.: ELPL/09-24/13-B | Report Date : 19-09-2024 |
| Name & Address of the Customer : M/s. INVENTYS RESEARCH CO. PVT. LTD., Plot No .K-38, MIDC, Butibori, Dist.- Nagpur. | |
| Ref.: Verbal | |
| Sample Type : Illumination | Sampling Location : 3-AB Plant II nd Floor |
| Sampling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

Results of Measurements

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

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
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(C.P. Jadhao)
Quality Manager

** End of the Report **

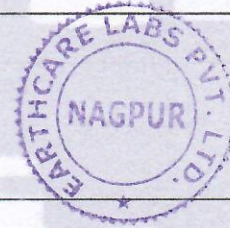
**Test Report
Illumination Levels**

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 RESEARCH CO. PVT. LTD., Plot No .K-38, MIDC, Butibori, Dist.- Nagpur. | |
| Ref.: Verbal | |
| Sample Type : Illumination | Sampling Location : 3-AB Plant III rd Floor |
| Sampling Ref Method : ELPL SOP based on Operation Manual of Light Meter | Environmental Condition : Night (during sampling) |
| Sample Inward No. : ELPL/Sept-24/55/34/LL-14 | |
| 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, 19632. Test results relates to sample collected & tested only for the selected parameters. It shall not be reproduced partially or fully
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(C.P. Jadhao)
Quality Manager**** End of the Report ****



Test Report Illumination Levels

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

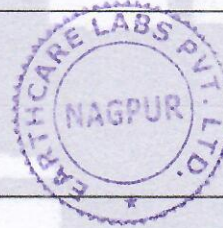
| | |
|---|---|
| Report No.: ELPL/09-24/15-B | Report Date : 19-09-2024 |
| Name & Address of the Customer : M/s. INVENTYS RESEARCH CO. PVT. LTD., Plot No .K-38, MIDC, Butibori, Dist.- Nagpur. | |
| Ref.: Verbal | |
| Sample Type : Illumination | Sampling Location : Pilot Ground Floor |
| Sampling Ref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

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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C.P. Jadhao

(C.P. Jadhao)
Quality Manager

** End of the Report **




Test Report Illumination Levels

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

| | |
|---|--|
| Report No.: ELPL/09-24/16-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 Operation Manual of Light Meter | Sampling Location : Pilot 1 st Floor Environmental Condition : Night (during sampling) |
| Sample Inward No. : ELPL/Sept-24/55/34/LL-16 | |
| 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 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 |



** End of the Report **



EARTHCARE LABS PRIVATE LIMITED

Environmental Laboratory & Consultancy Organization

(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 Illumination Levels

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

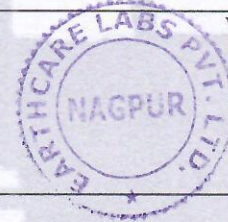
| | |
|---|---|
| Report No.: ELPL/09-24/17-B | Report Date : 19-09-2024 |
| Name & Address of the Customer : M/s. INVENTYS RESEARCH CO. PVT. LTD., Plot No .K-38, MIDC, Butibori, Dist.- Nagpur. | |
| Ref.: Verbal | |
| Sample Type : Illumination | Sampling Location : Pilot 2 nd Floor |
| Sampling Ref Method : ELPL SOP based on Operation Manual of Light Meter | Environmental Condition : Night (during sampling) |
| Sample Inward No. : ELPL/Sept-24/55/34/LL-17 | |
| 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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C.P. Jadhao

(C.P. Jadhao)
Quality Manager

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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 |
| 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 : Pilot 3 rd Floor |
| Sampling Ref Method : ELPL SOP based on Operation Manual of Light Meter | Environmental Condition : Night (during sampling) |
| Sample Inward No. : ELPL/Sept-24/55/34/LL-18 | |
| Sampling Date : 10-09-2024 | Sampled by : ELPL Representative |

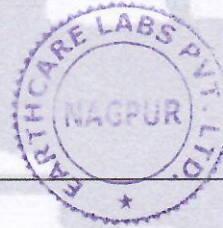
Results of Measurements

| 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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C.P. Jadhao

(C.P. Jadhao)
Quality Manager

** End of the Report **



Test Report Illumination Levels

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

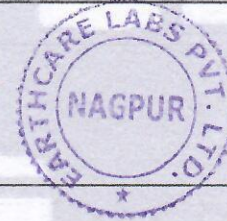
| | |
|---|--|
| Report No.: ELPL/09-24/19-B | Report Date : 19-09-2024 |
| Name & Address of the Customer : M/s. INVENTYS RESEARCH CO. PVT. LTD., Plot No .K-38, MIDC, Butibori, Dist.- Nagpur. | |
| Ref.: Verbal | |
| Sample Type : Illumination | Sampling Location : Inside KNCT Building 1 st Floor |
| Sampling Ref Method : ELPL SOP based on Operation Manual of Light Meter | Environmental Condition : Night (during sampling) |
| Sample Inward No. : ELPL/Sept-24/55/34/LL-19 | |
| 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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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Illumination Levels

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

| | |
|---|---|
| Report No.: ELPL/09-24/20-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 Description : Illumination Sampling Ref Method : ELPL SOP based on Operation Manual of Light Meter | Sampling Location : KNCT Building Ground Floor |
| 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 |
| 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 Operation Manual of Light Meter | Sampling Location : Inside Boiler House Environmental Condition : Night (during sampling) |
| Sample Inward No. : ELPL/Sept-24/55/34/LL-21 | |
| Sampling Date : 10-09-2024 | Sampled by : ELPL Representative |

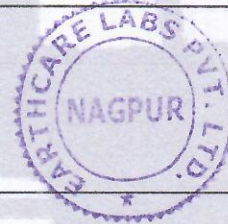
Results of Measurements

| 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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C.P. Jadhao

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Quality Manager

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Test Report Illumination Levels

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

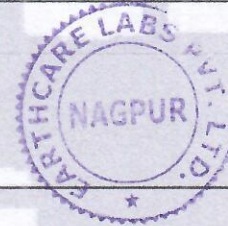
| | |
|---|---|
| Report No.: ELPL/09-24/22-B | Report Date : 19-09-2024 |
| Name & Address of the Customer : M/s. INVENTYS RESEARCH CO. PVT. LTD., Plot No .K-38, MIDC, Butibori, Dist.- Nagpur. | |
| Ref.: Verbal | |
| Sample Description : Illumination Sampling Ref Method : ELPL SOP based on Operation Manual of Light Meter | Sampling Location : Hydrolysis Section Environmental Condition : Night (during sampling) |
| Sample Inward No. : ELPL/Sept-24/55/34/LL-22 | |
| Sampling Date : 10-09-2024 | Sampled by : ELPL Representative |

Results of Measurements

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

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

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