# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** TRANS THANE CREEK WASTE MANAGEMENT ASSOCIATION, P-128, TTC INDUSTRIAL AREA, THANE BELAPUR ROAD, MAHAPE, NAVI MUMBAI, MAHARASHTRA, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-8313 **Page No** 1 of 12

**Validity** 29/03/2023 to 28/03/2025 **Last Amended on** -

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|---|---|---|---|---|
| Permanent Facility | | | | |
| 1 | BIOLOGICAL- ENVIRONMENT AND POLLUTION | Sewage water | Fecal coliform | IS 1622 |
| 2 | BIOLOGICAL- ENVIRONMENT AND POLLUTION | Sewage water | Total coliform | IS 1622 |
| 3 | BIOLOGICAL- WATER | Drinking water | Coliforms | IS 15185 |
| 4 | BIOLOGICAL- WATER | Drinking Water | Escherichia coli | IS 15185 |
| 5 | CHEMICAL- ATMOSPHERIC POLLUTION | ambient air | Ammonia | Method of Air sampling and analysis 3rd Edition, page 379-381 |
| 6 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | Arsenic | US EPA IO-3.4 |
| 7 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient air | Lead | US EPA IO-3.4 |
| 8 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient air | Nickel | US EPA IO-3.4 |
| 9 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | Oxide Of Nitrogen (NOx) | IS 5182 (Part 6) |
| 10 | CHEMICAL- ATMOSPHERIC POLLUTION | ambient air | Ozone | Method of Air sampling and analysis, 3rd edition, page no.403-406 |
| 11 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | Particulate Matter (PM -2.5) | US EPA 50 CFR Part 50 Appendix L |
| 12 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | Respirable Particulate Matter (RSPM) / PM 10 | IS 5182 (Part 23) |
| 13 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | Sulphur Dioxide (SO2) | IS 5182 (Part 2) |
| 14 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Aluminum (as Al) | APHA 3120 B & 3030 E(23rd Edition) |
| 15 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Ammonia as NH3-N | IS 3025 (part 34) |
| 16 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Arsenic (as As) | APHA 3120B & 3030 E (23rd Edition) |
| 17 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Barium (as Ba) | APHA 3120B & 3030E (23rd Edition) |

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| 18 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Biological Oxygen Demand (BOD) | IS 3025 (part 44) |
| 19 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Cadmium (as Cd) | APHA 3120B & 3030E (23rd Edition) |
| 20 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Calcium (as Ca) | IS 3025 (part 40) |
| 21 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Chemical Oxygen Demand (COD) | IS :3025 (part 58) |
| 22 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Chloride (as Cl) | IS 3025 (part 32) |
| 23 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Chromium (as Cr) | APHA 3120B & 3030E (23rd Edition) |
| 24 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Copper (as Cu) | APHA 3120B & 3030E (23rd Edition) |
| 25 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Cyanide (as CN) by Colorimetry | APHA 4500CN C & E(23rd Edition) |
| 26 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Cyanide (as CN) Titrimetry | APHA 4500-CN C & D (23rd Edition) |
| 27 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Dissolved Oxygen | IS 3025 (part 38) |
| 28 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Electrical Conductivity | APHA (23rd Edition) 2520B |
| 29 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Fluoride (as F) | APHA 4500 D-FD (23rd Edition) |
| 30 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Iron (as Fe) | APHA 3120B & 3030E (23rd Edition), |
| 31 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Lead (as Pb) | APHA 3120B & 3030E (23rd Edition) |
| 32 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Magnesium (as Mg) | IS 3025 (part 46) |
| 33 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Manganese | APHA 3120B & 3030E (23rd Edition) |
| 34 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Mercury (as Hg) | APHA 3120B & 3030E (23rd Edition) |
| 35 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Nickel (as Ni) | APHA 3120B & 3030E (23rd Edition) |
| 36 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Nitrate (as NO3) | IS 3025 (part 34) |

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| 37 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Oil & Grease | IS 3025 (part 39) |
| 38 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | pH | IS 3025 (part 11) |
| 39 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Phenols/Phenolic compounds | IS 3025 (part 43) |
| 40 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Phosphorus (as P) | IS 3025 Part 31/Sec 1 |
| 41 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Silica (as SiO2) | IS 3025 Part 35 |
| 42 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Sulphate (as SO4) | IS 3025 Part 24/Sec 1 |
| 43 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Sulphide (as S ) | IS 3025 Part 29 |
| 44 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Total Dissolved Solids | IS 3025 (part 16) |
| 45 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Total Kjeldahl Nitrogen | IS 3025 (Part 34) |
| 46 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Total Solid | IS 3025 (part 15) |
| 47 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Total Suspended Solids | IS 3025 (part 17) |
| 48 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Vanadium (as V) | APHA 3120B & 3030E (23rd Edition) |
| 49 | CHEMICAL- POLLUTION & ENVIRONMENT | Effluent (Waste Water) | Zinc (as Zn) | APHA 3120B & 3030E (23rd Edition) |
| 50 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid Waste | Ammonia (as NH3– N) | IS 3025 (part 34) |
| 51 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid waste | Arsenic (as As) | APHA 3120B & 3030 E(23rd Edition) |
| 52 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid Waste | Arsenic (as As) | SW - 846 US EPA - 6010D USEPA-1311 |
| 53 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid waste | Barium (as Ba) | APHA 3120B & 3030 E(23rd Edition) |
| 54 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid Waste | Barium (as Ba) | SW - 846 , US EPA - 6010D USEPA-1311 |
| 55 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid Waste | Cadmium (as Cd) | SW - 846 , US EPA - 6010D USEPA-1311 |

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| 56 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid waste | Chloride | IS 3025 (part 32) |
| 57 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid Waste | Chlorides (as Cl) | SW 846: Test Method 9253 |
| 58 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid Waste | Chromium (as Cr) | SW - 846 US EPA 6010D, USEPA 1311 |
| 59 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid Waste | Cobalt (as Co) | SW - 846 , US EPA - 6010D USEPA-1311 |
| 60 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid Waste | Colour | TTCWMA / IHM - 02 |
| 61 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid waste | Copper (as Cu) | APHA 3120B & 3030 E(23rd Edition) |
| 62 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid Waste | Copper (as Cu) | SW - 846 , US EPA - 6010D USEPA-1311 |
| 63 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid Waste | Cyanide (as CN) | SW - 846 - USEPA (Revision 3)9014-1 & 9010 C |
| 64 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid Waste | Flash Point | ASTM D 93-02a & SW 846 : 1010 |
| 65 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid Waste | Hexane Extractable Material | SW - 846 - US EPA 9071 B Revision 2 |
| 66 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid waste | Iron (as Fe) | APHA 3120B & 3030 E(23rd Edition) |
| 67 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid Waste | Iron (as Fe) | SW - 846 , US EPA - 6010D USEPA-1311 |
| 68 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid Waste | Lead (as Pb) | SW - 846 , US EPA - 6010D USEPA-1311 |
| 69 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid Waste | Loss On Drying (LOD @ 105 - 0 C) | APHA 2540D, 23rd Edition |
| 70 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid Waste | Loss On Ignition (LOI @ 550 - 0 C) | APHA 2540 D, 23rd Edition |
| 71 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid waste | Manganese | SW 846, USEPA-6010D, USEPA 1311 |
| 72 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid Waste | Mercury (as Hg) | SW - 846 , US EPA - 6010D USEPA-1311 |
| 73 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid Waste | Nickel (as Ni) | SW - 846 , US EPA - 6010D , USEPA-1311 |
| 74 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid Waste | Paint Filter Liquid Test (PFLT) | SW - 846 USEPA - 9095 B Revision 2 |

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| 75 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid Waste | pH | SW - 846 - 9045 D, Revision 4 |
| 76 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid Waste | Phenol/Phenolic Compounds | SW - 846 - US EPA 9065 |
| 77 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid Waste | Phosphate (as PO4 - P) | APHA - 4500 PD 23rd Edition |
| 78 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid Waste | Physical State | TTCWMA / IHM - 01 |
| 79 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid Waste | Selenium (as Se) | SW - 846 US EPA- 6010D USEPA-1311 |
| 80 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid Waste | Silver (as Ag) | SW - 846 US EPA - 6010D : 2018, USEPA-1311 |
| 81 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid Waste | Specific Gravity | ASTM D 5057 |
| 82 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid Waste | Sulphates (as SO4) | SW - 846 - 9038 |
| 83 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid Waste | Sulphide (as H2S ) | SW - 846 - USEPA 9034 |
| 84 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid Waste | Sulphur (Elemental) | IS 3383 |
| 85 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid Waste | Texture | TTCWMA / IHM - 03 |
| 86 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid Waste | Vanadium (as V) | SW - 846 US EPA - 6010D USEPA-1311 |
| 87 | CHEMICAL- POLLUTION & ENVIRONMENT | Solid Waste | Zinc (as Zn) | SW - 846 US EPA - 6010D , USEPA-1311 |
| 88 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste | Organic Halogen | SW 846 5050 and 9253 |
| 89 | CHEMICAL- POLLUTION & ENVIRONMENT | waste water | Total Alkalinity (as CaCO3) | IS 3025 (Part 23) |
| 90 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) | Aluminium (as Al) | SW - 846, US EPA - 6010D, USEPA-1311 |
| 91 | CHEMICAL- RESIDUES IN WATER | Bore well water | Barium (as Ba) | APHA 3120B & 3030E 23rd Edition |
| 92 | CHEMICAL- RESIDUES IN WATER | Bore well water | Cadmium (as Cd) | APHA 3120B & 3030E (23rd Edition) |
| 93 | CHEMICAL- RESIDUES IN WATER | Bore well water | Chromium (as Cr) | APHA 3120B & 3030E(23rd Edition) |

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| 94 | CHEMICAL- RESIDUES IN WATER | Bore well water | Copper (as Cu) | APHA 3120B & 3030E(23rd Edition) |
| 95 | CHEMICAL- RESIDUES IN WATER | Bore well water | Cyanide (as CN) Colorimetry | APHA 4500-CN C and E (23rd Edition) |
| 96 | CHEMICAL- RESIDUES IN WATER | Bore well water | Cyanide (as CN) Titrimetry | APHA 4500 CN C and D(23rd Edition) |
| 97 | CHEMICAL- RESIDUES IN WATER | Bore well water | Lead (as Pb) | APHA 3120B & 3030E 23rd Edition |
| 98 | CHEMICAL- RESIDUES IN WATER | Bore well water | Magnesium | IS 3025 Part 46 |
| 99 | CHEMICAL- RESIDUES IN WATER | Bore well water | Manganese | APHA 3120B & 3030E, 23rd Edition |
| 100 | CHEMICAL- RESIDUES IN WATER | Bore well water | Mercury as Hg | APHA 3120B & 3030E, 23rd Edition |
| 101 | CHEMICAL- RESIDUES IN WATER | Bore well water | Nickel (as Ni) | APHA 3120B & 3030E, 23rd Edition |
| 102 | CHEMICAL- RESIDUES IN WATER | Bore well water | Selenium | APHA 3120B & 3030E, 23rd Edition |
| 103 | CHEMICAL- RESIDUES IN WATER | Bore well water | Zinc (as Zn) | APHA 3120B & 3030E (23rd Edition) |
| 104 | CHEMICAL- RESIDUES IN WATER | Borewell water | Aluminum (as Al) | APHA 3120B & 3030E (23rd Edition) |
| 105 | CHEMICAL- RESIDUES IN WATER | construction water | Cyanide (as CN) Colorimetry | APHA 4500 CN C&E (23rd Edition) |
| 106 | CHEMICAL- RESIDUES IN WATER | construction water | Cyanide (as CN) Titrimetry | APHA 4500 CN C&D (23rd Edition) |
| 107 | CHEMICAL- RESIDUES IN WATER | Construction water | Manganese | APHA 3120B & 3030E (23rd Edition) |
| 108 | CHEMICAL- RESIDUES IN WATER | construction water | Selenium as Se | APHA 3120B & 3030 E(23rd Edition) |
| 109 | CHEMICAL- RESIDUES IN WATER | construction water | Vanadium (as V) | APHA 3120B & 3030 E(23rd Edition) |
| 110 | CHEMICAL- RESIDUES IN WATER | construction water | Zinc (as Zn) | APHA 3120B & 3030 E(23rd Edition) |
| 111 | CHEMICAL- RESIDUES IN WATER | Drinking water | Aluminum (as Al) | APHA 3120B & 3030 E(23rd Edition) |
| 112 | CHEMICAL- RESIDUES IN WATER | drinking water | Barium (as Ba) | APHA 3120B & 3030 E(23rd Edition) |

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| 113 | CHEMICAL- RESIDUES IN WATER | drinking water | Cadmium (as Cd) | APHA 3120B & 3030 E(23rd Edition) |
| 114 | CHEMICAL- RESIDUES IN WATER | Drinking water | Cadmium (as Cd) | APHA 3120B & 3030 E(23rd Edition) |
| 115 | CHEMICAL- RESIDUES IN WATER | Drinking water | Calcium as Ca | IS 3025 Part 40 |
| 116 | CHEMICAL- RESIDUES IN WATER | drinking water | Chromium (as Cr) | APHA 3120B & 3030 E(23rd Edition) |
| 117 | CHEMICAL- RESIDUES IN WATER | drinking water | Copper (as Cu) | APHA 3120B & 3030 E(23rd Edition) |
| 118 | CHEMICAL- RESIDUES IN WATER | drinking water | Cyanide (as CN) Titrimetry | APHA 4500 CN C&D (23rd Edition) |
| 119 | CHEMICAL- RESIDUES IN WATER | Drinking water | Cyanide (as CN) Colorimetry | APHA 4500 CN C&E (23rd Edition) |
| 120 | CHEMICAL- RESIDUES IN WATER | Drinking water | Iron (as Fe) | APHA 3120B & 3030 E(23rd Edition) |
| 121 | CHEMICAL- RESIDUES IN WATER | Drinking water | Lead (as Pb) | APHA 3120B & 3030 E(23rd Edition) |
| 122 | CHEMICAL- RESIDUES IN WATER | Drinking water | Magnesium as Mg | IS 3025 Part 46 |
| 123 | CHEMICAL- RESIDUES IN WATER | Drinking water | Mercury as Hg | APHA 4500 CN C&E (23rd Edition) |
| 124 | CHEMICAL- RESIDUES IN WATER | Drinking water | Nickel (as Ni) | APHA 3120B & 3030 E(23rd Edition) |
| 125 | CHEMICAL- RESIDUES IN WATER | Drinking water | Nickel (as Ni) | APHA 4500 CN C&E (23rd Edition) |
| 126 | CHEMICAL- RESIDUES IN WATER | drinking water | Silica (as SiO2) | IS 3025 Part 35 |
| 127 | CHEMICAL- RESIDUES IN WATER | drinking water | Vanadium (as V) | APHA 3120B & 3030 E(23rd Edition) |
| 128 | CHEMICAL- RESIDUES IN WATER | Drinking water | Zinc (as Zn) | APHA 3120B & 3030 E(23rd Edition) |
| 129 | CHEMICAL- RESIDUES IN WATER | Ground , drinking water, construction water, bore well water | Arsenic (as As) | APHA 3120B & 3030 E(23rd Edition) |
| 130 | CHEMICAL- RESIDUES IN WATER | Ground water | Vanadium (as V) | APHA 3120B & 3030 E(23rd Edition) |
| 131 | CHEMICAL- RESIDUES IN WATER | Processed water | Aluminum (as Al) | APHA 3120B & 3030 E(23rd Edition) |

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| 132 | CHEMICAL- RESIDUES IN WATER | Processed water | Barium (as Ba) | APHA 3120B & 3030 E(23rd Edition) |
| 133 | CHEMICAL- RESIDUES IN WATER | Processed water | Cadmium (as Cd) | APHA 3120B & 3030 E(23rd Edition) |
| 134 | CHEMICAL- RESIDUES IN WATER | Processed water | Chromium (as Cr) | APHA 3120B & 3030 E(23rd Edition) |
| 135 | CHEMICAL- RESIDUES IN WATER | Processed water | Copper (as Cu) | APHA 3120B & 3030 E(23rd Edition) |
| 136 | CHEMICAL- RESIDUES IN WATER | Processed water | Cyanide (as CN) Colorimetry | APHA 4500 CN C&E (23rd Edition) |
| 137 | CHEMICAL- RESIDUES IN WATER | Processed water | Cyanide (as CN) Titrimetry | APHA 4500 CN C&D (23rd Edition) |
| 138 | CHEMICAL- RESIDUES IN WATER | processed water | Iron (as Fe) | APHA 3120B & 3030 E(23rd Edition) |
| 139 | CHEMICAL- RESIDUES IN WATER | Processed water | Lead (as Pb) | APHA 3120B & 3030 E(23rd Edition) |
| 140 | CHEMICAL- RESIDUES IN WATER | Processed water | Manganese | APHA 3120B & 3030 E(23rd Edition) |
| 141 | CHEMICAL- RESIDUES IN WATER | Processed water | Nickel (as Ni) | APHA 3120B & 3030 E(23rd Edition) |
| 142 | CHEMICAL- RESIDUES IN WATER | processed water | Vanadium (as V) | APHA 3120B & 3030 E(23rd Edition) |
| 143 | CHEMICAL- RESIDUES IN WATER | Processed water | Zinc (as Zn) | APHA 3120B & 3030 E(23rd Edition) |
| 144 | CHEMICAL- RESIDUES IN WATER | Surface water | Arsenic (as As) | APHA 3120B & 3030 E(23rd Edition) |
| 145 | CHEMICAL- RESIDUES IN WATER | Surface water | Barium (as Ba) | APHA 3120B & 3030 E(23rd Edition) |
| 146 | CHEMICAL- RESIDUES IN WATER | Surface water | Cadmium (as Cd) | APHA 3120B & 3030 E(23rd Edition) |
| 147 | CHEMICAL- RESIDUES IN WATER | Surface water | Chromium (as Cr) | APHA 3120B & 3030 E(23rd Edition) |
| 148 | CHEMICAL- RESIDUES IN WATER | Surface water | Copper (as Cu) | APHA 3120B & 3030 E(23rd Edition) |
| 149 | CHEMICAL- RESIDUES IN WATER | Surface water | Cyanide (as CN) Colorimetry | APHA 4500 CN C&E (23rd Edition) |
| 150 | CHEMICAL- RESIDUES IN WATER | Surface water | Cyanide (as CN) Titrimetry | APHA 4500 CN C&D (23rd Edition) |

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| 151 | CHEMICAL- RESIDUES IN WATER | Surface water | Iron (as Fe) | APHA 3120B & 3030 E(23rd Edition) |
| 152 | CHEMICAL- RESIDUES IN WATER | Surface water | Lead (as Pb) | APHA 3120B & 3030 E(23rd Edition) |
| 153 | CHEMICAL- RESIDUES IN WATER | surface water | Nickel (as Ni) | APHA 3120B & 3030 E(23rd Edition) |
| 154 | CHEMICAL- RESIDUES IN WATER | surface water | Zinc (as Zn) | APHA 3120B & 3030 E(23rd Edition) |
| 155 | CHEMICAL- RESIDUES IN WATER | Swimming pool water | Aluminum (as Al) | APHA 3120B & 3030 E(23rd Edition) |
| 156 | CHEMICAL- RESIDUES IN WATER | swimming pool water | Arsenic (as As) | APHA 3120B & 3030 E(23rd Edition) |
| 157 | CHEMICAL- RESIDUES IN WATER | Swimming pool water | Barium (as Ba) | APHA 3120B & 3030 E(23rd Edition) |
| 158 | CHEMICAL- RESIDUES IN WATER | Swimming pool water | Cadmium (as Cd) | APHA 3120B & 3030 E(23rd Edition) |
| 159 | CHEMICAL- RESIDUES IN WATER | Swimming pool water | Chromium (as Cr) | APHA 3120B & 3030 E(23rd Edition) |
| 160 | CHEMICAL- RESIDUES IN WATER | Swimming pool water | Copper (as Cu) | APHA 3120B & 3030 E(23rd Edition) |
| 161 | CHEMICAL- RESIDUES IN WATER | Swimming pool water | Cyanide (as CN) Colorimetry | APHA 4500 CN C&E (23rd Editon) |
| 162 | CHEMICAL- RESIDUES IN WATER | Swimming pool water | Cyanide (as CN) Titrimetry | APHA 4500 CN C&D (23rd Edition) |
| 163 | CHEMICAL- RESIDUES IN WATER | Swimming pool water | Iron (as Fe) | APHA 3120B & 3030 E(23rd Edition) |
| 164 | CHEMICAL- RESIDUES IN WATER | Swimming pool water | Lead (as Pb) | APHA 3120B & 3030 E(23rd Edition) |
| 165 | CHEMICAL- RESIDUES IN WATER | Swimming pool water | Manganese | APHA 3120B & 3030 E(23rd Edition) |
| 166 | CHEMICAL- RESIDUES IN WATER | Swimming pool water | Nickel (as Ni) | APHA 3120B & 3030 E(23rd Edition) |
| 167 | CHEMICAL- RESIDUES IN WATER | Swimming pool water | Vanadium (as V) | APHA 3120B & 3030 E(23rd Edition) |
| 168 | CHEMICAL- RESIDUES IN WATER | Swimming pool water | Zinc (as Zn) | APHA 3120B & 3030 E(23rd Edition) |
| 169 | CHEMICAL- RESIDUES IN WATER | Water | Arsenic (as As) | APHA 3120B & 3030 E(23rd Edition) |

# SCOPE OF ACCREDITATION

**Laboratory Name :** TRANS THANE CREEK WASTE MANAGEMENT ASSOCIATION, P-128, TTC INDUSTRIAL AREA, THANE BELAPUR ROAD, MAHAPE, NAVI MUMBAI, MAHARASHTRA, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-8313 **Page No** 10 of 12

**Validity** 29/03/2023 to 28/03/2025 **Last Amended on** -

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| 170 | CHEMICAL- RESIDUES IN WATER | Water | Barium (as Ba) | APHA 3120B & 3030 E(23rd Edition) |
| 171 | CHEMICAL- RESIDUES IN WATER | water | Chloride (as Cl) | IS 3025 (part 32) |
| 172 | CHEMICAL- RESIDUES IN WATER | Water | Copper (as Cu) | APHA 3120B & 3030 E(23rd Edition) |
| 173 | CHEMICAL- RESIDUES IN WATER | Water | Iron (as Fe) | APHA 3120B & 3030 E(23rd Edition) |
| 174 | CHEMICAL- RESIDUES IN WATER | Water for Processed Food Industry/ Processed water | Arsenic (as As) | APHA 3120B & 3030 E(23rd Edition) |
| 175 | CHEMICAL- RESIDUES IN WATER | Water for processed food industry | Cyanide (as CN) Titrimetry | APHA 4500 CN C&D (23rd Edition) |
| 176 | CHEMICAL- WATER | Drinking water | Dissolved Oxygen | IS 3025 Part 38 |
| 177 | CHEMICAL- WATER | Drinking water | Electrical Conductivity | APHA 2520 B (23rd Edition) |
| 178 | CHEMICAL- WATER | Drinking water | Fluoride (as F) | APHA 4500F-D (23rd Edition) |
| 179 | CHEMICAL- WATER | Drinking water | Nitrate (as NO3) | IS 3025 part 34 |
| 180 | CHEMICAL- WATER | Drinking water | Total Dissolved Solid | IS 3025 part 16 |
| 181 | CHEMICAL- WATER | Drinking water | Total Hardness (as CaCO3) | IS 3025 Part 21 |
| 182 | CHEMICAL- WATER | Drinking water | Turbidity | IS 3025 (Part 10) |
| 183 | CHEMICAL- WATER | Borewell Water | Alkalinity as CaCO3 | IS 3025 Part 23 |
| 184 | CHEMICAL- WATER | Borewell water | Ammonia as NH3-N | IS 3025 part 34 |
| 185 | CHEMICAL- WATER | Borewell Water | Chloride | IS 3025 Part 32 |
| 186 | CHEMICAL- WATER | Borewell water | Dissolved Oxygen | IS 3025 (part 38) |
| 187 | CHEMICAL- WATER | Borewell water | Electrical Conductivity | APHA 2520 B (23rd Edition) |
| 188 | CHEMICAL- WATER | Borewell water | Fluoride (as F) | APHA 4500 FD (23rd Edition) |
| 189 | CHEMICAL- WATER | Borewell water | Nitrate (as NO3) | IS 3025 (part 34) |
| 190 | CHEMICAL- WATER | Borewell water | pH | IS 3025 Part 11 |
| 191 | CHEMICAL- WATER | Borewell Water | Phenol | IS 3025 Part 43 |
| 192 | CHEMICAL- WATER | Borewell Water | Phosphorus | IS 3025 Part 31/sec-1 |
| 193 | CHEMICAL- WATER | Borewell Water | Silica | IS 3025 (Part 35) |
| 194 | CHEMICAL- WATER | Borewell Water | Sulphate | IS 3025 Part 24/sec-1 |
| 195 | CHEMICAL- WATER | Borewell Water | Sulphide as H2S | IS 3025 (Part 29) |
| 196 | CHEMICAL- WATER | Borewell Water | Total Dissolved Solids | IS 3025 Part 16 |

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**Accreditation Standard** ISO/IEC 17025:2017

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|---|---|---|---|---|
| 197 | CHEMICAL- WATER | Borewell Water | Total Hardness | IS 3025 Part 21 |
| 198 | CHEMICAL- WATER | Borewell water | Total Solid | IS 3025 (part 15) |
| 199 | CHEMICAL- WATER | Borewell water | Total Suspended Solids | IS 3025 (part 17) |
| 200 | CHEMICAL- WATER | Borewell Water | Turbidity | IS 3025 Part 10 |
| 201 | CHEMICAL- WATER | Construction water | Dissolved Oxygen | IS 3025 (Part 38) |
| 202 | CHEMICAL- WATER | Construction water | Electrical Conductivity | APHA 2520 B 23rd Edition |
| 203 | CHEMICAL- WATER | Construction water | Fluoride (as F) | APHA 4500F-D 23rd Edition |
| 204 | CHEMICAL- WATER | Construction water | pH | IS 3025 (part 11) |
| 205 | CHEMICAL- WATER | Construction water | Total Alkalinity (as CaCO3) | IS 3025 part 23 |
| 206 | CHEMICAL- WATER | Construction water | Total Hardness (as CaCO3) | IS 3025 Part 21 |
| 207 | CHEMICAL- WATER | Construction water | Total Solid | IS 3025 part 15 |
| 208 | CHEMICAL- WATER | Construction water | Total Suspended Solids | IS 3025 part 17 |
| 209 | CHEMICAL- WATER | Drinking Water | Alkalinity as CaCO3 | IS 3025 Part 23 |
| 210 | CHEMICAL- WATER | Drinking water | Ammonia as NH3-N | IS 3025 (part 34) |
| 211 | CHEMICAL- WATER | Drinking Water | Chloride | IS 3025 (Part 32) |
| 212 | CHEMICAL- WATER | Drinking Water | m-alkalinity | IS 3025 (Part 23) |
| 213 | CHEMICAL- WATER | Drinking Water | p-alkalinity | IS 3025 Part 23 |
| 214 | CHEMICAL- WATER | Drinking water | pH | IS 3025 (part 11) |
| 215 | CHEMICAL- WATER | Drinking Water | Phenol | IS 3025 Part 43 |
| 216 | CHEMICAL- WATER | Drinking water | Phosphorus (as P) | IS 3025 Part 31/sec-1 |
| 217 | CHEMICAL- WATER | Drinking Water | Sulphate as SO4 | IS 3025 Part 24/sec-1 |
| 218 | CHEMICAL- WATER | Drinking Water | Sulphide as H2S | IS 3025 (Part 29) |
| 219 | CHEMICAL- WATER | Drinking water | Total Dissolved Solid | IS 3025 part 16 |
| 220 | CHEMICAL- WATER | Drinking water | Total Solid | IS 3025 part 15 |
| 221 | CHEMICAL- WATER | Drinking water | Total Suspended Solids | IS 3025 part 17 |
| 222 | CHEMICAL- WATER | Surface water | Aluminum (as Al) | APHA 3120B & 3030 E(23rd Edition) |
| 223 | CHEMICAL- WATER | Surface water | Dissolved Oxygen | IS 3025 (part 38) |
| 224 | CHEMICAL- WATER | Surface water | Electrical Conductivity | APHA 2520 B 23rd Edition |
| 225 | CHEMICAL- WATER | Surface water | Fluoride (as F) | APHA 4500 F-D(23rd Edition) |
| 226 | CHEMICAL- WATER | Surface water | Total Dissolved Solid | IS 3025 part 16 |

# SCOPE OF ACCREDITATION

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|---|---|---|---|---|
| 227 | CHEMICAL- WATER | Surface water | Total Solid | IS 3025 (part 15) |
| 228 | CHEMICAL- WATER | Swimming pool water | Dissolved Oxygen | IS 3025 (part 38) |
| 229 | CHEMICAL- WATER | Swimming pool water | Electrical Conductivity | APHA 2520 B 23rd Edition |
| 230 | CHEMICAL- WATER | Swimming pool water | Fluoride (as F) | APHA 4500 F-D (23rd Edition) |
| 231 | CHEMICAL- WATER | Swimming pool water | Total Dissolved Solid | IS 3025 part 16 |
| 232 | CHEMICAL- WATER | Swimming pool water | Total Solid | IS 3025 part 15 |
| 233 | CHEMICAL- WATER | Water for processed food industry | Chloride (as Cl) | IS 3025 (part 32) |
| 234 | CHEMICAL- WATER | Water for processed food industry | Dissolved Oxygen | IS 3025 (part 38) |
| 235 | CHEMICAL- WATER | Water for processed food industry | Electrical Conductivity | APHA 2520 B 23rd Edition |
| 236 | CHEMICAL- WATER | Water for processed food industry | Fluoride (as F) | APHA 4500 F-D (23rd Edition) |
| 237 | CHEMICAL- WATER | Water for processed food industry | Manganese | APHA 3120B & 3030 E(23rd Edition) |
| 238 | CHEMICAL- WATER | Water for processed food industry | Total Dissolved Solid | IS 3025 (part 16) |
| 239 | CHEMICAL- WATER | Water for processed food industry | Total Solid | IS 3025 (part 15) |