



National Accreditation Board for  
Testing and Calibration Laboratories

**CERTIFICATE OF ACCREDITATION**

**SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH  
CENTRE**

has been assessed and accredited in accordance with the standard

**ISO/IEC 17025:2017**

**"General Requirements for the Competence of Testing &  
Calibration Laboratories"**

for its facilities at

83 & 84 AVARAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU, INDIA

in the field of

**TESTING**

Certificate Number: TC-5324

Issue Date: 31/03/2025

Valid Until: 30/03/2029

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website [www.nabl-india.org](http://www.nabl-india.org))

Name of Legal Entity: SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE

Signed for and on behalf of NABL



Anuja Anand  
Director

N. Venkateswaran  
Chief Executive Officer



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE, 83 & 84  
AVARAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU,  
INDIA

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

**Certificate Number** TC-5324

**Page No** 11 of 126

**Validity** 31/03/2025 to 30/03/2029

**Last Amended on** 11/06/2025

| 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 |
|------|----------------------------------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 171  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Sunflower Oil                                                                                    | Moisture                                                                                                   | IS 548(Part-1/Sec 2)                                                                                 |
| 172  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Sunflower Oil                                                                                    | Rancidity                                                                                                  | FSSAI 02.043                                                                                         |
| 173  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Sunflower Oil                                                                                    | Refractive Index at 40 Deg C                                                                               | IS 548(Part-1/Sec 2)                                                                                 |
| 174  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Sunflower Oil                                                                                    | Saponification Value                                                                                       | IS 548(Part-1/Sec 2)                                                                                 |
| 175  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Sunflower Oil                                                                                    | Unsaponifiable Matter                                                                                      | IS 548(Part-1/Sec 2)                                                                                 |
| 176  | CHEMICAL- METALS & ALLOYS              | Carbon Steel & Low Alloy Steels                                                                  | Carbon                                                                                                     | OES & IS 8811                                                                                        |
| 177  | CHEMICAL- METALS & ALLOYS              | Carbon Steel & Low Alloy Steels                                                                  | Chromium                                                                                                   | OES & IS 8811                                                                                        |
| 178  | CHEMICAL- METALS & ALLOYS              | Carbon Steel & Low Alloy Steels                                                                  | Cobalt                                                                                                     | OES & IS 8811                                                                                        |
| 179  | CHEMICAL- METALS & ALLOYS              | Carbon Steel & Low Alloy Steels                                                                  | Copper                                                                                                     | OES & IS 8811                                                                                        |
| 180  | CHEMICAL- METALS & ALLOYS              | Carbon Steel & Low Alloy Steels                                                                  | Manganese                                                                                                  | OES & IS 8811                                                                                        |
| 181  | CHEMICAL- METALS & ALLOYS              | Carbon Steel & Low Alloy Steels                                                                  | Molybdenum                                                                                                 | OES & IS 8811                                                                                        |
| 182  | CHEMICAL- METALS & ALLOYS              | Carbon Steel & Low Alloy Steels                                                                  | Nickel                                                                                                     | OES & IS 8811                                                                                        |
| 183  | CHEMICAL- METALS & ALLOYS              | Carbon Steel & Low Alloy Steels                                                                  | Phosphorous                                                                                                | OES & IS 8811                                                                                        |
| 184  | CHEMICAL- METALS & ALLOYS              | Carbon Steel & Low Alloy Steels                                                                  | Silicon                                                                                                    | OES & IS 8811                                                                                        |
| 185  | CHEMICAL- METALS & ALLOYS              | Carbon Steel & Low Alloy Steels                                                                  | Sulphur                                                                                                    | OES & IS 8811                                                                                        |
| 186  | CHEMICAL- METALS & ALLOYS              | Carbon Steel & Low Alloy Steels                                                                  | Titanium                                                                                                   | OES & IS 8811                                                                                        |
| 187  | CHEMICAL- METALS & ALLOYS              | Cast Aluminium and its alloys-Ingots and Castings for general engineering purposes (IS 617:2024) | Aluminium                                                                                                  | OES & ASTM E 1251                                                                                    |
| 188  | CHEMICAL- METALS & ALLOYS              | Cast Aluminium and its alloys-Ingots and Castings for general engineering purposes (IS 617:2024) | Chromium                                                                                                   | OES & ASTM E 1251                                                                                    |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE, 83 & 84  
AVARAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU,  
INDIA

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

**Certificate Number** TC-5324

**Page No** 12 of 126

**Validity** 31/03/2025 to 30/03/2029

**Last Amended on** 11/06/2025

| 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 |
|------|---------------------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 189  | CHEMICAL- METALS & ALLOYS | Cast Aluminium and its alloys-Ingots and Castings for general engineering purposes (IS 617:2024) | Copper                                                                                                     | OES & ASTM E 1251                                                                                    |
| 190  | CHEMICAL- METALS & ALLOYS | Cast Aluminium and its alloys-Ingots and Castings for general engineering purposes (IS 617:2024) | Iron                                                                                                       | OES & ASTM E 1251                                                                                    |
| 191  | CHEMICAL- METALS & ALLOYS | Cast Aluminium and its alloys-Ingots and Castings for general engineering purposes (IS 617:2024) | Lead                                                                                                       | OES & ASTM E 1251                                                                                    |
| 192  | CHEMICAL- METALS & ALLOYS | Cast Aluminium and its alloys-Ingots and Castings for general engineering purposes (IS 617:2024) | Magnesium                                                                                                  | OES & ASTM E 1251                                                                                    |
| 193  | CHEMICAL- METALS & ALLOYS | Cast Aluminium and its alloys-Ingots and Castings for general engineering purposes (IS 617:2024) | Manganese                                                                                                  | OES & ASTM E 1251                                                                                    |
| 194  | CHEMICAL- METALS & ALLOYS | Cast Aluminium and its alloys-Ingots and Castings for general engineering purposes (IS 617:2024) | Nickel                                                                                                     | OES & ASTM E 1251                                                                                    |
| 195  | CHEMICAL- METALS & ALLOYS | Cast Aluminium and its alloys-Ingots and Castings for general engineering purposes (IS 617:2024) | Silicon                                                                                                    | OES & ASTM E 1251                                                                                    |
| 196  | CHEMICAL- METALS & ALLOYS | Cast Aluminium and its alloys-Ingots and Castings for general engineering purposes (IS 617:2024) | Tin                                                                                                        | OES & ASTM E 1251                                                                                    |
| 197  | CHEMICAL- METALS & ALLOYS | Cast Aluminium and its alloys-Ingots and Castings for general engineering purposes (IS 617:2024) | Titanium                                                                                                   | OES & ASTM E 1251                                                                                    |
| 198  | CHEMICAL- METALS & ALLOYS | Cast Aluminium and its alloys-Ingots and Castings for general engineering purposes (IS 617:2024) | Zinc                                                                                                       | OES & ASTM E 1251                                                                                    |
| 199  | CHEMICAL- METALS & ALLOYS | Cast Iron                                                                                        | Carbon                                                                                                     | IS 12308(Part 11)                                                                                    |
| 200  | CHEMICAL- METALS & ALLOYS | Cast Iron                                                                                        | Carbon                                                                                                     | OES & IS 15338                                                                                       |
| 201  | CHEMICAL- METALS & ALLOYS | Cast Iron                                                                                        | Chromium                                                                                                   | OES & IS 15338                                                                                       |
| 202  | CHEMICAL- METALS & ALLOYS | Cast Iron                                                                                        | Copper                                                                                                     | IS 12308 (Part 12)                                                                                   |
| 203  | CHEMICAL- METALS & ALLOYS | Cast Iron                                                                                        | Copper                                                                                                     | OES & IS 15338                                                                                       |
| 204  | CHEMICAL- METALS & ALLOYS | Cast Iron                                                                                        | Magnesium                                                                                                  | IS 12308 (Part 13)                                                                                   |
| 205  | CHEMICAL- METALS & ALLOYS | Cast Iron                                                                                        | Manganese                                                                                                  | IS 12308 (Part 10)                                                                                   |
| 206  | CHEMICAL- METALS & ALLOYS | Cast Iron                                                                                        | Manganese                                                                                                  | OES & IS 15338                                                                                       |
| 207  | CHEMICAL- METALS & ALLOYS | Cast Iron                                                                                        | Molybdenum                                                                                                 | OES & IS 15338                                                                                       |
| 208  | CHEMICAL- METALS & ALLOYS | Cast Iron                                                                                        | Nickel                                                                                                     | IS 12308 (Part 7)                                                                                    |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE, 83 & 84  
AVARAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU,  
INDIA

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

**Certificate Number** TC-5324

**Page No** 13 of 126

**Validity** 31/03/2025 to 30/03/2029

**Last Amended on** 11/06/2025

| 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 |
|------|---------------------------|--------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 209  | CHEMICAL- METALS & ALLOYS | Cast Iron                                                          | Nickel                                                                                                     | OES & IS 15338                                                                                       |
| 210  | CHEMICAL- METALS & ALLOYS | Cast Iron                                                          | Phosphorous                                                                                                | IS 12308 (Part 5)                                                                                    |
| 211  | CHEMICAL- METALS & ALLOYS | Cast Iron                                                          | Phosphorous                                                                                                | OES & IS 15338                                                                                       |
| 212  | CHEMICAL- METALS & ALLOYS | Cast Iron                                                          | Silicon                                                                                                    | IS 12308 (Part 6)                                                                                    |
| 213  | CHEMICAL- METALS & ALLOYS | Cast Iron                                                          | Silicon                                                                                                    | OES & IS 15338                                                                                       |
| 214  | CHEMICAL- METALS & ALLOYS | Cast Iron                                                          | Sulphur                                                                                                    | IS 12308 (Part 2)                                                                                    |
| 215  | CHEMICAL- METALS & ALLOYS | Cast Iron                                                          | Sulphur                                                                                                    | OES & IS 15338                                                                                       |
| 216  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils ( IS 15960:2013) | Aluminium                                                                                                  | OES & ASTM E 1251                                                                                    |
| 217  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013)  | Silicon                                                                                                    | IS 9879                                                                                              |
| 218  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013)  | Chromium                                                                                                   | OES & ASTM E 1251                                                                                    |
| 219  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013)  | Copper                                                                                                     | OES & ASTM E 1251                                                                                    |
| 220  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013)  | Iron                                                                                                       | OES & ASTM E 1251                                                                                    |
| 221  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013)  | Lead                                                                                                       | OES & ASTM E 1251                                                                                    |
| 222  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013)  | Magnesium                                                                                                  | OES & ASTM E 1251                                                                                    |
| 223  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013)  | Manganese                                                                                                  | OES & ASTM E 1251                                                                                    |
| 224  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013)  | Nickel                                                                                                     | OES & ASTM E 1251                                                                                    |
| 225  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013)  | Silicon                                                                                                    | OES & ASTM E 1251                                                                                    |
| 226  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013)  | Tin                                                                                                        | OES & ASTM E 1251                                                                                    |
| 227  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013)  | Titanium                                                                                                   | OES & ASTM E 1251                                                                                    |
| 228  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013)  | Zinc                                                                                                       | OES & ASTM E 1251                                                                                    |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE, 83 & 84  
AVARAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU,  
INDIA

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

**Certificate Number** TC-5324

**Page No** 14 of 126

**Validity** 31/03/2025 to 30/03/2029

**Last Amended on** 11/06/2025

| 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 |
|------|---------------------------|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 229  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013) | Antimony                                                                                                   | OES & BS EN 15079                                                                                    |
| 230  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013) | Arsenic                                                                                                    | OES & BS EN 15079                                                                                    |
| 231  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013) | Bismuth                                                                                                    | OES & BS EN 15079                                                                                    |
| 232  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013) | Carbon                                                                                                     | IS 228 (Part 1)                                                                                      |
| 233  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013) | Carbon                                                                                                     | IS 9879                                                                                              |
| 234  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013) | Chromium                                                                                                   | IS 228 (Part 6)                                                                                      |
| 235  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013) | Chromium                                                                                                   | IS 9879                                                                                              |
| 236  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013) | Copper                                                                                                     | IS 9879                                                                                              |
| 237  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013) | Iron                                                                                                       | OES & BS EN 15079                                                                                    |
| 238  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013) | Lead                                                                                                       | OES & BS EN 15079                                                                                    |
| 239  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013) | Manganese                                                                                                  | IS 228 (Part 2)                                                                                      |
| 240  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013) | Manganese                                                                                                  | IS 9879                                                                                              |
| 241  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013) | Molybdenum                                                                                                 | IS 9879                                                                                              |
| 242  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013) | Nickel                                                                                                     | IS 228 (Part 5)                                                                                      |
| 243  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013) | Nickel                                                                                                     | IS 9879                                                                                              |
| 244  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013) | Nickel                                                                                                     | OES & BS EN 15079                                                                                    |
| 245  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013) | Phosphorous                                                                                                | IS 228 (Part 3)                                                                                      |
| 246  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013) | Phosphorous                                                                                                | IS 9879                                                                                              |
| 247  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013) | Phosphorous                                                                                                | OES & BS EN 15079                                                                                    |
| 248  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013) | Silicon                                                                                                    | IS 228 (Part 8)                                                                                      |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE, 83 & 84  
AVARAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU,  
INDIA

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

**Certificate Number** TC-5324

**Page No** 15 of 126

**Validity** 31/03/2025 to 30/03/2029

**Last Amended on** 11/06/2025

| 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 |
|------|---------------------------|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 249  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013) | Silver                                                                                                     | OES & BS EN 15079                                                                                    |
| 250  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013) | Sulphur                                                                                                    | IS 228 (Part 9)                                                                                      |
| 251  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013) | Sulphur                                                                                                    | IS 9879                                                                                              |
| 252  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013) | Sulphur                                                                                                    | OES & BS EN 15079                                                                                    |
| 253  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013) | Tin                                                                                                        | OES & BS EN 15079                                                                                    |
| 254  | CHEMICAL- METALS & ALLOYS | Composite Bottom stainless steel cooking utensils (IS 15960:2013) | Zinc                                                                                                       | OES & BS EN 15079                                                                                    |
| 255  | CHEMICAL- METALS & ALLOYS | CONCRETE NAILS (IS 18741:2024)                                    | Manganese                                                                                                  | OES & IS 8811                                                                                        |
| 256  | CHEMICAL- METALS & ALLOYS | CONCRETE NAILS (IS 18741:2024)                                    | Carbon                                                                                                     | OES & IS 8811                                                                                        |
| 257  | CHEMICAL- METALS & ALLOYS | CONCRETE NAILS (IS 18741:2024)                                    | Carbon                                                                                                     | IS 228 (Part 1)                                                                                      |
| 258  | CHEMICAL- METALS & ALLOYS | CONCRETE NAILS (IS 18741:2024)                                    | Chromium                                                                                                   | IS 228 (Part 6)                                                                                      |
| 259  | CHEMICAL- METALS & ALLOYS | CONCRETE NAILS (IS 18741:2024)                                    | Chromium                                                                                                   | OES & IS 8811                                                                                        |
| 260  | CHEMICAL- METALS & ALLOYS | CONCRETE NAILS (IS 18741:2024)                                    | Copper                                                                                                     | OES & IS 8811                                                                                        |
| 261  | CHEMICAL- METALS & ALLOYS | CONCRETE NAILS (IS 18741:2024)                                    | Manganese                                                                                                  | IS 228 (Part 2)                                                                                      |
| 262  | CHEMICAL- METALS & ALLOYS | CONCRETE NAILS (IS 18741:2024)                                    | Molybdenum                                                                                                 | OES & IS 8811                                                                                        |
| 263  | CHEMICAL- METALS & ALLOYS | CONCRETE NAILS (IS 18741:2024)                                    | Nickel                                                                                                     | IS 228 (Part 5)                                                                                      |
| 264  | CHEMICAL- METALS & ALLOYS | CONCRETE NAILS (IS 18741:2024)                                    | Nickel                                                                                                     | OES & IS 8811                                                                                        |
| 265  | CHEMICAL- METALS & ALLOYS | CONCRETE NAILS (IS 18741:2024)                                    | Phosphorous                                                                                                | IS 228 (Part 3)                                                                                      |
| 266  | CHEMICAL- METALS & ALLOYS | CONCRETE NAILS (IS 18741:2024)                                    | Phosphorous                                                                                                | OES & IS 8811                                                                                        |
| 267  | CHEMICAL- METALS & ALLOYS | CONCRETE NAILS (IS 18741:2024)                                    | Silicon                                                                                                    | IS 228 (Part 8)                                                                                      |
| 268  | CHEMICAL- METALS & ALLOYS | CONCRETE NAILS (IS 18741:2024)                                    | Silicon                                                                                                    | OES & IS 8811                                                                                        |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE, 83 & 84  
AVARAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU,  
INDIA

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

**Certificate Number** TC-5324

**Page No** 16 of 126

**Validity** 31/03/2025 to 30/03/2029

**Last Amended on** 11/06/2025

| 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 |
|------|---------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 269  | CHEMICAL- METALS & ALLOYS | CONCRETE NAILS (IS 18741:2024)                                                                     | Sulphur                                                                                                    | IS 228 (Part 9)                                                                                      |
| 270  | CHEMICAL- METALS & ALLOYS | CONCRETE NAILS (IS 18741:2024)                                                                     | Sulphur                                                                                                    | OES & IS 8811                                                                                        |
| 271  | CHEMICAL- METALS & ALLOYS | Copper                                                                                             | Copper                                                                                                     | IS 7212                                                                                              |
| 272  | CHEMICAL- METALS & ALLOYS | Copper & its alloys                                                                                | Copper                                                                                                     | Clause 4 of IS 440                                                                                   |
| 273  | CHEMICAL- METALS & ALLOYS | Copper & its alloys                                                                                | Copper                                                                                                     | IS 4027(Part 1)                                                                                      |
| 274  | CHEMICAL- METALS & ALLOYS | Copper & its alloys                                                                                | Iron                                                                                                       | IS 4027(Part 8)                                                                                      |
| 275  | CHEMICAL- METALS & ALLOYS | Copper & its alloys                                                                                | Lead                                                                                                       | IS 4027(Part 1)                                                                                      |
| 276  | CHEMICAL- METALS & ALLOYS | Copper & its alloys                                                                                | Nickel                                                                                                     | Clause 10 of IS 440                                                                                  |
| 277  | CHEMICAL- METALS & ALLOYS | Covered electrodes for manual metal ARC welding of carbon and carbon manganese steel (IS 814:2004) | Chromium                                                                                                   | OES & IS 8811                                                                                        |
| 278  | CHEMICAL- METALS & ALLOYS | Covered electrodes for manual metal ARC welding of carbon and carbon manganese steel (IS 814:2004) | Manganese                                                                                                  | OES & IS 8811                                                                                        |
| 279  | CHEMICAL- METALS & ALLOYS | Covered electrodes for manual metal ARC welding of carbon and carbon manganese steel (IS 814:2004) | Molybdenum                                                                                                 | OES & IS 8811                                                                                        |
| 280  | CHEMICAL- METALS & ALLOYS | Covered electrodes for manual metal ARC welding of carbon and carbon manganese steel (IS 814:2004) | Nickel                                                                                                     | OES & IS 8811                                                                                        |
| 281  | CHEMICAL- METALS & ALLOYS | Covered electrodes for manual metal ARC welding of carbon and carbon manganese steel (IS 814:2004) | Phosphorous                                                                                                | OES & IS 8811                                                                                        |
| 282  | CHEMICAL- METALS & ALLOYS | Covered electrodes for manual metal ARC welding of carbon and carbon manganese steel (IS 814:2004) | Silicon                                                                                                    | OES & IS 8811                                                                                        |
| 283  | CHEMICAL- METALS & ALLOYS | Covered electrodes for manual metal ARC welding of carbon and carbon manganese steel (IS 814:2004) | Sulphur                                                                                                    | OES & IS 8811                                                                                        |
| 284  | CHEMICAL- METALS & ALLOYS | Covered electrodes for manual metal ARC welding of carbon and carbon manganese steel (IS 814:2004) | Vanadium                                                                                                   | OES & IS 8811                                                                                        |
| 285  | CHEMICAL- METALS & ALLOYS | Covered electrodes for manual metals ARC welding of carbon manganese steel (IS 814 : 2004)         | Carbon                                                                                                     | OES & IS 8811                                                                                        |
| 286  | CHEMICAL- METALS & ALLOYS | Ferro Silicon                                                                                      | Silicon                                                                                                    | IS 1559 (Part 1)                                                                                     |
| 287  | CHEMICAL- METALS & ALLOYS | Ferrules for water services (IS 2692:1989)                                                         | Aluminium                                                                                                  | OES & BS EN 15079                                                                                    |
| 288  | CHEMICAL- METALS & ALLOYS | Ferrules for water services (IS 2692:1989)                                                         | Iron                                                                                                       | OES & BS EN 15079                                                                                    |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE, 83 & 84  
AVARAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU,  
INDIA

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

**Certificate Number** TC-5324

**Page No** 17 of 126

**Validity** 31/03/2025 to 30/03/2029

**Last Amended on** 11/06/2025

| 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 |
|------|---------------------------|--------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 289  | CHEMICAL- METALS & ALLOYS | Ferrules for water services (IS 2692:1989) | Nickel                                                                                                     | OES & BS EN 15079                                                                                    |
| 290  | CHEMICAL- METALS & ALLOYS | Ferrules for water services (IS 2692:1989) | Silicon                                                                                                    | OES & BS EN 15079                                                                                    |
| 291  | CHEMICAL- METALS & ALLOYS | Ferrules for water services (IS 2692:1989) | Zinc                                                                                                       | OES & BS EN 15079                                                                                    |
| 292  | CHEMICAL- METALS & ALLOYS | Ferrules for water services (IS 2692:1989) | Chromium                                                                                                   | OES & BS EN 15079                                                                                    |
| 293  | CHEMICAL- METALS & ALLOYS | Ferrules for water services (IS 2692:1989) | Lead                                                                                                       | OES & BS EN 15079                                                                                    |
| 294  | CHEMICAL- METALS & ALLOYS | Ferrules for water services (IS 2692:1989) | Manganese                                                                                                  | OES & BS EN 15079                                                                                    |
| 295  | CHEMICAL- METALS & ALLOYS | Ferrules for water services (IS 2692:1989) | Tin                                                                                                        | OES & BS EN 15079                                                                                    |
| 296  | CHEMICAL- METALS & ALLOYS | Grey Iron Castings ( IS 210:2009)          | Carbon                                                                                                     | IS 12308 (Part 11)                                                                                   |
| 297  | CHEMICAL- METALS & ALLOYS | Grey Iron Castings (IS 210:2009)           | Manganese                                                                                                  | IS 12308 (Part 10)                                                                                   |
| 298  | CHEMICAL- METALS & ALLOYS | Grey Iron Castings (IS 210:2009)           | Nickel                                                                                                     | IS 12308 (Part 7)                                                                                    |
| 299  | CHEMICAL- METALS & ALLOYS | Grey Iron Castings (IS 210:2009)           | Phosphorous                                                                                                | IS 12308 (Part 5)                                                                                    |
| 300  | CHEMICAL- METALS & ALLOYS | Grey Iron Castings (IS 210:2009)           | Silicon                                                                                                    | IS 12308 (Part 6)                                                                                    |
| 301  | CHEMICAL- METALS & ALLOYS | Grey Iron Castings (IS 210:2009)           | Sulphur                                                                                                    | IS 12308 (Part 2)                                                                                    |
| 302  | CHEMICAL- METALS & ALLOYS | Grey Iron Castings (IS 210:2009)           | Carbon                                                                                                     | OES & IS 15338                                                                                       |
| 303  | CHEMICAL- METALS & ALLOYS | Grey Iron Castings (IS 210:2009)           | Chromium                                                                                                   | OES & IS 15338                                                                                       |
| 304  | CHEMICAL- METALS & ALLOYS | Grey Iron Castings (IS 210:2009)           | Copper                                                                                                     | OES & IS 15338                                                                                       |
| 305  | CHEMICAL- METALS & ALLOYS | Grey Iron Castings (IS 210:2009)           | Molybdenum                                                                                                 | OES & IS 15338                                                                                       |
| 306  | CHEMICAL- METALS & ALLOYS | Grey Iron Castings (IS 210:2009)           | Nickel                                                                                                     | OES & IS 15338                                                                                       |
| 307  | CHEMICAL- METALS & ALLOYS | Grey Iron Castings (IS 210:2009)           | Silicon                                                                                                    | OES & IS 15338                                                                                       |
| 308  | CHEMICAL- METALS & ALLOYS | Grey Iron Castings (IS 210:2009)           | Copper                                                                                                     | IS 12308 (Part 12)                                                                                   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE, 83 & 84  
AVARAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU,  
INDIA

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

**Certificate Number** TC-5324

**Page No** 18 of 126

**Validity** 31/03/2025 to 30/03/2029

**Last Amended on** 11/06/2025

| 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 |
|------|---------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 309  | CHEMICAL- METALS & ALLOYS | Grey Iron Castings (IS 210:2009)                                                      | Manganese                                                                                                  | OES & IS 15338                                                                                       |
| 310  | CHEMICAL- METALS & ALLOYS | Grey Iron Castings (IS 210:2009)                                                      | Phosphorous                                                                                                | OES & IS 15338                                                                                       |
| 311  | CHEMICAL- METALS & ALLOYS | Grey Iron Castings (IS 210:2009)                                                      | Sulphur                                                                                                    | OES & IS 15338                                                                                       |
| 312  | CHEMICAL- METALS & ALLOYS | High strength deformed steel bars and wires for concrete reinforcement (IS 1786:2008) | Sulphur                                                                                                    | OES & IS 8811                                                                                        |
| 313  | CHEMICAL- METALS & ALLOYS | High strength deformed steel bars and wires for concrete reinforcement (IS 1786:2008) | Carbon                                                                                                     | OES & IS 8811                                                                                        |
| 314  | CHEMICAL- METALS & ALLOYS | High strength deformed steel bars and wires for concrete reinforcement (IS 1786:2008) | Chromium                                                                                                   | OES & IS 8811                                                                                        |
| 315  | CHEMICAL- METALS & ALLOYS | High strength deformed steel bars and wires for concrete reinforcement (IS 1786:2008) | Copper                                                                                                     | OES & IS 8811                                                                                        |
| 316  | CHEMICAL- METALS & ALLOYS | High strength deformed steel bars and wires for concrete reinforcement (IS 1786:2008) | Nickel                                                                                                     | OES & IS 8811                                                                                        |
| 317  | CHEMICAL- METALS & ALLOYS | High strength deformed steel bars and wires for concrete reinforcement (IS 1786:2008) | Manganese                                                                                                  | OES & IS 8811                                                                                        |
| 318  | CHEMICAL- METALS & ALLOYS | High strength deformed steel bars and wires for concrete reinforcement (IS 1786:2008) | Molybdenum                                                                                                 | OES & IS 8811                                                                                        |
| 319  | CHEMICAL- METALS & ALLOYS | High strength deformed steel bars and wires for concrete reinforcement (IS 1786:2008) | Phosphorous                                                                                                | OES & IS 8811                                                                                        |
| 320  | CHEMICAL- METALS & ALLOYS | High strength deformed steel bars and wires for concrete reinforcement (IS 1786:2008) | Vanadium                                                                                                   | OES & IS 8811                                                                                        |
| 321  | CHEMICAL- METALS & ALLOYS | Hot rolled medium and high tensile structural steel (IS 2062:2011)                    | Carbon                                                                                                     | OES & IS 8811                                                                                        |
| 322  | CHEMICAL- METALS & ALLOYS | Hot rolled medium and high tensile structural steel (IS 2062:2011)                    | Phosphorous                                                                                                | OES & IS 8811                                                                                        |
| 323  | CHEMICAL- METALS & ALLOYS | Hot rolled medium and high tensile structural steel (IS 2062:2011)                    | Manganese                                                                                                  | OES & IS 8811                                                                                        |
| 324  | CHEMICAL- METALS & ALLOYS | Hot rolled medium and high tensile structural steel (IS 2062:2011)                    | Silicon                                                                                                    | OES & IS 8811                                                                                        |
| 325  | CHEMICAL- METALS & ALLOYS | Hot rolled medium and high tensile structural steel (IS 2062:2011)                    | Sulphur                                                                                                    | OES & IS 8811                                                                                        |
| 326  | CHEMICAL- METALS & ALLOYS | Hot rolled medium and high tensile structural steel (IS 2062:2011)                    | Titanium                                                                                                   | OES & IS 8811                                                                                        |
| 327  | CHEMICAL- METALS & ALLOYS | Hot rolled medium and high tensile structural steel (IS 2062:2011)                    | Vanadium                                                                                                   | OES & IS 8811                                                                                        |
| 328  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981)                             | Copper                                                                                                     | IS 9879                                                                                              |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE, 83 & 84  
AVARAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU,  
INDIA

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

**Certificate Number** TC-5324

**Page No** 19 of 126

**Validity** 31/03/2025 to 30/03/2029

**Last Amended on** 11/06/2025

| 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 |
|------|---------------------------|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 329  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Manganese                                                                                                  | IS 9879                                                                                              |
| 330  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Molybdenum                                                                                                 | IS 9879                                                                                              |
| 331  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Aluminium                                                                                                  | OES & BS EN 15079                                                                                    |
| 332  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Carbon                                                                                                     | IS 12308(Part 11)                                                                                    |
| 333  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Carbon                                                                                                     | IS 9879                                                                                              |
| 334  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Carbon                                                                                                     | OES & IS 15338                                                                                       |
| 335  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Chromium                                                                                                   | IS 9879                                                                                              |
| 336  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Chromium                                                                                                   | OES & BS EN 15079                                                                                    |
| 337  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Chromium                                                                                                   | OES & IS 15338                                                                                       |
| 338  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Copper                                                                                                     | IS 12308(Part 12)                                                                                    |
| 339  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Copper                                                                                                     | OES & IS 15338                                                                                       |
| 340  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Iron                                                                                                       | OES & BS EN 15079                                                                                    |
| 341  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Lead                                                                                                       | OES & BS EN 15079                                                                                    |
| 342  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Magnesium                                                                                                  | IS 12308(Part 13)                                                                                    |
| 343  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Manganese                                                                                                  | IS 12308(Part 10)                                                                                    |
| 344  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Manganese                                                                                                  | OES & BS EN 15079                                                                                    |
| 345  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Manganese                                                                                                  | OES & IS 15338                                                                                       |
| 346  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Molybdenum                                                                                                 | OES & IS 15338                                                                                       |
| 347  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Nickel                                                                                                     | IS 12308(Part 7)                                                                                     |
| 348  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Nickel                                                                                                     | IS 9879                                                                                              |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE, 83 & 84  
AVARAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU,  
INDIA

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

**Certificate Number** TC-5324

**Page No** 20 of 126

**Validity** 31/03/2025 to 30/03/2029

**Last Amended on** 11/06/2025

| 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 |
|------|---------------------------|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 349  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Nickel                                                                                                     | OES & BS EN 15079                                                                                    |
| 350  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Nickel                                                                                                     | OES & IS 15338                                                                                       |
| 351  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Phosphorus                                                                                                 | IS 12308(Part 5)                                                                                     |
| 352  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Phosphorus                                                                                                 | IS 9879                                                                                              |
| 353  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Phosphorus                                                                                                 | OES & IS 15338                                                                                       |
| 354  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Silicon                                                                                                    | IS 12308(Part 6)                                                                                     |
| 355  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Silicon                                                                                                    | IS 9879                                                                                              |
| 356  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Silicon                                                                                                    | OES & BS EN 15079                                                                                    |
| 357  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Silicon                                                                                                    | OES & IS 15338                                                                                       |
| 358  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Sulphur                                                                                                    | IS 12308(Part 2)                                                                                     |
| 359  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Sulphur                                                                                                    | IS 9879                                                                                              |
| 360  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Sulphur                                                                                                    | OES & IS 15338                                                                                       |
| 361  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Tin                                                                                                        | OES & BS EN 15079                                                                                    |
| 362  | CHEMICAL- METALS & ALLOYS | Specification for water meters (bulk type) (IS 2373:1981) | Zinc                                                                                                       | OES & BS EN 15079                                                                                    |
| 363  | CHEMICAL- METALS & ALLOYS | Stainless Steel                                           | Carbon                                                                                                     | IS 9879                                                                                              |
| 364  | CHEMICAL- METALS & ALLOYS | Stainless Steel                                           | Chromium                                                                                                   | IS 9879                                                                                              |
| 365  | CHEMICAL- METALS & ALLOYS | Stainless Steel                                           | Copper                                                                                                     | IS 9879                                                                                              |
| 366  | CHEMICAL- METALS & ALLOYS | Stainless Steel                                           | Manganese                                                                                                  | IS 9879                                                                                              |
| 367  | CHEMICAL- METALS & ALLOYS | Stainless Steel                                           | Molybdenum                                                                                                 | IS 9879                                                                                              |
| 368  | CHEMICAL- METALS & ALLOYS | Stainless Steel                                           | Nickel                                                                                                     | IS 9879                                                                                              |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE, 83 & 84  
AVARAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU,  
INDIA

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

**Certificate Number** TC-5324

**Page No** 21 of 126

**Validity** 31/03/2025 to 30/03/2029

**Last Amended on** 11/06/2025

| 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 |
|------|---------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 369  | CHEMICAL- METALS & ALLOYS | Stainless Steel                           | Phosphorous                                                                                                | IS 9879                                                                                              |
| 370  | CHEMICAL- METALS & ALLOYS | Stainless Steel                           | Silicon                                                                                                    | IS 9879                                                                                              |
| 371  | CHEMICAL- METALS & ALLOYS | Stainless Steel                           | Sulphur                                                                                                    | IS 9879                                                                                              |
| 372  | CHEMICAL- METALS & ALLOYS | Stainless steel utensils ( IS 14756:2022) | Chromium                                                                                                   | OES & ASTM E 1251                                                                                    |
| 373  | CHEMICAL- METALS & ALLOYS | Stainless steel utensils (IS 14756:2022)  | Aluminium                                                                                                  | OES & ASTM E 1251                                                                                    |
| 374  | CHEMICAL- METALS & ALLOYS | Stainless steel utensils (IS 14756:2022)  | Copper                                                                                                     | IS 9879                                                                                              |
| 375  | CHEMICAL- METALS & ALLOYS | Stainless steel utensils (IS 14756:2022)  | Molybdenum                                                                                                 | IS 9879                                                                                              |
| 376  | CHEMICAL- METALS & ALLOYS | Stainless steel utensils (IS 14756:2022)  | Carbon                                                                                                     | IS 9879                                                                                              |
| 377  | CHEMICAL- METALS & ALLOYS | Stainless steel utensils (IS 14756:2022)  | Phosphorous                                                                                                | IS 9879                                                                                              |
| 378  | CHEMICAL- METALS & ALLOYS | Stainless steel utensils (IS 14756:2022)  | Silicon                                                                                                    | IS 9879                                                                                              |
| 379  | CHEMICAL- METALS & ALLOYS | Stainless steel utensils (IS 14756:2022)  | Nickel                                                                                                     | IS 9879                                                                                              |
| 380  | CHEMICAL- METALS & ALLOYS | Stainless steel utensils (IS 14756:2022)  | Carbon                                                                                                     | IS 228 (Part 1)                                                                                      |
| 381  | CHEMICAL- METALS & ALLOYS | Stainless steel utensils (IS 14756:2022)  | Chromium                                                                                                   | IS 228 (Part 6)                                                                                      |
| 382  | CHEMICAL- METALS & ALLOYS | Stainless steel utensils (IS 14756:2022)  | Chromium                                                                                                   | IS 9879                                                                                              |
| 383  | CHEMICAL- METALS & ALLOYS | Stainless steel utensils (IS 14756:2022)  | Copper                                                                                                     | OES & ASTM E 1251                                                                                    |
| 384  | CHEMICAL- METALS & ALLOYS | Stainless steel utensils (IS 14756:2022)  | Iron                                                                                                       | OES & ASTM E 1251                                                                                    |
| 385  | CHEMICAL- METALS & ALLOYS | Stainless steel utensils (IS 14756:2022)  | Lead                                                                                                       | OES & ASTM E 1251                                                                                    |
| 386  | CHEMICAL- METALS & ALLOYS | Stainless steel utensils (IS 14756:2022)  | Magnesium                                                                                                  | OES & ASTM E 1251                                                                                    |
| 387  | CHEMICAL- METALS & ALLOYS | Stainless steel utensils (IS 14756:2022)  | Manganese                                                                                                  | IS 228 (Part 2)                                                                                      |
| 388  | CHEMICAL- METALS & ALLOYS | Stainless steel utensils (IS 14756:2022)  | Manganese                                                                                                  | IS 9879                                                                                              |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE, 83 & 84  
AVARAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU,  
INDIA

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

**Certificate Number** TC-5324

**Page No** 22 of 126

**Validity** 31/03/2025 to 30/03/2029

**Last Amended on** 11/06/2025

| 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 |
|------|---------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 389  | CHEMICAL- METALS & ALLOYS | Stainless steel utensils (IS 14756:2022)                                                                       | Manganese                                                                                                  | OES & ASTM E 1251                                                                                    |
| 390  | CHEMICAL- METALS & ALLOYS | Stainless steel utensils (IS 14756:2022)                                                                       | Nickel                                                                                                     | IS 228 (Part 5)                                                                                      |
| 391  | CHEMICAL- METALS & ALLOYS | Stainless steel utensils (IS 14756:2022)                                                                       | Nickel                                                                                                     | OES & ASTM E 1251                                                                                    |
| 392  | CHEMICAL- METALS & ALLOYS | Stainless steel utensils (IS 14756:2022)                                                                       | Phosphorous                                                                                                | IS 228 (Part 3)                                                                                      |
| 393  | CHEMICAL- METALS & ALLOYS | Stainless steel utensils (IS 14756:2022)                                                                       | Silicon                                                                                                    | IS 228 (Part 8)                                                                                      |
| 394  | CHEMICAL- METALS & ALLOYS | Stainless steel utensils (IS 14756:2022)                                                                       | Silicon                                                                                                    | OES & ASTM E 1251                                                                                    |
| 395  | CHEMICAL- METALS & ALLOYS | Stainless steel utensils (IS 14756:2022)                                                                       | Sulphur                                                                                                    | IS 228 (Part 9)                                                                                      |
| 396  | CHEMICAL- METALS & ALLOYS | Stainless steel utensils (IS 14756:2022)                                                                       | Tin                                                                                                        | OES & ASTM E 1251                                                                                    |
| 397  | CHEMICAL- METALS & ALLOYS | Stainless steel utensils (IS 14756:2022)                                                                       | Titanium                                                                                                   | OES & ASTM E 1251                                                                                    |
| 398  | CHEMICAL- METALS & ALLOYS | Stainless steel utensils (IS 14756:2022)                                                                       | Zinc                                                                                                       | OES & ASTM E 1251                                                                                    |
| 399  | CHEMICAL- METALS & ALLOYS | Steel                                                                                                          | Carbon                                                                                                     | IS 228 (Part 1)                                                                                      |
| 400  | CHEMICAL- METALS & ALLOYS | Steel                                                                                                          | Chromium                                                                                                   | IS 228 (Part 6)                                                                                      |
| 401  | CHEMICAL- METALS & ALLOYS | Steel                                                                                                          | Manganese                                                                                                  | IS 228 (Part 2)                                                                                      |
| 402  | CHEMICAL- METALS & ALLOYS | Steel                                                                                                          | Nickel                                                                                                     | IS 228 (Part 5)                                                                                      |
| 403  | CHEMICAL- METALS & ALLOYS | Steel                                                                                                          | Silicon                                                                                                    | IS 228 (Part 8)                                                                                      |
| 404  | CHEMICAL- METALS & ALLOYS | Steel                                                                                                          | Sulphur                                                                                                    | IS 228 (Part 9)                                                                                      |
| 405  | CHEMICAL- METALS & ALLOYS | Steel plate for pressure vessel for intermediate and high temperature service including boilers (IS 2002:2024) | Carbon                                                                                                     | OES & IS 8811                                                                                        |
| 406  | CHEMICAL- METALS & ALLOYS | Steel plate for pressure vessel for intermediate and high temperature service including boilers (IS 2002:2024) | Manganese                                                                                                  | OES & IS 8811                                                                                        |
| 407  | CHEMICAL- METALS & ALLOYS | Steel plate for pressure vessel for intermediate and high temperature service including boilers (IS 2002:2024) | Phosphorous                                                                                                | OES & IS 8811                                                                                        |
| 408  | CHEMICAL- METALS & ALLOYS | Steel plate for pressure vessel for intermediate and high temperature service including boilers (IS 2002:2024) | Silicon                                                                                                    | OES & IS 8811                                                                                        |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE, 83 & 84  
AVARAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU,  
INDIA

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

**Certificate Number** TC-5324

**Page No** 23 of 126

**Validity** 31/03/2025 to 30/03/2029

**Last Amended on** 11/06/2025

| 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 |
|------|---------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 409  | CHEMICAL- METALS & ALLOYS | Steel plate for pressure vessel for intermediate and high temperature service including boilers (IS 2002:2024) | Sulphur                                                                                                    | OES & IS 8811                                                                                        |
| 410  | CHEMICAL- METALS & ALLOYS | Welding rods and bars electrodes for gas shielded ARC welding of structural steels (IS 6419:1996)              | Carbon                                                                                                     | IS 228 (Part 1)                                                                                      |
| 411  | CHEMICAL- METALS & ALLOYS | Welding rods and bars electrodes for gas shielded ARC welding of structural steels (IS 6419:1996)              | Chromium                                                                                                   | IS 228 (Part 6)                                                                                      |
| 412  | CHEMICAL- METALS & ALLOYS | Welding rods and bars electrodes for gas shielded ARC welding of structural steels (IS 6419:1996)              | Manganese                                                                                                  | IS 228 (Part 2)                                                                                      |
| 413  | CHEMICAL- METALS & ALLOYS | Welding rods and bars electrodes for gas shielded ARC welding of structural steels (IS 6419:1996)              | Nickel                                                                                                     | IS 228 (Part 5)                                                                                      |
| 414  | CHEMICAL- METALS & ALLOYS | Welding rods and bars electrodes for gas shielded ARC welding of structural steels (IS 6419:1996)              | Phosphorous                                                                                                | IS 228 (Part 3)                                                                                      |
| 415  | CHEMICAL- METALS & ALLOYS | Welding rods and bars electrodes for gas shielded ARC welding of structural steels (IS 6419:1996)              | Silicon                                                                                                    | IS 228 (Part 8)                                                                                      |
| 416  | CHEMICAL- METALS & ALLOYS | Welding rods and bars electrodes for gas shielded ARC welding of structural steels (IS 6419:1996)              | Sulphur                                                                                                    | IS 228 (Part 9)                                                                                      |
| 417  | CHEMICAL- METALS & ALLOYS | Wrought and cast Aluminium utensils (IS 1660:2024)                                                             | Chromium                                                                                                   | OES & ASTM E 1251                                                                                    |
| 418  | CHEMICAL- METALS & ALLOYS | Wrought and cast aluminium utensils (IS 1660:2024)                                                             | Copper                                                                                                     | OES & ASTM E 1251                                                                                    |
| 419  | CHEMICAL- METALS & ALLOYS | Wrought and cast aluminium utensils (IS 1660:2024)                                                             | Iron                                                                                                       | OES & ASTM E 1251                                                                                    |
| 420  | CHEMICAL- METALS & ALLOYS | Wrought and cast Aluminium utensils (IS 1660:2024)                                                             | Lead                                                                                                       | OES & ASTM E 1251                                                                                    |
| 421  | CHEMICAL- METALS & ALLOYS | Wrought and cast aluminium utensils (IS 1660:2024)                                                             | Magnesium                                                                                                  | OES & ASTM E 1251                                                                                    |
| 422  | CHEMICAL- METALS & ALLOYS | Wrought and cast aluminium utensils (IS 1660:2024)                                                             | Manganese                                                                                                  | OES & ASTM E 1251                                                                                    |
| 423  | CHEMICAL- METALS & ALLOYS | Wrought and cast aluminium utensils (IS 1660:2024)                                                             | Nickel                                                                                                     | OES & ASTM E 1251                                                                                    |
| 424  | CHEMICAL- METALS & ALLOYS | Wrought and cast aluminium utensils (IS 1660:2024)                                                             | Silicon                                                                                                    | OES & ASTM E 1251                                                                                    |
| 425  | CHEMICAL- METALS & ALLOYS | Wrought and cast aluminium utensils (IS 1660:2024)                                                             | Tin                                                                                                        | OES & ASTM E 1251                                                                                    |
| 426  | CHEMICAL- METALS & ALLOYS | Wrought and cast aluminium utensils (IS 1660:2024)                                                             | Titanium                                                                                                   | OES & ASTM E 1251                                                                                    |
| 427  | CHEMICAL- METALS & ALLOYS | Wrought and cast aluminium utensils (IS 1660:2024)                                                             | Zinc                                                                                                       | OES & ASTM E 1251                                                                                    |
| 428  | CHEMICAL- METALS & ALLOYS | Wrought and cast aluminium utensils (IS 1660:2024)                                                             | Carbon                                                                                                     | IS 9879                                                                                              |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SCIENTIFIC AND INDUSTRIAL TESTING AND RESEARCH CENTRE, 83 & 84  
AVARAMPALAYAM ROAD, K.R.PURAM POST, COIMBATORE, TAMIL NADU,  
INDIA

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

**Certificate Number** TC-5324

**Page No** 24 of 126

**Validity** 31/03/2025 to 30/03/2029

**Last Amended on** 11/06/2025

| 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 |
|------|-------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 429  | CHEMICAL- METALS & ALLOYS           | Wrought and cast aluminium utensils (IS 1660:2024)                                                  | Chromium                                                                                                   | IS 9879                                                                                              |
| 430  | CHEMICAL- METALS & ALLOYS           | Wrought and cast aluminium utensils (IS 1660:2024)                                                  | Copper                                                                                                     | IS 9879                                                                                              |
| 431  | CHEMICAL- METALS & ALLOYS           | Wrought and cast aluminium utensils (IS 1660:2024)                                                  | Manganese                                                                                                  | IS 9879                                                                                              |
| 432  | CHEMICAL- METALS & ALLOYS           | Wrought and cast aluminium utensils (IS 1660:2024)                                                  | Molybdenum                                                                                                 | IS 9879                                                                                              |
| 433  | CHEMICAL- METALS & ALLOYS           | Wrought and cast aluminium utensils (IS 1660:2024)                                                  | Nickel                                                                                                     | IS 9879                                                                                              |
| 434  | CHEMICAL- METALS & ALLOYS           | Wrought and cast aluminium utensils (IS 1660:2024)                                                  | Phosphorous                                                                                                | IS 9879                                                                                              |
| 435  | CHEMICAL- METALS & ALLOYS           | Wrought and cast aluminium utensils (IS 1660:2024)                                                  | Silicon                                                                                                    | IS 9879                                                                                              |
| 436  | CHEMICAL- METALS & ALLOYS           | Wrought and cast aluminium utensils (IS 1660:2024)                                                  | Sulphur                                                                                                    | IS 9879                                                                                              |
| 437  | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Black Tea                                                                                           | Copper                                                                                                     | IS 11123                                                                                             |
| 438  | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Black Tea                                                                                           | Dicofol                                                                                                    | AOAC Method 2007.01,19th edition                                                                     |
| 439  | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Black Tea                                                                                           | Ethion                                                                                                     | AOAC Method 2007.01,19th edition                                                                     |
| 440  | CHEMICAL- RESIDUES IN WATER         | Packaged Drinking Water                                                                             | Cyanide(as CN)                                                                                             | IS 3025(Part 27/Sec1) Method B.                                                                      |
| 441  | CHEMICAL- RESIDUES IN WATER         | Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water | Anthracene                                                                                                 | APHA 6440 ,24th Edition                                                                              |
| 442  | CHEMICAL- RESIDUES IN WATER         | Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water | Benzo (a) Pyrene                                                                                           | APHA 6440 ,24th Edition                                                                              |
| 443  | CHEMICAL- RESIDUES IN WATER         | Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water | Chrysene                                                                                                   | APHA 6440 ,24th Edition                                                                              |
| 444  | CHEMICAL- RESIDUES IN WATER         | Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water | Dibenze (a,h) Anthracene                                                                                   | APHA 6440 ,24th Edition                                                                              |
| 445  | CHEMICAL- RESIDUES IN WATER         | Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water | Fluoranthene                                                                                               | APHA 6440 ,24th Edition                                                                              |
| 446  | CHEMICAL- RESIDUES IN WATER         | Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water | Naphthalene                                                                                                | APHA 6440 ,24th Edition                                                                              |
| 447  | CHEMICAL- RESIDUES IN WATER         | Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water | Phenanthrene                                                                                               | APHA 6440 ,24th Edition                                                                              |
| 448  | CHEMICAL- RESIDUES IN WATER         | Packaged Drinking Water/Drinking Water/ Packaged Natural Mineral Water/Ground Water-Bore Well Water | Pyrene                                                                                                     | APHA 6440 ,24th Edition                                                                              |