# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** SOHM ANALYTICAL SERVICES (I) PVT. LTD., A-121/101, B-33/35, AMARGIAN INDUSTRIAL ESTATE, POKHARAN ROAD NO. 1, KHOPAT, WEST, THANE, MAHARASHTRA, INDIA

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

**Certificate Number** TC-7879 **Page No** 1 of 20

**Validity** 12/09/2021 to 11/09/2023 **Last Amended on** 09/11/2021

| 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 |
|---|---|---|---|---|
| Permanent Facility | | | | |
| 1 | CHEMICAL- CORROSION TESTS | Metals & Coated Metals | Salt Spray Test | ISO 9227 |
| 2 | CHEMICAL- CORROSION TESTS | Metals and Coated Metal | Salt Spray Test | ASTM B 117 |
| 3 | CHEMICAL- METALS & ALLOYS | Copper & its Alloys | Antimony | BS EN 15079 |
| 4 | CHEMICAL- METALS & ALLOYS | Copper & its Alloys | Manganese | BS EN 15079 |
| 5 | CHEMICAL- METALS & ALLOYS | Aluminium & Aluminium Alloy | Cobalt | ASTM E 1251 |
| 6 | CHEMICAL- METALS & ALLOYS | Aluminium & its alloys | Bismuth | ASTM E 1251 |
| 7 | CHEMICAL- METALS & ALLOYS | Aluminium & its alloys | Chromium | ASTM E 1251 |
| 8 | CHEMICAL- METALS & ALLOYS | Aluminium & its alloys | Copper | ASTM E 1251 |
| 9 | CHEMICAL- METALS & ALLOYS | Aluminium & its alloys | Iron | ASTM E 1251 |
| 10 | CHEMICAL- METALS & ALLOYS | Aluminium & its alloys | Lead | ASTM E 1251 |
| 11 | CHEMICAL- METALS & ALLOYS | Aluminium & its alloys | Magnesium | ASTM E 1251 |
| 12 | CHEMICAL- METALS & ALLOYS | Aluminium & its alloys | Manganese | ASTM E 1251 |
| 13 | CHEMICAL- METALS & ALLOYS | Aluminium & its alloys | Nickel | ASTM E 1251 |
| 14 | CHEMICAL- METALS & ALLOYS | Aluminium & its alloys | Silicon | ASTM E 1251 |
| 15 | CHEMICAL- METALS & ALLOYS | Aluminium & its alloys | Tin | ASTM E 1251 |
| 16 | CHEMICAL- METALS & ALLOYS | Aluminium & its alloys | Titanium | ASTM E 1251 |
| 17 | CHEMICAL- METALS & ALLOYS | Aluminium & its alloys | Vanadium | ASTM E 1251 |
| 18 | CHEMICAL- METALS & ALLOYS | Aluminium & its alloys | Zinc | ASTM E 1251 |

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|---|---|---|---|---|
| 19 | CHEMICAL- METALS & ALLOYS | Cast Iron | Carbon | ASTM E 1999 |
| 20 | CHEMICAL- METALS & ALLOYS | Cast Iron | Chromium | ASTM E 1999 |
| 21 | CHEMICAL- METALS & ALLOYS | Cast Iron | Copper | ASTM E 1999 |
| 22 | CHEMICAL- METALS & ALLOYS | Cast iron | Manganese | ASTM E 1999 |
| 23 | CHEMICAL- METALS & ALLOYS | Cast Iron | Molybdenum | ASTM E 1999 |
| 24 | CHEMICAL- METALS & ALLOYS | Cast Iron | Nickel | ASTM E 1999 |
| 25 | CHEMICAL- METALS & ALLOYS | Cast Iron | Phosphorous | ASTM E 1999 |
| 26 | CHEMICAL- METALS & ALLOYS | Cast Iron | Silicon | ASTM E 1999 |
| 27 | CHEMICAL- METALS & ALLOYS | Cast iron | Sulphur | ASTM E 1999 |
| 28 | CHEMICAL- METALS & ALLOYS | Cobalt & its alloys | Carbon (C) | SAS/CHEM/22 |
| 29 | CHEMICAL- METALS & ALLOYS | Cobalt & its alloys | Chromium (Cr) | SAS/CHEM/22 |
| 30 | CHEMICAL- METALS & ALLOYS | Cobalt & its alloys | Copper (Cu) | SAS/CHEM//22 |
| 31 | CHEMICAL- METALS & ALLOYS | Cobalt & its alloys | Ferrous (Fe) | SAS/CHEM/22 |
| 32 | CHEMICAL- METALS & ALLOYS | Cobalt & its alloys | Manganese (Mn) | SAS/CHEM/22 |
| 33 | CHEMICAL- METALS & ALLOYS | Cobalt & its alloys | Molybdenum (Mo) | SAS/CHEM/22 |
| 34 | CHEMICAL- METALS & ALLOYS | Cobalt & its Alloys | Nickel (Ni) | SAS/CHEM/22 |
| 35 | CHEMICAL- METALS & ALLOYS | Cobalt & its alloys | Phosphorus (P) | SAS/CHEM/22 |
| 36 | CHEMICAL- METALS & ALLOYS | Cobalt & its alloys | Silicon (Si) | SAS/CHEM/22 |
| 37 | CHEMICAL- METALS & ALLOYS | Cobalt & its alloys | Sulphur (S) | SAS/CHEM/22 |

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|---|---|---|---|---|
| 38 | CHEMICAL- METALS & ALLOYS | Cobalt & its alloys | Tungsten (W) | SAS/CHEM/22 |
| 39 | CHEMICAL- METALS & ALLOYS | Copper & its alloy | Magnesium (Mg) | BS EN 15079 |
| 40 | CHEMICAL- METALS & ALLOYS | Copper & its Alloys | Phosphorus | BS EN 15079 |
| 41 | CHEMICAL- METALS & ALLOYS | Copper & its Alloys | Aluminium | BS EN 15079: |
| 42 | CHEMICAL- METALS & ALLOYS | Copper & its Alloys | Arsenic | BS EN 15079 |
| 43 | CHEMICAL- METALS & ALLOYS | Copper & its Alloys | Beryllium | BS EN 15079 |
| 44 | CHEMICAL- METALS & ALLOYS | Copper & its Alloys | Bismuth | BS EN 15079 |
| 45 | CHEMICAL- METALS & ALLOYS | Copper & its Alloys | Cadmium | BS EN 15079 |
| 46 | CHEMICAL- METALS & ALLOYS | Copper & its Alloys | Carbon | BS EN 15079 |
| 47 | CHEMICAL- METALS & ALLOYS | Copper & its alloys | Chromium (Cr) | BS EN 15079 |
| 48 | CHEMICAL- METALS & ALLOYS | Copper & its Alloys | Copper | IS 440 |
| 49 | CHEMICAL- METALS & ALLOYS | Copper & its Alloys | Iron | BS EN 15079 |
| 50 | CHEMICAL- METALS & ALLOYS | Copper & its Alloys | Lead | BS EN 15079 |
| 51 | CHEMICAL- METALS & ALLOYS | Copper & its Alloys | Nickel | BS EN 15079 |
| 52 | CHEMICAL- METALS & ALLOYS | Copper & its Alloys | Silicon | BS EN 15079 |
| 53 | CHEMICAL- METALS & ALLOYS | Copper & its Alloys | Silver | BS EN 15079 |
| 54 | CHEMICAL- METALS & ALLOYS | Copper & its Alloys | Sulphur | BS EN 15079 |
| 55 | CHEMICAL- METALS & ALLOYS | Copper & its Alloys | Tin | BS EN 15079 |
| 56 | CHEMICAL- METALS & ALLOYS | Copper & its Alloys | Zinc | BS EN 15079 |

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| 57 | CHEMICAL- METALS & ALLOYS | HOT-DIP GALVANIZING OF IRON AND STEEL | Knife Test | IS 2629 |
| 58 | CHEMICAL- METALS & ALLOYS | HOT-DIP GALVANIZING OF IRON AND STEEL | Uniformity Test (Preece Test) | IS 2633 |
| 59 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Carbon | IS 8811 |
| 60 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel | Sulphur | IS 228 (Part 9) - |
| 61 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Molybdenum | IS 8811 |
| 62 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Aluminium | ASTM E 415 |
| 63 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Aluminium | IS 8811 |
| 64 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Aluminium (Al) | ASTM E 350 |
| 65 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Antimony | ASTM E 415 |
| 66 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Antimony | IS 8811 |
| 67 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Arsenic | ASTM E 415 |
| 68 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Arsenic | IS 8811 |
| 69 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Boron | ASTM E 415 |
| 70 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Boron | IS 8811 |
| 71 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Calcium | ASTM E 415 |
| 72 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | carbon | ASTM E 415 |
| 73 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Carbon | IS 228 Part I |
| 74 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Chromium | IS 228 Part 6 |
| 75 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Chromium | ASTM E 415 |

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| 76 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Chromium (Cr) | ASTM E 350 |
| 77 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Cobalt | ASTM E 415 |
| 78 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Cobalt | IS 8811 |
| 79 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Copper | ASTM E 415 |
| 80 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Copper | IS 8811 |
| 81 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Copper (Cu) | ASTM E 350 |
| 82 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Lead | ASTM E 415 |
| 83 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Manganese | ASTM E 350 |
| 84 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Manganese | ASTM E 415 |
| 85 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Manganese | IS 228 Part II |
| 86 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Manganese | IS 8811 |
| 87 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Molybdenum | ASTM E 415 |
| 88 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Molybdenum | IS 228 Part 7 |
| 89 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Nickel | ASTM E 415 |
| 90 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Nickel | IS 228 Part V |
| 91 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Nickel | IS 8811 |
| 92 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Nickel (Ni) | ASTM E 350 |
| 93 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Niobium | ASTM E 415 |
| 94 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Niobium | IS 8811 |

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| 95 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Nitrogen | ASTM E 415 |
| 96 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Phosphorous | IS 8811 |
| 97 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Phosphorus | ASTM E 415 |
| 98 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Phosphorus (P) | IS 228 ( PART 3) |
| 99 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Silicon | ASTM E 415 |
| 100 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Silicon | IS 228 Part 8 |
| 101 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Silicon | IS 8811 |
| 102 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Sulphur | ASTM E 415 |
| 103 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Sulphur | IS 8811 |
| 104 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Tin | ASTM E415 |
| 105 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Tin | IS 8811 |
| 106 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Titanium | ASTM E 415 |
| 107 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Titanium | IS 8811 |
| 108 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Vanadium | ASTM E 415 |
| 109 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Vanadium | IS 8811 |
| 110 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | VANADIUM (V) | ASTM E 350 |
| 111 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steel) | Zirconium (Zr) | IS 8811 |
| 112 | CHEMICAL- METALS & ALLOYS | Low Alloy & Carbon Steel(Low carbon, Medium carbon & High carbon steell | Chromium | IS 8811 |
| 113 | CHEMICAL- METALS & ALLOYS | Nickel & its alloys | Niobium | ASTM E 3047 |

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|---|---|---|---|---|
| 114 | CHEMICAL- METALS & ALLOYS | Nickel & its alloys | Aluminium | ASTM E 3047 |
| 115 | CHEMICAL- METALS & ALLOYS | Nickel & its alloys | Boron | ASTM E 3047 |
| 116 | CHEMICAL- METALS & ALLOYS | Nickel & its alloys | Carbon | ASTM E 3047 |
| 117 | CHEMICAL- METALS & ALLOYS | Nickel & its alloys | Chromium | ASTM E 3047 |
| 118 | CHEMICAL- METALS & ALLOYS | Nickel & its alloys | Cobalt | ASTM E 3047 |
| 119 | CHEMICAL- METALS & ALLOYS | Nickel & its alloys | Copper | ASTM E 3047 |
| 120 | CHEMICAL- METALS & ALLOYS | Nickel & its alloys | Iron | ASTM E 3047 |
| 121 | CHEMICAL- METALS & ALLOYS | Nickel & its alloys | Manganese | ASTM E 3047 |
| 122 | CHEMICAL- METALS & ALLOYS | Nickel & its alloys | Molybdenum | ASTM E 3047 |
| 123 | CHEMICAL- METALS & ALLOYS | Nickel & its alloys | Phosphorus | ASTM E 3047 |
| 124 | CHEMICAL- METALS & ALLOYS | Nickel & its alloys | Silicon | ASTM E 3047 |
| 125 | CHEMICAL- METALS & ALLOYS | Nickel & its alloys | Sulphur | ASTM E 3047 |
| 126 | CHEMICAL- METALS & ALLOYS | Nickel & its alloys | Titanium | ASTM E 3047 |
| 127 | CHEMICAL- METALS & ALLOYS | Nickel & its alloys | Tungsten | ASTM E 1916 |
| 128 | CHEMICAL- METALS & ALLOYS | Nickel & its alloys | Tungsten | ASTM E 3047 |
| 129 | CHEMICAL- METALS & ALLOYS | Nickel & its alloys | Vanadium | ASTM E 3047 |
| 130 | CHEMICAL- METALS & ALLOYS | stainless Steel | Carbon | IS 9879 |
| 131 | CHEMICAL- METALS & ALLOYS | Stainless steel | Carbon | ASTM E 1086 |
| 132 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Carbon | IS 228 Part I |

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|---|---|---|---|---|
| 133 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Chromium | ASTM E 1086 |
| 134 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Chromium | IS 228 Part 6 |
| 135 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Chromium | IS 9879 |
| 136 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Cobalt | IS 9879 |
| 137 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Copper | ASTM E1086 |
| 138 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Copper | IS 9879 |
| 139 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Manganese | ASTM E 1086 |
| 140 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Manganese | IS 9879 |
| 141 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Molybdenum | ASTM E 1086 |
| 142 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Molybdenum | IS 228 (Part 7) |
| 143 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Molybdenum | IS 9879 |
| 144 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Nickel | ASTM E 1086 |
| 145 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Nickel | ASTM E 353 |
| 146 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Nickel | IS 9879 |
| 147 | CHEMICAL- METALS & ALLOYS | Stainless steel | Nitrogen (N) | IS 228 PART 19 |
| 148 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Phosphorous | IS 228 Part III |
| 149 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Phosphorous | IS 9879 |
| 150 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Phosphorus | ASTM E 1086 |
| 151 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Silicon | ASTM E 1086 |

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| 152 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Silicon | IS 228 Part 8 |
| 153 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Silicon | IS 9879 |
| 154 | CHEMICAL- METALS & ALLOYS | stainless Steel | Sulphur | IS 9879 |
| 155 | CHEMICAL- METALS & ALLOYS | STAINLESS STEEL | SULPHUR (S) | IS 228 (PART 9) |
| 156 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Sulphur | ASTM E 1086 |
| 157 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Titanium | ASTM E 1086 |
| 158 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Tungsten | ASTM E 1086 |
| 159 | CHEMICAL- METALS & ALLOYS | Stainless steel & Alloys | Manganese | SAS/CHEM/10 |
| 160 | CHEMICAL- METALS & ALLOYS | Stainless Steel by AAS Method | Manganese (Mn) | SAS/CHEM/AAS/15 |
| 161 | CHEMICAL- METALS & ALLOYS | Stainless Steel by AAS Method | Vanadium (V) | ASTM E 353 |
| 162 | CHEMICAL- METALS & ALLOYS | Wire, Sheet, Strip, Plate,Pipe,Profiles,Angle | Mass of Zinc Coating (By Stripping Method | IS 6745 |
| 163 | CHEMICAL- METALS & ALLOYS | Zinc Coated Fabricated Product (Fabricated from Plates,sheet,profiles) | Adhesion Test | IS 2629 |
| 164 | MECHANICAL- MECHANICAL PROPERTIES OF METALS | Cladded steel Plate | Shear Test (10kN to to 1200kN) | ASTM A 263/SA 263 |
| 165 | MECHANICAL- MECHANICAL PROPERTIES OF METALS | Cladded steel Plate | Shear Test (10kN to 1200kN ) | ASTM A 265/SA 265 |
| 166 | MECHANICAL- MECHANICAL PROPERTIES OF METALS | Cladded steel Plate | Shear Test10kN to 1200kN) | ASTM A 264 /SA 264 |
| 167 | MECHANICAL- MECHANICAL PROPERTIES OF METALS | Ferritic alloy,Austenitic alloy and stainless steel tubes. | Flaring Test/Drift Test | ASTM A1016/1016M |
| 168 | MECHANICAL- MECHANICAL PROPERTIES OF METALS | Ferrous Alloys - Nuts | Proof Load | ASTM A370 |

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| **Laboratory Name :** | SOHM ANALYTICAL SERVICES (I) PVT. LTD., A-121/101, B-33/35, AMARGIAN INDUSTRIAL ESTATE, POKHARAN ROAD NO. 1, KHOPAT, WEST, THANE, MAHARASHTRA, INDIA | | |
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|---|---|---|---|---|
| 169 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys | Hardness Rockwell B | ASTM E18 |
| 170 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys | Hardness Rockwell B | IS 1586 (Part 1) |
| 171 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys | Hardness Rockwell B | ISO 6508-1 |
| 172 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys | Hardness Rockwell C | ISO 6508-1 |
| 173 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys | Hardness Vickers | ASTM E92 |
| 174 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys | Hardness Vickers | ASTM E92 |
| 175 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys | Hardness Vickers | ASTM E92 |
| 176 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys | Hardness Vickers | IS 1501 (Part 1) |
| 177 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys | Hardness Vickers | IS 1501 (Part 1) |
| 178 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys | Hardness Vickers | ISO 6507-1 |
| 179 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys | Hardness Vickers | ISO 6507-1 |
| 180 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys | Hardness Vickers | ISO 6507-1 |
| 181 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys | Hardness Rockwell C | IS 1586 (Part 1) |
| 182 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys | Hardness Rockwell C | ASTM E18 |

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|---|---|---|---|---|
| 183 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys | Hardness Vickers | IS 1501 (Part 1) |
| 184 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys | Tensile Test Yield Strength (10kN to 1200kN) | IS 1608 (PART 1) |
| 185 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys | Tensile Test, (% elongation ) | IBR Rule(18th edition) |
| 186 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys | Tensile Test, (% elongation ) | IS 1608(Part 1) |
| 187 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys | Tensile Test, (% elongation ) | ISO 6892-1 |
| 188 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys | Tensile Test, (% Reduction Area ) | IBR Rule (18th edition) |
| 189 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys | Tensile Test, (% Reduction Area ) | IS 1608(Part 1) |
| 190 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys | Tensile Test, (% Reduction Area ) | ISO 6892-1 |
| 191 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys | Tensile Test, (0.2% to 1% ProofStress | ASTM E8/E8M |
| 192 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys | Tensile Test, (0.2% to 1% ProofStress ) | IBR Rule(18th edition) |
| 193 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys | Tensile Test, (0.2% to 1% ProofStress) | ISO 6892-1 |
| 194 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys | Tensile Test, (0.2% to 1% ProofStress ) | IS 1608(Part 1) |
| 195 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys | Ultimate Tensile Strength (10kN To 1200kN) | ASTM E 8/E8M |
| 196 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys | Ultimate Tensile Strength (10kN to 1200kN) | ISO 6892-1 |

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|---|---|---|---|---|
| 197 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys | Ultimate Tensile Strength((10kN to 1200kN) | IS1608 (PART 1) |
| 198 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys | Ultimate Tensile Strength(10 kN To1200 kN ) | IBR Rule(18th edition ) |
| 199 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys | Brinell Hardness | ASTM E 10 |
| 200 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys | Brinell Hardness | IS 1500 (Part 1) |
| 201 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys | Brinell Hardness | ISO 6506-1 |
| 202 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys Tube / Pipe | Flaring Test/Drift Test | ASTM A370 |
| 203 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys Tube / Pipe | Flaring Test/Drift Test | IS 2335 |
| 204 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous ,Non Ferrous Metals & Alloys (Weld) | Nick break Test(10kN to 1200kN) | IS 2825 |
| 205 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous Materials ,alloys & products | Charpy 'V' notch Impact Test | ASTM A370 |
| 206 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous Materials ,alloys & products | Nick break Test (10kN to 1200kN) | IS 3600 (Part 8) |
| 207 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous Materials ,alloys & products | Nick break Test(10kN to 1200kN) | API 1104 |
| 208 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous Materials ,alloys & products | Nick break Test(10kN to 1200kN) | IBR Rule:(18th edition) |
| 209 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous Materials ,alloys & products | Tensile Test, (% elongation ) | ASTM A370 |
| 210 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous Materials ,alloys & products | Tensile Test, (% Reduction Area ) | ASTM A 370 |

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|---|---|---|---|---|
| 211 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous Materials ,alloys & products | Tensile Test, (0.2% to 1% ProofStress ) | ASTM A370 |
| 212 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous Materials ,alloys & products | Ultimate Tensile Strength | ASTM A 370 |
| 213 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous Materials,alloys | Proof Load | ASTM A 370 |
| 214 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous Metals & Alloys - Nuts | Proof Load | IS 1367 -Part 6 |
| 215 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous non ferrous metals & alloys | Micro Hardess Test | ASTM E 384 |
| 216 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous, Non Ferrous Metals & Alloys | Charpy ‘V’ notch Impact Test | ASTM E23 |
| 217 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous, Non Ferrous Metals & Alloys | Charpy ‘V’ notch Impact Test | BS EN ISO 148-1 |
| 218 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous, Non Ferrous Metals & Alloys | Charpy ‘V’ notch Impact Test | BS EN ISO 9016 |
| 219 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous, Non Ferrous Metals & Alloys | Charpy ‘V’ notch Impact Test | IBR Rule(18th edition) |
| 220 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Ferrous, Non Ferrous Metals & Alloys | Charpy ‘V’ notch Impact Test | IS 1757 (Part 1) |
| 221 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | FFerrous ,Non Ferrous Metals & Alloys | Tensile Test, (% Reduction Area ) | ASTM E 8/E8M |
| 222 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | High Strength deformed bar for concrete reinforcement | Re-bendTest | IS 1786 :2008 RA |
| 223 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Metals and alloys (Tube to tube sheet Mock up) | Pull Out Test | ASME SEC.VIII DIV.1 |
| 224 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Non Ferrous Metals & Alloys Tube / Pipe | Flaring Test/Drift Test | ASTM B153-(17) |

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| 225 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Non Ferrous Materials, alloys & products | Tensile Test, (% elongation ) | ASTM B 557 |
| 226 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Non Ferrous Materials, alloys & products | Tensile Test, (% Reduction Area ) | ASTM B 557 |
| 227 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Non ferrous Metals & alloys | Tensile test ( 0.2 % to 1 % proof stress) | ASTM B 557 |
| 228 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Non Ferrous Metals & Alloys | Ultimate Tensile Strength((10kN to 1200kN) | ASTM B 557 |
| 229 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Nuts | Proof Load | ASTM A194 |
| 230 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Solid drawn Copper Tube | Flaring Test/Drift Test | IS 2501 |
| 231 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Steel Plates | Through Thickness Tensile (%R.A)(10kN to 1200kN) | BS EN 10164 |
| 232 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Steel Plates | Through Thickness Tensile (%R.A) (10kN to 1200kN) | API SPEC 2H |
| 233 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Steel Plates | Through Thickness Tensile (%R.A)(10kN to 1200kN) | ASTM A770 |
| 234 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Steel Plates, Bars, Rods | Bend Test | ASTM A370 |
| 235 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Steel Plates, Bars, Rods | Bend Test | ASTM E290 |
| 236 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Steel Plates, Bars, Rods | Bend Test | IBR Rule:(18th edition) |
| 237 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Steel Plates, Bars, Rods | Bend Test | IS 1599 |
| 238 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Steel Plates, Bars, Rods | Bend Test | IS 2329 |

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|---|---|---|---|---|
| 239 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Steel Products | Hardness Rockwell C | ASTM A370 |
| 240 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Steel Products | Hardness Rockwell B | ASTM A370 |
| 241 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Steel Tubes / Pipe | Flattening Reverse Flattening Test | ASTM A1016/1016M |
| 242 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Steel Tubes / Pipe | Flattening Reverse Flattening Test | ASTM A999 |
| 243 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Steel Tubes / Pipes | Bend Test | ASTM A370 |
| 244 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Steel Tubes / Pipes | Bend Test | ASTM A530 |
| 245 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Steel Tubes / Pipes | Bend Test | IS 2329 |
| 246 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Steel Tubes / Pipes | Flattening Reverse Flattening Test | ASTM A370 |
| 247 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Steel Tubes / Pipes | Flattening Reverse Flattening Test | IS 2328 |
| 248 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Weld Metal | Face Bend, Root Bend & Side Bend Test | API 1104 |
| 249 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Weld Metal | Face Bend, Root Bend & Side Bend Test | ASME SEC.IX |
| 250 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Weld Metal | Face Bend, Root Bend & Side Bend Test | AWS D1.1 |
| 251 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Weld Metal | Face Bend, Root Bend & Side Bend Test | BS EN ISO 5173:2010+A1 |
| 252 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Weld Metal | Face Bend, Root Bend & Side Bend Test | IBR Rule(18th edition) |

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|---|---|---|---|---|
| 253 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | weld metal | Face Bend, Root Bend & Side Bend Test | IS 2825 |
| 254 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Weld Metal | Tensile Test (Ultimate Tensile Strength) | API 1104 |
| 255 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Weld Metal | Tensile Test (Ultimate Tensile Strength) | ASME SEC.IX |
| 256 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Weld Metal | Tensile Test (Ultimate Tensile Strength) | AWS B4.0 |
| 257 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Weld Metal | Tensile Test (Ultimate Tensile Strength) | AWS D1.1 |
| 258 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Weld Metal | Tensile Test (Ultimate Tensile Strength) | BS EN ISO 15614-1-2017+A1 |
| 259 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Weld Metal | Tensile Test (Ultimate Tensile Strength) | BS EN ISO 4136 |
| 260 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Weld Metal | Tensile Test (Ultimate Tensile Strength) | IBR Rule (18th edition) |
| 261 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Weld Metal | Tensile Test (Ultimate Tensile Strength) | IS 2825 |
| 262 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Welded / Brazed Products | Peel Test Fracture Test | ASME Sec. IX |
| 263 | MECHANICAL-METALLOGRAPHY TEST | Metallic / Non Metallic Coatings on ferrous, aluminum, copper base material Metallic / Non Metallic Coatings on ferrous, aluminum, copper base material | Thickness of Coating (Microscopic Method) | ASTM B487 |
| 264 | MECHANICAL-METALLOGRAPHY TEST | Austenitic Stainless Steel | IGC Practice A | ASTM A 262 |
| 265 | MECHANICAL-METALLOGRAPHY TEST | Austenitic Stainless Steel | IGC Practice E | ASTM A 262 |
| 266 | MECHANICAL-METALLOGRAPHY TEST | Austenitic Stainless Steel | IGC Practice B | ASTM A 262 |
| 267 | MECHANICAL-METALLOGRAPHY TEST | Austenitic Stainless Steel | IGC Practice C | ASTM A 262 |

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| 268 | MECHANICAL-METALLOGRAPHY TEST | Austenitic Stainless Steel | IGC Practice F | ASTM A 262 |
| 269 | MECHANICAL-METALLOGRAPHY TEST | Case Hardened Steels | Determination of case Depth, microscopic Method in steel. | IS 6416 |
| 270 | MECHANICAL-METALLOGRAPHY TEST | Cast Iron Products | Microstructure of Graphite Cast iron Nodularity in SG ron | ASTM A247 |
| 271 | MECHANICAL-METALLOGRAPHY TEST | Cast Iron Products | Microstructure of Graphite Cast iron Nodularity in SG ron | IS7754- |
| 272 | MECHANICAL-METALLOGRAPHY TEST | Duplex Stainless steel | Detection of Detrimental Intermetallic Phases Method A | ASTM A923 |
| 273 | MECHANICAL-METALLOGRAPHY TEST | Duplex Stainless steel | Detection of Detrimental Intermetallic Phases Method C | ASTM A923 |
| 274 | MECHANICAL-METALLOGRAPHY TEST | Duplex Stainless Steel, Stainless Steel, Ferrous Metals and Its Alloys | Sulphide Stress Cracking & Stress Corrosion Cracking - Method A,B,C | NACE TM0177 |
| 275 | MECHANICAL-METALLOGRAPHY TEST | Ferritic, Austenitic and Duplex Stainless Steel | IGC Method A | ISO 3651 Part-2 |
| 276 | MECHANICAL-METALLOGRAPHY TEST | Ferritic, Austenitic and Duplex Stainless Steel | IGC Method C(Huey Test) | ISO 3651 Part-1 |
| 277 | MECHANICAL-METALLOGRAPHY TEST | Ferrous Metals & Alloys | Ferrite Content Test (Ferritescope method ) | ASTM A800 |
| 278 | MECHANICAL-METALLOGRAPHY TEST | Ferrous Metals & Alloys | Ferrite Content Test (By Metallography) | ASTM E-562 |
| 279 | MECHANICAL-METALLOGRAPHY TEST | Ferrous Metals & Alloys (Wrought Cast & Welded Stainless Steels) | Chloride Stress Corrosion Cracking Test in boiling MgCl2 / CaCl2 Solution | ASTM G36 |
| 280 | MECHANICAL-METALLOGRAPHY TEST | Ferrous &Non Ferrous Alloys | Average grain Size | (Comparison method) ASTM E112 |
| 281 | MECHANICAL-METALLOGRAPHY TEST | Ferrous &Non Ferrous Alloys | Microstructure Examination | ASTM E 407:15e1 |
| 282 | MECHANICAL-METALLOGRAPHY TEST | Ferrous &Non Ferrous Alloys | Microstructure Examination, | ASM Handbook Volume 9 |
| 283 | MECHANICAL-METALLOGRAPHY TEST | Ferrous &Non Ferrous Alloys | MicrostructureExamination | ASTM E3-2011 |
| 284 | MECHANICAL-METALLOGRAPHY TEST | Ferrous ,Non Ferrous Metals, Alloys | Macro Examination | ASTM E 381 |
| 285 | MECHANICAL-METALLOGRAPHY TEST | Ferrous ,Non Ferrous Metals, Alloys& Welded Joints | Macro Examination | ASME Sec IX |

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| 286 | MECHANICAL-METALLOGRAPHY TEST | Ferrous ,Non Ferrous Metals, Alloys& Welded Joints | Macro Examination | ASTM E340 |
| 287 | MECHANICAL-METALLOGRAPHY TEST | Ferrous ,Non Ferrous Metals, Alloys& Welded Joints | Macro Examination | ASTM E381 |
| 288 | MECHANICAL-METALLOGRAPHY TEST | Ferrous ,Non Ferrous Metals, Alloys& Welded Joints | Macro Examination | BS EN ISO 17639 |
| 289 | MECHANICAL-METALLOGRAPHY TEST | Ferrous ,Non Ferrous Metals, Alloys& Welded Joints | Macro Examination | IS 11371 |
| 290 | MECHANICAL-METALLOGRAPHY TEST | Ferrous ,Non Ferrous Metals, Alloys& Welded Joints | Macro Examination | AWS D1.1 |
| 291 | MECHANICAL-METALLOGRAPHY TEST | Ferrous Alloys | Inclusion Rating Method A & D | ASTM E45-18a |
| 292 | MECHANICAL-METALLOGRAPHY TEST | Ferrous Alloys | Inclusion Rating Method A & D | Comparison Method IS 4163 |
| 293 | MECHANICAL-METALLOGRAPHY TEST | Ferrous Metal & Alloys (Pipes & Pressure vessel Steels) | Hydrogen Induced Cracking | NACE TM 0284 |
| 294 | MECHANICAL-METALLOGRAPHY TEST | Ferrous Metals & Alloys (Tubes & Tube Sheets | Macro etch Test (Minimum Leak Path & Leg Length) | ASME Sec. IX |
| 295 | MECHANICAL-METALLOGRAPHY TEST | Nickel base and chromium bearing alloy | Critical pitting temperature test (Method C) | ASTM G48 |
| 296 | MECHANICAL-METALLOGRAPHY TEST | Nickel Rich Chromium Bearing Alloys | IGC - Method A | ASTM G28 |
| 297 | MECHANICAL-METALLOGRAPHY TEST | Nickel Rich Chromium Bearing Alloys | IGC - Method B | ASTM G28 |
| 298 | MECHANICAL-METALLOGRAPHY TEST | Stainless Steel and Related Alloys | Ferric Chloride Crevice test ((Method B)) | ASTM G 48 |
| 299 | MECHANICAL-METALLOGRAPHY TEST | Stainless Steel and Related Alloys | Ferric Chloride pitting test (Method A) | ASTM G48 |
| 300 | MECHANICAL-METALLOGRAPHY TEST | Steel Products | Determination of depth Of decarburized layer in Steel. | ASTM E1077 |
| 301 | MECHANICAL-METALLOGRAPHY TEST | Steel Products | Determination of depth Of decarburized layer in Steel. | IS-6396 |

# SCOPE OF ACCREDITATION

**Laboratory Name :** SOHM ANALYTICAL SERVICES (I) PVT. LTD., A-121/101, B-33/35, AMARGIAN INDUSTRIAL ESTATE, POKHARAN ROAD NO. 1, KHOPAT, WEST, THANE, MAHARASHTRA, INDIA

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

**Certificate Number** TC-7879 **Page No** 19 of 20

**Validity** 12/09/2021 to 11/09/2023 **Last Amended on** 09/11/2021

| 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 |
|---|---|---|---|---|
| Site Facility | | | | |
| 1 | CHEMICAL- METALS & ALLOYS | COPPER & ITS ALLOY | Bismuth | ASTM E 1916 |
| 2 | CHEMICAL- METALS & ALLOYS | COPPER & ITS ALLOY | Silver | ASTM E 1916 |
| 3 | CHEMICAL- METALS & ALLOYS | COPPER & ITS ALLOY | Zirconium | ASTM E 1916 |
| 4 | CHEMICAL- METALS & ALLOYS | Copper & its Alloys | Nickel | ASTM E 1916 |
| 5 | CHEMICAL- METALS & ALLOYS | Copper & its Alloys | Antimony | ASTM E 1916 |
| 6 | CHEMICAL- METALS & ALLOYS | Copper & its Alloys | Arsenic | ASTM E 1916 |
| 7 | CHEMICAL- METALS & ALLOYS | Copper & Its alloys | Copper | ASTM E 1916 |
| 8 | CHEMICAL- METALS & ALLOYS | Copper & its Alloys | Iron | ASTM E 1916 |
| 9 | CHEMICAL- METALS & ALLOYS | Copper & its Alloys | Manganese | ASTM E 1916 |
| 10 | CHEMICAL- METALS & ALLOYS | Copper & its Alloys | Tin | ASTM E 1916 |
| 11 | CHEMICAL- METALS & ALLOYS | Copper & its Alloys | Zinc | ASTM E 1916 |
| 12 | CHEMICAL- METALS & ALLOYS | Copper &Its Alloys | Lead | ASTM E 1916 |
| 13 | CHEMICAL- METALS & ALLOYS | Ferrous Materials ,alloys & product | Copper | ASTM E 1916 |
| 14 | CHEMICAL- METALS & ALLOYS | Ferrous Materials ,alloys & products | Manganese | ASTM E 1916 |
| 15 | CHEMICAL- METALS & ALLOYS | Ferrous Materials ,alloys & products | Molybdenum | ASTM E 1916 |
| 16 | CHEMICAL- METALS & ALLOYS | Ferrous Materials ,alloys & products | Nickel | ASTM E 1916 |
| 17 | CHEMICAL- METALS & ALLOYS | Ferrous Materials ,alloys & products | Chromium | ASTM E 1916 |
| 18 | CHEMICAL- METALS & ALLOYS | Ferrous Materials ,alloys & products | Niobium | ASTM E 1916 |

# SCOPE OF ACCREDITATION

| | | | |
|---|---|---|---|
| **Laboratory Name :** | SOHM ANALYTICAL SERVICES (I) PVT. LTD., A-121/101, B-33/35, AMARGIAN INDUSTRIAL ESTATE, POKHARAN ROAD NO. 1, KHOPAT, WEST, THANE, MAHARASHTRA, INDIA | | |
| **Accreditation Standard** | ISO/IEC 17025:2017 | | |
| **Certificate Number** | TC-7879 | **Page No** | 20 of 20 |
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|---|---|---|---|---|
| 19 | CHEMICAL- METALS & ALLOYS | Ferrous Materials ,alloys & products | Titanium | ASTM E 1916 |
| 20 | CHEMICAL- METALS & ALLOYS | ferrous Materials alloys & products | Tungsten | ASTM E 1916 |
| 21 | CHEMICAL- METALS & ALLOYS | IRON & ITS ALLOY | COBALT | ASTM E 1916 |
| 22 | CHEMICAL- METALS & ALLOYS | Nickel & Its Alloys | Iron | ASTM E 1916 |
| 23 | CHEMICAL- METALS & ALLOYS | Nickel & Its Alloys | Tantalum | ASTM E 1916 |
| 24 | CHEMICAL- METALS & ALLOYS | Nickel & its alloys | Titanium | ASTM E 1916 |
| 25 | CHEMICAL- METALS & ALLOYS | Nickel & its alloys | Vanadium | ASTM E 1916 |
| 26 | CHEMICAL- METALS & ALLOYS | Nickel &Its alloys | Iron | ASTM E 1916 |
| 27 | CHEMICAL- METALS & ALLOYS | Nickel &its alloys | Chromium | ASTM E 1916 |
| 28 | CHEMICAL- METALS & ALLOYS | Nickel &its alloys | Manganese | ASTM E 1916 |
| 29 | CHEMICAL- METALS & ALLOYS | Nickel &Its alloys | Molybdenum | ASTM E 1916 |
| 30 | CHEMICAL- METALS & ALLOYS | Nickel &its alloys | Nickel | ASTM E 1916 |
| 31 | CHEMICAL- METALS & ALLOYS | Nickel &its alloys | Niobium | ASTM E 1916 |
| 32 | CHEMICAL- METALS & ALLOYS | Nickel &Its alloys | Tungsten | ASTM E 1916 |