



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SOHM ANALYTICAL SERVICES (I) PVT.LTD., B-39, GROUND FLOOR, PLOT NO. J7, J8 & J9,  
KOHINOOR COMPLEX, MIDC TALOJA, NAVI MUMBAI PANVEL, RAIGAD, MAHARASHTRA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-12946

**Page No**

1 of 26

**Validity**

17/01/2024 to 16/01/2026

**Last Amended on**

-

| S.No               | Discipline / Group        | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|--------------------|---------------------------|------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Permanent Facility |                           |                              |                                                                                                            |                                                                                                      |
| 1                  | CHEMICAL- METALS & ALLOYS | Aluminium & Aluminium Alloy  | Tin                                                                                                        | ASTM E1251                                                                                           |
| 2                  | CHEMICAL- METALS & ALLOYS | Aluminium & Aluminium Alloys | Bismuth                                                                                                    | ASTM E1251                                                                                           |
| 3                  | CHEMICAL- METALS & ALLOYS | Aluminium & Aluminium Alloys | Cobalt                                                                                                     | ASTM E1251                                                                                           |
| 4                  | CHEMICAL- METALS & ALLOYS | Aluminium & Aluminium Alloys | Iron                                                                                                       | ASTM E1251                                                                                           |
| 5                  | CHEMICAL- METALS & ALLOYS | Aluminium & Aluminium Alloys | Lead                                                                                                       | ASTM E1251                                                                                           |
| 6                  | CHEMICAL- METALS & ALLOYS | Aluminium & Aluminium Alloys | Nickel                                                                                                     | ASTM E1251                                                                                           |
| 7                  | CHEMICAL- METALS & ALLOYS | Aluminium & Aluminium Alloys | Silicon                                                                                                    | ASTM E1251                                                                                           |
| 8                  | CHEMICAL- METALS & ALLOYS | Aluminium & Aluminium Alloys | Titanium                                                                                                   | ASTM E1251                                                                                           |
| 9                  | CHEMICAL- METALS & ALLOYS | Aluminium & Aluminium Alloys | Zinc                                                                                                       | ASTM E1251                                                                                           |
| 10                 | CHEMICAL- METALS & ALLOYS | Aluminium&Aluminium Alloy    | Copper                                                                                                     | ASTM E1251                                                                                           |
| 11                 | CHEMICAL- METALS & ALLOYS | Aluminium&Aluminium Alloy    | Magnesium                                                                                                  | ASTM E1251                                                                                           |
| 12                 | CHEMICAL- METALS & ALLOYS | Aluminium&Aluminium Alloy    | Manganese                                                                                                  | ASTM E1251                                                                                           |
| 13                 | CHEMICAL- METALS & ALLOYS | Aluminium&Aluminium Alloy    | Vanadium                                                                                                   | ASTM E1251                                                                                           |
| 14                 | CHEMICAL- METALS & ALLOYS | Aluminum & Aluminum Alloys   | Chromium                                                                                                   | ASTM E1251                                                                                           |
| 15                 | CHEMICAL- METALS & ALLOYS | Carbon Steel/ Alloy Steel    | Aluminium                                                                                                  | ASTM E415                                                                                            |
| 16                 | CHEMICAL- METALS & ALLOYS | Carbon Steel/ Alloy Steel    | Aluminium                                                                                                  | IS 8811                                                                                              |
| 17                 | CHEMICAL- METALS & ALLOYS | Carbon Steel/ Alloy Steel    | Arsenic                                                                                                    | IS 8811                                                                                              |
| 18                 | CHEMICAL- METALS & ALLOYS | Carbon Steel/ Alloy Steel    | Boron                                                                                                      | IS 8811                                                                                              |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SOHM ANALYTICAL SERVICES (I) PVT.LTD., B-39, GROUND FLOOR, PLOT NO. J7, J8 & J9,  
KOHINOOR COMPLEX, MIDC TALOJA, NAVI MUMBAI PANVEL, RAIGAD, MAHARASHTRA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-12946

**Page No**

2 of 26

**Validity**

17/01/2024 to 16/01/2026

**Last Amended on**

-

| S.No | Discipline / Group        | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---------------------------|------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 19   | CHEMICAL- METALS & ALLOYS | Carbon steel/ Alloy Steel    | Carbon                                                                                                     | ASTM E415                                                                                            |
| 20   | CHEMICAL- METALS & ALLOYS | Carbon Steel/ Alloy Steel    | Carbon                                                                                                     | IS 8811                                                                                              |
| 21   | CHEMICAL- METALS & ALLOYS | Carbon steel/ Alloy Steel    | Copper                                                                                                     | ASTM E415                                                                                            |
| 22   | CHEMICAL- METALS & ALLOYS | Carbon Steel/ Alloy Steel    | Molybdenum                                                                                                 | ASTM E415                                                                                            |
| 23   | CHEMICAL- METALS & ALLOYS | Carbon Steel/ Alloy Steel    | Nickel                                                                                                     | IS 8811                                                                                              |
| 24   | CHEMICAL- METALS & ALLOYS | Carbon Steel/ Alloy Steel    | Niobium                                                                                                    | IS 8811                                                                                              |
| 25   | CHEMICAL- METALS & ALLOYS | Carbon Steel/ Alloy Steel    | Nitrogen                                                                                                   | ASTM E415                                                                                            |
| 26   | CHEMICAL- METALS & ALLOYS | Carbon Steel/ Alloy Steel    | Phosphorous                                                                                                | ASTM E415                                                                                            |
| 27   | CHEMICAL- METALS & ALLOYS | Carbon steel/ Alloy Steel    | Silicon                                                                                                    | ASTM E415                                                                                            |
| 28   | CHEMICAL- METALS & ALLOYS | Carbon steel/ Alloy Steel    | Sulphur                                                                                                    | ASTM E415                                                                                            |
| 29   | CHEMICAL- METALS & ALLOYS | Carbon Steel/ Alloy Steel    | Tin                                                                                                        | IS 8811                                                                                              |
| 30   | CHEMICAL- METALS & ALLOYS | Carbon Steel/ Alloy Steel    | Titanium                                                                                                   | ASTM E415                                                                                            |
| 31   | CHEMICAL- METALS & ALLOYS | Carbon Steel/ Alloy Steel    | Titanium                                                                                                   | IS 8811                                                                                              |
| 32   | CHEMICAL- METALS & ALLOYS | Carbon Steel/Alloy Steel     | Boron                                                                                                      | ASTM E415                                                                                            |
| 33   | CHEMICAL- METALS & ALLOYS | Carbon Steel/Alloy Steel     | Chromium                                                                                                   | IS 8811                                                                                              |
| 34   | CHEMICAL- METALS & ALLOYS | Carbon Steel/Alloy Steel     | Copper                                                                                                     | IS 8811                                                                                              |
| 35   | CHEMICAL- METALS & ALLOYS | Carbon Steel/Alloy Steel     | Molybdenum                                                                                                 | IS 8811                                                                                              |
| 36   | CHEMICAL- METALS & ALLOYS | Carbon Steel/Alloy Steel     | Phosphorous                                                                                                | IS 8811                                                                                              |
| 37   | CHEMICAL- METALS & ALLOYS | Carbon Steel/Alloy Steel     | Silicon                                                                                                    | IS 8811                                                                                              |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SOHM ANALYTICAL SERVICES (I) PVT.LTD., B-39, GROUND FLOOR, PLOT NO. J7, J8 & J9,  
KOHINOOR COMPLEX, MIDC TALOJA, NAVI MUMBAI PANVEL, RAIGAD, MAHARASHTRA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-12946

**Page No**

3 of 26

**Validity**

17/01/2024 to 16/01/2026

**Last Amended on**

-

| S.No | Discipline / Group        | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---------------------------|------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 38   | CHEMICAL- METALS & ALLOYS | Carbon Steel/Alloy Steel     | Sulphur                                                                                                    | IS 8811                                                                                              |
| 39   | CHEMICAL- METALS & ALLOYS | Cast Iron                    | Carbon                                                                                                     | ASTM E1999                                                                                           |
| 40   | CHEMICAL- METALS & ALLOYS | Cast Iron                    | Chromium                                                                                                   | ASTM E1999                                                                                           |
| 41   | CHEMICAL- METALS & ALLOYS | Cast Iron                    | Copper                                                                                                     | ASTM E1999                                                                                           |
| 42   | CHEMICAL- METALS & ALLOYS | Cast Iron                    | Manganese                                                                                                  | ASTM E1999                                                                                           |
| 43   | CHEMICAL- METALS & ALLOYS | Cast Iron                    | Molybdenum                                                                                                 | ASTM E1999                                                                                           |
| 44   | CHEMICAL- METALS & ALLOYS | Cast Iron                    | Nickel                                                                                                     | ASTM E1999                                                                                           |
| 45   | CHEMICAL- METALS & ALLOYS | Cast Iron                    | Phosphorous                                                                                                | ASTM E1999                                                                                           |
| 46   | CHEMICAL- METALS & ALLOYS | Cast Iron                    | Silicon                                                                                                    | ASTM E1999                                                                                           |
| 47   | CHEMICAL- METALS & ALLOYS | Cast Iron                    | Sulphur                                                                                                    | ASTM E1999                                                                                           |
| 48   | CHEMICAL- METALS & ALLOYS | Copper Base & Alloys         | Silicon                                                                                                    | BS EN 15079                                                                                          |
| 49   | CHEMICAL- METALS & ALLOYS | Copper Base & Alloys         | Sulphur                                                                                                    | BS EN 15079                                                                                          |
| 50   | CHEMICAL- METALS & ALLOYS | Copper Base & Alloys         | Zinc                                                                                                       | BS EN 15079                                                                                          |
| 51   | CHEMICAL- METALS & ALLOYS | Nickel Base & Alloys         | Chromium                                                                                                   | ASTM E3047                                                                                           |
| 52   | CHEMICAL- METALS & ALLOYS | Nickel Base & Alloys         | Molybdenum                                                                                                 | ASTM E3047                                                                                           |
| 53   | CHEMICAL- METALS & ALLOYS | Nickel Base & Alloys         | Phosphorous                                                                                                | ASTM E3047                                                                                           |
| 54   | CHEMICAL- METALS & ALLOYS | Stainless Steel              | Carbon                                                                                                     | ASTM E1086                                                                                           |
| 55   | CHEMICAL- METALS & ALLOYS | Stainless Steel              | Chromium                                                                                                   | ASTM E1086                                                                                           |
| 56   | CHEMICAL- METALS & ALLOYS | Stainless Steel              | Chromium                                                                                                   | IS 9879                                                                                              |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SOHM ANALYTICAL SERVICES (I) PVT.LTD., B-39, GROUND FLOOR, PLOT NO. J7, J8 & J9,  
KOHINOOR COMPLEX, MIDC TALOJA, NAVI MUMBAI PANVEL, RAIGAD, MAHARASHTRA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-12946

**Page No**

4 of 26

**Validity**

17/01/2024 to 16/01/2026

**Last Amended on**

-

| S.No | Discipline / Group                          | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---------------------------------------------|------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 57   | CHEMICAL- METALS & ALLOYS                   | Stainless Steel              | Chromium                                                                                                   | JIS G1253                                                                                            |
| 58   | CHEMICAL- METALS & ALLOYS                   | Stainless Steel              | Copper                                                                                                     | IS 9879                                                                                              |
| 59   | CHEMICAL- METALS & ALLOYS                   | Stainless steel              | Manganese                                                                                                  | ASTM E1086                                                                                           |
| 60   | CHEMICAL- METALS & ALLOYS                   | Stainless Steel              | Manganese                                                                                                  | IS 9879                                                                                              |
| 61   | CHEMICAL- METALS & ALLOYS                   | Stainless Steel              | Molybdenum                                                                                                 | ASTM E1086                                                                                           |
| 62   | CHEMICAL- METALS & ALLOYS                   | Stainless Steel              | Molybdenum                                                                                                 | IS 9879                                                                                              |
| 63   | CHEMICAL- METALS & ALLOYS                   | Stainless Steel              | Nickel                                                                                                     | ASTM E1086                                                                                           |
| 64   | CHEMICAL- METALS & ALLOYS                   | Stainless Steel              | Nickel                                                                                                     | IS 9879                                                                                              |
| 65   | CHEMICAL- METALS & ALLOYS                   | Stainless steel              | Nickel                                                                                                     | JIS G1253                                                                                            |
| 66   | CHEMICAL- METALS & ALLOYS                   | Stainless Steel              | Nitrogen                                                                                                   | IS 228 (Part 23)                                                                                     |
| 67   | CHEMICAL- METALS & ALLOYS                   | Stainless Steel              | Phosphorous                                                                                                | ASTM E1086                                                                                           |
| 68   | CHEMICAL- METALS & ALLOYS                   | Stainless Steel              | Phosphorous                                                                                                | IS 9879                                                                                              |
| 69   | CHEMICAL- METALS & ALLOYS                   | Stainless Steel              | Silicon                                                                                                    | IS 9879                                                                                              |
| 70   | CHEMICAL- METALS & ALLOYS                   | Stainless Steel              | Sulphur                                                                                                    | ASTM E1086                                                                                           |
| 71   | MECHANICAL- MECHANICAL PROPERTIES OF METALS | Non Ferrous Metals & Alloys  | Ultimate Tensile Strength                                                                                  | ASTM E8                                                                                              |
| 72   | MECHANICAL- MECHANICAL PROPERTIES OF METALS | Cladded steel Plate          | Shear Test                                                                                                 | ASTM A 265-12(2019)/ SA 265                                                                          |
| 73   | MECHANICAL- MECHANICAL PROPERTIES OF METALS | Cladded steel Plate          | Shear Test                                                                                                 | ASTM A263 / SA263                                                                                    |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SOHM ANALYTICAL SERVICES (I) PVT.LTD., B-39, GROUND FLOOR, PLOT NO. J7, J8 & J9,  
KOHINOOR COMPLEX, MIDC TALOJA, NAVI MUMBAI PANVEL, RAIGAD, MAHARASHTRA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-12946

**Page No**

5 of 26

**Validity**

17/01/2024 to 16/01/2026

**Last Amended on**

-

| S.No | Discipline / Group                                | Materials or Products tested                  | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---------------------------------------------------|-----------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 74   | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Cladded steel Plate                           | Shear Test                                                                                                 | ASTM A264 / SA264                                                                                    |
| 75   | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Alloys Tube / Pipe                    | Flaring Test/Drift Test                                                                                    | IS 2501                                                                                              |
| 76   | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys                       | % Elongation,                                                                                              | IS 1608 (Part 1)                                                                                     |
| 77   | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys                       | % R.A                                                                                                      | IS 1608 (Part 1)                                                                                     |
| 78   | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys                       | 0.5% Proof Stress/EUL                                                                                      | ISO 6892-1                                                                                           |
| 79   | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys                       | Hardness Vickers HV10                                                                                      | IS 1501 (Part 1)                                                                                     |
| 80   | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous & Nonferrous Material, Alloy Products | Yield Strength                                                                                             | ASTM E8                                                                                              |
| 81   | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous ,Non Ferrous Metals & Alloys (Weld)   | Nick break Test                                                                                            | IS 2825                                                                                              |
| 82   | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Material, Alloy Products              | HV30                                                                                                       | ASTM E384                                                                                            |
| 83   | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Material, Alloy Products              | Reduction Area (%)                                                                                         | ASTM E8                                                                                              |
| 84   | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Material, Alloy Products              | 0.2% Proof Stress                                                                                          | ASTM A370                                                                                            |
| 85   | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Material, Alloy Products              | 0.2% Proof Stress                                                                                          | ASTM E8                                                                                              |
| 86   | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Material, Alloy Products              | 1% Proof Stress                                                                                            | ASTM A370                                                                                            |
| 87   | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Material, Alloy Products              | 1% Proof Stress                                                                                            | ISO 6892-1                                                                                           |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SOHM ANALYTICAL SERVICES (I) PVT.LTD., B-39, GROUND FLOOR, PLOT NO. J7, J8 & J9,  
KOHINOOR COMPLEX, MIDC TALOJA, NAVI MUMBAI PANVEL, RAIGAD, MAHARASHTRA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-12946

**Page No**

6 of 26

**Validity**

17/01/2024 to 16/01/2026

**Last Amended on**

-

| S.No | Discipline / Group                                | Materials or Products tested         | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---------------------------------------------------|--------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 88   | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Material, Alloy Products     | Reduction Area (%)                                                                                         | ASTM A370                                                                                            |
| 89   | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Material, Alloy Products     | Reduction Area (%)                                                                                         | ISO 6892-1                                                                                           |
| 90   | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Material, Alloy Products     | Yield Strength                                                                                             | ASTM A370                                                                                            |
| 91   | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Material, Alloy Products     | Yield Strength                                                                                             | ISO 6892-1                                                                                           |
| 92   | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Material, Alloys Products    | Hardness (HBW 10/3000)                                                                                     | ASTM E10                                                                                             |
| 93   | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Material,& Alloy Products    | Hardness Test (HBW10/3000)                                                                                 | IS 1500 (Part 1)                                                                                     |
| 94   | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Material,Alloy Products      | Hardness Test (HBW10/3000)                                                                                 | ISO 6506-1                                                                                           |
| 95   | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous materials, alloys & products | 1% Proof Stress                                                                                            | ASTM E8                                                                                              |
| 96   | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Materials,alloys & products  | Proof Load                                                                                                 | IS 1367 (Part 6)                                                                                     |
| 97   | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous metal and alloys             | Hardness Test(2.5/187.5)                                                                                   | ASTM E10                                                                                             |
| 98   | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys              | Brinell Hardness                                                                                           | IS 1500 (Part 1)                                                                                     |
| 99   | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys              | 0.2% Proof Stress                                                                                          | IS 1608 (Part 1)                                                                                     |
| 100  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys              | Yield Strength                                                                                             | IS 1608 (Part 1)                                                                                     |
| 101  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys              | 1% Proof Stress                                                                                            | IS 1608 (Part 1)                                                                                     |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SOHM ANALYTICAL SERVICES (I) PVT.LTD., B-39, GROUND FLOOR, PLOT NO. J7, J8 & J9,  
KOHINOOR COMPLEX, MIDC TALOJA, NAVI MUMBAI PANVEL, RAIGAD, MAHARASHTRA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-12946

**Page No**

7 of 26

**Validity**

17/01/2024 to 16/01/2026

**Last Amended on**

-

| S.No | Discipline / Group                                | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---------------------------------------------------|------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 102  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Ultimate Tensile Strength                                                                                  | IS 1608( part 1)                                                                                     |
| 103  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Elongation (%)                                                                                             | ASTM E8                                                                                              |
| 104  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Hardness Vickers                                                                                           | ASTM E92                                                                                             |
| 105  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | 0.2% Proof Stress                                                                                          | ISO 6892-1                                                                                           |
| 106  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | 0.5% Proof Stress/EUL                                                                                      | ASTM A370                                                                                            |
| 107  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | 0.5% Proof Stress/EUL                                                                                      | IS 1608 (Part 1)                                                                                     |
| 108  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Brinell Hardness (2.5/187.5)                                                                               | ASTM E10                                                                                             |
| 109  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Brinell Hardness (2.5/187.5)                                                                               | IS 1500 (Part 1)                                                                                     |
| 110  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Brinell Hardness (2.5/187.5)                                                                               | ISO 6506-1                                                                                           |
| 111  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Charpy 'V' notch Impact Test                                                                               | ASTM E23                                                                                             |
| 112  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Charpy 'V' notch Impact Test                                                                               | BS EN ISO 148-1                                                                                      |
| 113  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Charpy 'V' notch Impact Test                                                                               | ASTM A370                                                                                            |
| 114  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Charpy 'V' notch Impact Test                                                                               | ASTM A370                                                                                            |
| 115  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Charpy 'V' notch Impact Test                                                                               | BS EN ISO 9016                                                                                       |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SOHM ANALYTICAL SERVICES (I) PVT.LTD., B-39, GROUND FLOOR, PLOT NO. J7, J8 & J9,  
KOHINOOR COMPLEX, MIDC TALOJA, NAVI MUMBAI PANVEL, RAIGAD, MAHARASHTRA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-12946

**Page No**

8 of 26

**Validity**

17/01/2024 to 16/01/2026

**Last Amended on**

-

| S.No | Discipline / Group                                | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---------------------------------------------------|------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 116  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Charpy 'V' notch Impact Test                                                                               | IBR RULE                                                                                             |
| 117  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Charpy 'V' notch Impact Test                                                                               | IS 1757                                                                                              |
| 118  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Charpy 'V' notch Impact Test                                                                               | BS EN ISO 148-1                                                                                      |
| 119  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Charpy 'V' notch (-196°C to +50°C) Impact Test                                                             | ASTM A370                                                                                            |
| 120  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Charpy 'V' notch Impact Test                                                                               | ASTM A370                                                                                            |
| 121  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Charpy 'V' notch Impact Test                                                                               | ASTM E23                                                                                             |
| 122  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Elongation (%)                                                                                             | ASTM A370                                                                                            |
| 123  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Elongation (%)                                                                                             | ISO 6892-1                                                                                           |
| 124  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Hardness Rockwell B                                                                                        | ASTM A370                                                                                            |
| 125  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Hardness Rockwell B Scales                                                                                 | ASTM A370                                                                                            |
| 126  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Hardness Rockwell B Scales                                                                                 | ASTM E18                                                                                             |
| 127  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Hardness Rockwell B Scales                                                                                 | IS 1586 (Part 1)                                                                                     |
| 128  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Hardness Rockwell B Scales                                                                                 | ISO 6508-1                                                                                           |
| 129  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Hardness Rockwell C Scales                                                                                 | ASTM A370                                                                                            |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SOHM ANALYTICAL SERVICES (I) PVT.LTD., B-39, GROUND FLOOR, PLOT NO. J7, J8 & J9,  
KOHINOOR COMPLEX, MIDC TALOJA, NAVI MUMBAI PANVEL, RAIGAD, MAHARASHTRA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-12946

**Page No**

9 of 26

**Validity**

17/01/2024 to 16/01/2026

**Last Amended on**

-

| S.No | Discipline / Group                                | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---------------------------------------------------|------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 130  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Hardness Rockwell C Scales                                                                                 | ASTM E18                                                                                             |
| 131  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Hardness Rockwell C Scales                                                                                 | IS 1586 (Part 1)                                                                                     |
| 132  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Hardness Rockwell C Scales                                                                                 | ISO 6508-1                                                                                           |
| 133  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Hardness Vickers HV10                                                                                      | ASTM E384                                                                                            |
| 134  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Hardness Vickers HV10                                                                                      | ISO 6507                                                                                             |
| 135  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Hardness Vickers HV30                                                                                      | ASTM E92                                                                                             |
| 136  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Hardness Vickers HV30                                                                                      | IS 1501 (Part 1)                                                                                     |
| 137  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Hardness Vickers HV30                                                                                      | ISO 6507-1                                                                                           |
| 138  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Hardness Vickers HV5                                                                                       | ASTM E384                                                                                            |
| 139  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Hardness Vickers HV5                                                                                       | ASTM E92                                                                                             |
| 140  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Hardness Vickers HV5                                                                                       | IS 1501 (Part 1)                                                                                     |
| 141  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Hardness Vickers HV5                                                                                       | ISO 6507                                                                                             |
| 142  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Ultimate Tensile Strength                                                                                  | ASTM A370                                                                                            |
| 143  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys      | Ultimate Tensile Strength                                                                                  | ISO 6892-1                                                                                           |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SOHM ANALYTICAL SERVICES (I) PVT.LTD., B-39, GROUND FLOOR, PLOT NO. J7, J8 & J9,  
KOHINOOR COMPLEX, MIDC TALOJA, NAVI MUMBAI PANVEL, RAIGAD, MAHARASHTRA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-12946

**Page No**

10 of 26

**Validity**

17/01/2024 to 16/01/2026

**Last Amended on**

-

| S.No | Discipline / Group                                | Materials or Products tested          | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---------------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 144  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys               | Yield Stress                                                                                               | ASTM A370                                                                                            |
| 145  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys (Weld)        | Nick break Test                                                                                            | API 1104                                                                                             |
| 146  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys (Weld)        | Nick break Test                                                                                            | IBR RULE                                                                                             |
| 147  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys (Weld)        | Nick break Test                                                                                            | IS 3600 (Part 8) / IS 814                                                                            |
| 148  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys - Nuts        | Proof Load                                                                                                 | IS 1367 (Part 6)                                                                                     |
| 149  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys - Nuts        | Proof Load                                                                                                 | ASTM A194                                                                                            |
| 150  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys - Nuts        | Proof Load                                                                                                 | ASTM A370                                                                                            |
| 151  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys - Nuts        | Proof Load                                                                                                 | ASTM A370                                                                                            |
| 152  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys - Nuts        | Proof Load                                                                                                 | ASTM A194                                                                                            |
| 153  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys Bolt & Screws | Proof Load                                                                                                 | ASTM A370                                                                                            |
| 154  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys Bolt & Screws | Proof Load                                                                                                 | ASTM A370                                                                                            |
| 155  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys Bolt & Screws | Proof Load                                                                                                 | IS 1367 (Part 3)                                                                                     |
| 156  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys Bolt & Screws | Proof Load                                                                                                 | IS 1367 (Part 3)                                                                                     |
| 157  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys Tube / Pipe   | Flaring Test/Drift Test                                                                                    | ASTM A1016/1016M                                                                                     |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SOHM ANALYTICAL SERVICES (I) PVT.LTD., B-39, GROUND FLOOR, PLOT NO. J7, J8 & J9,  
KOHINOOR COMPLEX, MIDC TALOJA, NAVI MUMBAI PANVEL, RAIGAD, MAHARASHTRA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-12946

**Page No**

11 of 26

**Validity**

17/01/2024 to 16/01/2026

**Last Amended on**

-

| S.No | Discipline / Group                                | Materials or Products tested                          | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 158  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys Tube / Pipe                   | Flaring Test/Drift Test                                                                                    | ASTM A1016/1016M                                                                                     |
| 159  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys Tube / Pipe                   | Flaring Test/Drift Test                                                                                    | ASTM A370                                                                                            |
| 160  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys Tube / Pipe                   | Flaring Test/Drift Test                                                                                    | IS 2335                                                                                              |
| 161  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous Metals & Alloys Tube / Pipe                   | Flaring Test/Drift Test                                                                                    | IS 2335                                                                                              |
| 162  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Ferrous, Ferrous Metals & Alloys                      | Brinell Hardness (2.5/187.5)                                                                               | IS 1500 (Part 1)                                                                                     |
| 163  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | High Strength deformed bar for concrete reinforcement | Re-bend Test                                                                                               | IS 1786                                                                                              |
| 164  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Metals and alloys (Tube to tube sheet Mock up)        | Pull Out Test                                                                                              | ASME Sec VIII, DIV 1                                                                                 |
| 165  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals, alloys & products                 | 1% Proof Stress                                                                                            | ISO 6892-1                                                                                           |
| 166  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Alloys & Products                         | Elongation (%)                                                                                             | ASTM B557                                                                                            |
| 167  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Alloys & Products                         | Ultimate Tensile Strength                                                                                  | ASTM B 557                                                                                           |
| 168  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non ferrous Material & Alloy Products                 | Hardness Test (HBW10/3000)                                                                                 | ISO 6506-1                                                                                           |
| 169  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non ferrous Material & Alloy Products                 | Reduction Area (%)                                                                                         | ISO 6892-1                                                                                           |
| 170  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non ferrous Material & Alloy Products                 | Yield Strength                                                                                             | ASTM B557                                                                                            |
| 171  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non ferrous Material & Alloy Products                 | Yield Strength                                                                                             | ISO 6892-1                                                                                           |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SOHM ANALYTICAL SERVICES (I) PVT.LTD., B-39, GROUND FLOOR, PLOT NO. J7, J8 & J9,  
KOHINOOR COMPLEX, MIDC TALOJA, NAVI MUMBAI PANVEL, RAIGAD, MAHARASHTRA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-12946

**Page No**

12 of 26

**Validity**

17/01/2024 to 16/01/2026

**Last Amended on**

-

| S.No | Discipline / Group                                | Materials or Products tested          | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---------------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 172  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Material, Alloys Products | Hardness (HBW 10/3000)                                                                                     | ASTM E10                                                                                             |
| 173  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys           | 0.2% Proof Stress                                                                                          | ASTM B557                                                                                            |
| 174  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys           | 0.2% Proof Stress                                                                                          | IS 1608 (Part 1)                                                                                     |
| 175  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys           | 0.2% Proof Stress                                                                                          | ISO 6892-1                                                                                           |
| 176  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys           | 0.5% Proof Stress/EUL                                                                                      | ASTM A370                                                                                            |
| 177  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys           | 0.5% Proof Stress/EUL                                                                                      | IS 1608 (Part 1)                                                                                     |
| 178  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys           | 0.5% Proof Stress/EUL                                                                                      | ISO 6892-1                                                                                           |
| 179  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys           | 1% Proof Stress                                                                                            | IS 1608 (Part 1)                                                                                     |
| 180  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys           | Brinell Hardness                                                                                           | ASTM E10                                                                                             |
| 181  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys           | Brinell Hardness                                                                                           | IS 1500 (Part 1)                                                                                     |
| 182  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys           | Brinell Hardness                                                                                           | ISO 6506-1                                                                                           |
| 183  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys           | Charpy 'V' notch (-196°C to +50°C) Impact Test                                                             | ASTM A370                                                                                            |
| 184  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys           | Charpy 'V' notch (-196°C to +50°C) Impact Test                                                             | ASTM E23                                                                                             |
| 185  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys           | Charpy 'V' notch Impact Test (-196°C to +50°C)                                                             | BS EN ISO 148-1                                                                                      |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SOHM ANALYTICAL SERVICES (I) PVT.LTD., B-39, GROUND FLOOR, PLOT NO. J7, J8 & J9,  
KOHINOOR COMPLEX, MIDC TALOJA, NAVI MUMBAI PANVEL, RAIGAD, MAHARASHTRA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-12946

**Page No**

13 of 26

**Validity**

17/01/2024 to 16/01/2026

**Last Amended on**

-

| S.No | Discipline / Group                                | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---------------------------------------------------|------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 186  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys  | Charpy 'V' notch Impact Test<br>(-196°C to +50°C)                                                          | IBR RULE                                                                                             |
| 187  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys  | Elongation (%)                                                                                             | ISO 6892-1                                                                                           |
| 188  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys  | Hardness HBW                                                                                               | IS 1500                                                                                              |
| 189  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys  | Hardness Rockwell B                                                                                        | ASTM A370                                                                                            |
| 190  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys  | Hardness Rockwell B Scales                                                                                 | ASTM A370                                                                                            |
| 191  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys  | Hardness Rockwell B Scales                                                                                 | ASTM E18                                                                                             |
| 192  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys  | Hardness Rockwell B Scales                                                                                 | IS 1586 (Part 1)                                                                                     |
| 193  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys  | Hardness Rockwell B Scales                                                                                 | ISO 6508-1                                                                                           |
| 194  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys  | Hardness Rockwell C Scales                                                                                 | ASTM A370                                                                                            |
| 195  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys  | Hardness Rockwell C Scales                                                                                 | ASTM E18                                                                                             |
| 196  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys  | Hardness Rockwell C Scales                                                                                 | IS 1586 (Part 1)                                                                                     |
| 197  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys  | Hardness Rockwell C Scales                                                                                 | ISO 6508-1                                                                                           |
| 198  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys  | Hardness Vickers                                                                                           | ASTM E92                                                                                             |
| 199  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys  | Hardness Vickers HV10                                                                                      | ASTM E384                                                                                            |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SOHM ANALYTICAL SERVICES (I) PVT.LTD., B-39, GROUND FLOOR, PLOT NO. J7, J8 & J9,  
KOHINOOR COMPLEX, MIDC TALOJA, NAVI MUMBAI PANVEL, RAIGAD, MAHARASHTRA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-12946

**Page No**

14 of 26

**Validity**

17/01/2024 to 16/01/2026

**Last Amended on**

-

| S.No | Discipline / Group                                | Materials or Products tested         | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---------------------------------------------------|--------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 200  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys          | Hardness Vickers HV10                                                                                      | IS 1501 (Part 1)                                                                                     |
| 201  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys          | Hardness Vickers HV10                                                                                      | ISO 6507                                                                                             |
| 202  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys          | Hardness Vickers HV30                                                                                      | ASTM E92                                                                                             |
| 203  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys          | Hardness Vickers HV30                                                                                      | IS 1501 (Part 1)                                                                                     |
| 204  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys          | Hardness Vickers HV5                                                                                       | ASTM E384                                                                                            |
| 205  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys          | Hardness Vickers HV5                                                                                       | ASTM E92                                                                                             |
| 206  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys          | Hardness Vickers HV5                                                                                       | IS 1501 (Part 1)                                                                                     |
| 207  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys          | Hardness Vickers HV5                                                                                       | ISO 6507                                                                                             |
| 208  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys          | Reduction Area (%)                                                                                         | ASTM B557                                                                                            |
| 209  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys          | Ultimate Tensile Strength                                                                                  | ASTM A370                                                                                            |
| 210  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys          | Ultimate Tensile Strength                                                                                  | ASTM B557                                                                                            |
| 211  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys          | Ultimate Tensile Strength                                                                                  | ISO 6892-1                                                                                           |
| 212  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys          | Yield Strength                                                                                             | IS 1608 (Part 1)                                                                                     |
| 213  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys Products | 0.5% Proof Stress/EUL                                                                                      | ASTM B557                                                                                            |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SOHM ANALYTICAL SERVICES (I) PVT.LTD., B-39, GROUND FLOOR, PLOT NO. J7, J8 & J9,  
KOHINOOR COMPLEX, MIDC TALOJA, NAVI MUMBAI PANVEL, RAIGAD, MAHARASHTRA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-12946

**Page No**

15 of 26

**Validity**

17/01/2024 to 16/01/2026

**Last Amended on**

-

| S.No | Discipline / Group                                | Materials or Products tested            | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---------------------------------------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 214  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys Products    | 1% Proof Stress                                                                                            | ASTM A370                                                                                            |
| 215  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys Products    | 1% Proof Stress                                                                                            | ISO 6892-1                                                                                           |
| 216  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys Products    | Hardness Test (HBW10/3000)                                                                                 | IS 1500 (Part 1)                                                                                     |
| 217  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys Products    | Reduction Area (%)                                                                                         | ASTM A370                                                                                            |
| 218  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys Tube / Pipe | Flaring Test/Drift Test                                                                                    | ASTM B153-11                                                                                         |
| 219  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non Ferrous Metals & Alloys Tube / Pipe | Flaring Test/Drift Test                                                                                    | IS 2501                                                                                              |
| 220  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non ferrous metals alloys and products  | Flaring Test/Drift Test                                                                                    | ASTM B153-11                                                                                         |
| 221  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non-Ferrous Metals & Alloys             | % Elongation                                                                                               | IS 1608 (Part 1)                                                                                     |
| 222  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non-Ferrous Metals & Alloys             | % R.A                                                                                                      | IS 1608 (Part 1)                                                                                     |
| 223  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non-Ferrous Metals & Alloys             | Ultimate Tensile Strength                                                                                  | ASTM E8                                                                                              |
| 224  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non-Ferrous Metals & Alloys             | Yield Strength                                                                                             | ASTM A370                                                                                            |
| 225  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Non-Ferrous Metals, alloys & products   | 0.2% Proof Stress                                                                                          | ASTM A370                                                                                            |
| 226  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Nonferrous Material, Alloy Products     | Hardness Test (HBW10/3000)                                                                                 | IS 1500                                                                                              |
| 227  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Nonferrous Material, Alloy Products     | 1% Proof Stress                                                                                            | ASTM B557                                                                                            |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SOHM ANALYTICAL SERVICES (I) PVT.LTD., B-39, GROUND FLOOR, PLOT NO. J7, J8 & J9,  
KOHINOOR COMPLEX, MIDC TALOJA, NAVI MUMBAI PANVEL, RAIGAD, MAHARASHTRA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-12946

**Page No**

16 of 26

**Validity**

17/01/2024 to 16/01/2026

**Last Amended on**

-

| S.No | Discipline / Group                                | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---------------------------------------------------|------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 228  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Steel Plates                 | Through Thickness Tensile (%R.A)                                                                           | API SPEC 2H                                                                                          |
| 229  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Steel Plates                 | Through Thickness Tensile (%R.A)                                                                           | ASTM A770-03                                                                                         |
| 230  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Steel Plates                 | Through Thickness Tensile (%R.A)                                                                           | BS EN 10164                                                                                          |
| 231  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Steel Plates, Bars, Rods     | Bend Test                                                                                                  | ASTM A370                                                                                            |
| 232  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Steel Plates, Bars, Rods     | Bend Test                                                                                                  | ASTM E290 / ASTM E190                                                                                |
| 233  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Steel Plates, Bars, Rods     | Bend Test                                                                                                  | IBR Rules                                                                                            |
| 234  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Steel Plates, Bars, Rods     | Bend Test                                                                                                  | IS 1599                                                                                              |
| 235  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Steel Plates, Bars, Rods     | Bend Test                                                                                                  | IS 2329                                                                                              |
| 236  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Steel Products               | Assessing the Degree of Banding or Orientation of Microstructures                                          | ASTM E1268                                                                                           |
| 237  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Steel Tube / Pipe            | Flattening Test                                                                                            | ASTM A999                                                                                            |
| 238  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Steel Tubes / Pipes          | Adhesion Test                                                                                              | IS 2629                                                                                              |
| 239  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Steel Tubes / Pipes          | Adhesion Test                                                                                              | IS 4736                                                                                              |
| 240  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Steel Tubes / Pipes          | Bend Test                                                                                                  | ASTM A370                                                                                            |
| 241  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Steel Tubes / Pipes          | Bend Test                                                                                                  | ASTM A530                                                                                            |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SOHM ANALYTICAL SERVICES (I) PVT.LTD., B-39, GROUND FLOOR, PLOT NO. J7, J8 & J9,  
KOHINOOR COMPLEX, MIDC TALOJA, NAVI MUMBAI PANVEL, RAIGAD, MAHARASHTRA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-12946

**Page No**

17 of 26

**Validity**

17/01/2024 to 16/01/2026

**Last Amended on**

-

| S.No | Discipline / Group                                | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---------------------------------------------------|------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 242  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Steel Tubes / Pipes          | Bend Test                                                                                                  | IS 2329                                                                                              |
| 243  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Steel Tubes / Pipes          | Flattening Test                                                                                            | IS 2328                                                                                              |
| 244  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Steel Tubes / Pipes          | Flattening Test                                                                                            | ASTM A1016                                                                                           |
| 245  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Steel Tubes / Pipes          | Flattening Test                                                                                            | ASTM A370                                                                                            |
| 246  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Steel Tubes / Pipes          | Reverse Flattening Test                                                                                    | A1016/1016M                                                                                          |
| 247  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Steel Tubes / Pipes          | Reverse Flattening Test                                                                                    | ASTM A370                                                                                            |
| 248  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Steel Tubes / Pipes          | Reverse Flattening Test                                                                                    | ASTM A999                                                                                            |
| 249  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Weld                         | Face Bend, Root Bend & Side Bend                                                                           | IS 7307 (Part 1)                                                                                     |
| 250  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Weld                         | Face Bend, Root Bend & Side Bend                                                                           | IS 7310 (Part 1)                                                                                     |
| 251  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Weld                         | Face Bend, Root Bend & Side Bend                                                                           | IS 7310 (Part-1)                                                                                     |
| 252  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Weld                         | Fracture Test                                                                                              | IS 7307 (Part 1)                                                                                     |
| 253  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Weld                         | Fracture Test                                                                                              | IS 7310 (Part 1)                                                                                     |
| 254  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Weld Metal                   | Tensile Test (Ultimate Tensile Strength)                                                                   | IBR Rule                                                                                             |
| 255  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Weld Metal                   | Face Bend, Root Bend & Side Bend Test                                                                      | API 1104                                                                                             |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SOHM ANALYTICAL SERVICES (I) PVT.LTD., B-39, GROUND FLOOR, PLOT NO. J7, J8 & J9,  
KOHINOOR COMPLEX, MIDC TALOJA, NAVI MUMBAI PANVEL, RAIGAD, MAHARASHTRA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-12946

**Page No**

18 of 26

**Validity**

17/01/2024 to 16/01/2026

**Last Amended on**

-

| S.No | Discipline / Group                                | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---------------------------------------------------|------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 256  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Weld Metal                   | Face Bend, Root Bend & Side Bend Test                                                                      | AWS D1.1                                                                                             |
| 257  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Weld Metal                   | Face Bend, Root Bend & Side Bend Test                                                                      | IBR Rules                                                                                            |
| 258  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Weld Metal                   | Tensile Test (Ultimate Tensile Strength)                                                                   | API 1104                                                                                             |
| 259  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Weld Metal                   | Tensile Test (Ultimate Tensile Strength)                                                                   | AWS D1.1                                                                                             |
| 260  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Weld Metal                   | Weld Metal Tensile Test (Ultimate Tensile Strength)                                                        | BS EN ISO 4136                                                                                       |
| 261  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Weld Metal BS EN ISO 15614-1 | Tensile Test (Ultimate Tensile Strength)                                                                   | BS EN ISO 15614-1                                                                                    |
| 262  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Weld Metal                   | Face Bend, Root Bend & Side Bend Test                                                                      | IS 2825                                                                                              |
| 263  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Weld Metal                   | Face Bend, Root Bend & Side Bend Test                                                                      | ASME Sec IX                                                                                          |
| 264  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Weld Metal                   | Tensile Test (Ultimate Tensile Strength)                                                                   | AWS D1.1                                                                                             |
| 265  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Weld Metal                   | Tensile Test (Ultimate Tensile Strength)                                                                   | ASME Sec IX                                                                                          |
| 266  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Weld Metal                   | Tensile Test (Ultimate Tensile Strength)                                                                   | IS 2825                                                                                              |
| 267  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Weld Metal                   | Tensile Test (Ultimate Tensile Strength)                                                                   | IS 7307 (Part 1)                                                                                     |
| 268  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Weld Metal                   | Tensile Test (Ultimate Tensile Strength)                                                                   | IS 7310 (Part 1)                                                                                     |
| 269  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Welded / Brazed Products     | Fracture Test                                                                                              | ASME Sec IX                                                                                          |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SOHM ANALYTICAL SERVICES (I) PVT.LTD., B-39, GROUND FLOOR, PLOT NO. J7, J8 & J9,  
KOHINOOR COMPLEX, MIDC TALOJA, NAVI MUMBAI PANVEL, RAIGAD, MAHARASHTRA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-12946

**Page No**

19 of 26

**Validity**

17/01/2024 to 16/01/2026

**Last Amended on**

-

| S.No | Discipline / Group                                | Materials or Products tested                                        | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---------------------------------------------------|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 270  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Welded / Brazed Products                                            | Peel Test                                                                                                  | ASME Sec IX                                                                                          |
| 271  | MECHANICAL-<br>MECHANICAL PROPERTIES<br>OF METALS | Welded/Brazed Material                                              | Peel Test Fracture Test                                                                                    | ASME Sec IX                                                                                          |
| 272  | MECHANICAL-<br>METALLOGRAPHY TEST                 | ,Non Ferrous Metals, Alloys& Welded Joints                          | Microstructure Examination,<br>Average grain Size                                                          | ASTM E407                                                                                            |
| 273  | MECHANICAL-<br>METALLOGRAPHY TEST                 | Austenitic Stainless Steel                                          | IGC Practice A                                                                                             | ASTM A262                                                                                            |
| 274  | MECHANICAL-<br>METALLOGRAPHY TEST                 | Austenitic Stainless Steel                                          | IGC Practice B                                                                                             | ASTM A262                                                                                            |
| 275  | MECHANICAL-<br>METALLOGRAPHY TEST                 | Austenitic Stainless Steel                                          | IGC Practice C                                                                                             | ASTM A262                                                                                            |
| 276  | MECHANICAL-<br>METALLOGRAPHY TEST                 | Austenitic Stainless Steel                                          | IGC Practice E                                                                                             | ASTM A262                                                                                            |
| 277  | MECHANICAL-<br>METALLOGRAPHY TEST                 | Austenitic Stainless Steel                                          | IGC Practice F                                                                                             | ASTM A262                                                                                            |
| 278  | MECHANICAL-<br>METALLOGRAPHY TEST                 | Cast Iron Products                                                  | Cast Iron Products<br>Microstructure of Graphite Cast<br>iron Nodularity in SG ron                         | IS 7754                                                                                              |
| 279  | MECHANICAL-<br>METALLOGRAPHY TEST                 | Duplex Stainless steel                                              | Detection of Detrimental<br>Intermetallic Phases Method C                                                  | ASTM A923                                                                                            |
| 280  | MECHANICAL-<br>METALLOGRAPHY TEST                 | Ferritic, Austenitic and Duplex Stainless Steel                     | IGC Method A                                                                                               | ISO 3651 (Part 2)                                                                                    |
| 281  | MECHANICAL-<br>METALLOGRAPHY TEST                 | Ferritic, Austenitic and Duplex Stainless Steel                     | IGC Method C(Huey Test)                                                                                    | ISO 3651 (Part 1)                                                                                    |
| 282  | MECHANICAL-<br>METALLOGRAPHY TEST                 | Ferrous materials Alloys& products                                  | Microstructure Examination,<br>Average grain Size                                                          | ASTM E407                                                                                            |
| 283  | MECHANICAL-<br>METALLOGRAPHY TEST                 | Ferrous Metals & Alloys (Tubes & Tube Sheets)                       | Macro etch Test (Minimum<br>Leak Path & Leg Length)                                                        | ASME Sec IX                                                                                          |
| 284  | MECHANICAL-<br>METALLOGRAPHY TEST                 | Ferrous Metals & Alloys (Wrought Cast & Welded Stainless<br>Steels) | Chloride Stress Corrosion<br>Cracking Test in boiling MgCl <sub>2</sub> /<br>CaCl <sub>2</sub> Solution    | ASTM G36                                                                                             |
| 285  | MECHANICAL-<br>METALLOGRAPHY TEST                 | Ferrous Metals, Alloys& Welded Joints                               | Macro Examination                                                                                          | BS EN ISO 17639                                                                                      |
| 286  | MECHANICAL-<br>METALLOGRAPHY TEST                 | Non Ferrous Alloys                                                  | Microstructure Examination,<br>Average grain Size                                                          | ASTM E3                                                                                              |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SOHM ANALYTICAL SERVICES (I) PVT.LTD., B-39, GROUND FLOOR, PLOT NO. J7, J8 & J9,  
KOHINOOR COMPLEX, MIDC TALOJA, NAVI MUMBAI PANVEL, RAIGAD, MAHARASHTRA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-12946

**Page No**

20 of 26

**Validity**

17/01/2024 to 16/01/2026

**Last Amended on**

-

| S.No | Discipline / Group            | Materials or Products tested              | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|-------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 287  | MECHANICAL-METALLOGRAPHY TEST | Non Ferrous Alloys                        | Microstructure Examination, Average grain Size                                                             | ASTM E407                                                                                            |
| 288  | MECHANICAL-METALLOGRAPHY TEST | Non Ferrous Metals, Alloys& Welded Joints | Macro Examination                                                                                          | IS 11371                                                                                             |
| 289  | MECHANICAL-METALLOGRAPHY TEST | Non Ferrous Metals, Alloys& Welded Joints | Macro Examination                                                                                          | ASME Sec IX                                                                                          |
| 290  | MECHANICAL-METALLOGRAPHY TEST | Welded Products                           | Macro Examination                                                                                          | ASTM E381                                                                                            |
| 291  | MECHANICAL-METALLOGRAPHY TEST | Welded Products                           | Macro Examination                                                                                          | IS 11371                                                                                             |
| 292  | MECHANICAL-METALLOGRAPHY TEST | Welded Products                           | Macro Examination                                                                                          | IS 7307 (Part 1)                                                                                     |
| 293  | MECHANICAL-METALLOGRAPHY TEST | Welded Products                           | Macro Examination                                                                                          | IS 7310 (Part 1)                                                                                     |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SOHM ANALYTICAL SERVICES (I) PVT.LTD., B-39, GROUND FLOOR, PLOT NO. J7, J8 & J9,  
KOHINOOR COMPLEX, MIDC TALOJA, NAVI MUMBAI PANVEL, RAIGAD, MAHARASHTRA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-12946

**Page No**

21 of 26

**Validity**

17/01/2024 to 16/01/2026

**Last Amended on**

-

| S.No          | Discipline / Group        | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---------------|---------------------------|------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Site Facility |                           |                              |                                                                                                            |                                                                                                      |
| 1             | CHEMICAL- METALS & ALLOYS | Carbon steel/ Alloy Steel    | Aluminium                                                                                                  | ASTM E415                                                                                            |
| 2             | CHEMICAL- METALS & ALLOYS | Carbon Steel/ Alloy Steel    | Antimony                                                                                                   | ASTM E415                                                                                            |
| 3             | CHEMICAL- METALS & ALLOYS | Carbon Steel/ Alloy Steel    | Arsenic                                                                                                    | ASTM E415                                                                                            |
| 4             | CHEMICAL- METALS & ALLOYS | Carbon Steel/ Alloy Steel    | Calcium                                                                                                    | ASTM E415                                                                                            |
| 5             | CHEMICAL- METALS & ALLOYS | Carbon Steel/ Alloy Steel    | Chromium                                                                                                   | ASTM E415                                                                                            |
| 6             | CHEMICAL- METALS & ALLOYS | Carbon Steel/ Alloy Steel    | Cobalt                                                                                                     | ASTM E415                                                                                            |
| 7             | CHEMICAL- METALS & ALLOYS | Carbon Steel/ Alloy Steel    | Nickel                                                                                                     | ASTM E415                                                                                            |
| 8             | CHEMICAL- METALS & ALLOYS | Carbon Steel/ Alloy Steel    | Niobium                                                                                                    | ASTM E415                                                                                            |
| 9             | CHEMICAL- METALS & ALLOYS | Carbon Steel/ Alloy Steel    | Tin                                                                                                        | ASTM E415                                                                                            |
| 10            | CHEMICAL- METALS & ALLOYS | Carbon Steel/ Alloy Steel    | Vanadium                                                                                                   | ASTM E415                                                                                            |
| 11            | CHEMICAL- METALS & ALLOYS | Carbon Steel/Alloy Steel     | Manganese                                                                                                  | ASTM E415                                                                                            |
| 12            | CHEMICAL- METALS & ALLOYS | Carbon Steel/Alloy Steel     | Vanadium                                                                                                   | IS 8811: 1998                                                                                        |
| 13            | CHEMICAL- METALS & ALLOYS | Copper base & Alloys         | Aluminium                                                                                                  | BS EN 15079                                                                                          |
| 14            | CHEMICAL- METALS & ALLOYS | Copper Base & Alloys         | Antimony                                                                                                   | BS EN 15079                                                                                          |
| 15            | CHEMICAL- METALS & ALLOYS | Copper Base & Alloys         | Arsenic                                                                                                    | BS EN 15079                                                                                          |
| 16            | CHEMICAL- METALS & ALLOYS | Copper Base & Alloys         | Beryllium                                                                                                  | BS EN 15079                                                                                          |
| 17            | CHEMICAL- METALS & ALLOYS | Copper Base & Alloys         | Bismuth                                                                                                    | BS EN 15079                                                                                          |
| 18            | CHEMICAL- METALS & ALLOYS | Copper Base & Alloys         | Cadmium                                                                                                    | BS EN 15079                                                                                          |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SOHM ANALYTICAL SERVICES (I) PVT.LTD., B-39, GROUND FLOOR, PLOT NO. J7, J8 & J9,  
KOHINOOR COMPLEX, MIDC TALOJA, NAVI MUMBAI PANVEL, RAIGAD, MAHARASHTRA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-12946

**Page No**

22 of 26

**Validity**

17/01/2024 to 16/01/2026

**Last Amended on**

-

| S.No | Discipline / Group        | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---------------------------|------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 19   | CHEMICAL- METALS & ALLOYS | Copper Base & Alloys         | Carbon                                                                                                     | BS EN 15079                                                                                          |
| 20   | CHEMICAL- METALS & ALLOYS | Copper Base & alloys         | Iron                                                                                                       | BS EN 15079                                                                                          |
| 21   | CHEMICAL- METALS & ALLOYS | Copper Base & Alloys         | Lead                                                                                                       | BS EN 15079                                                                                          |
| 22   | CHEMICAL- METALS & ALLOYS | Copper Base & Alloys         | Manganese                                                                                                  | BS EN 15079                                                                                          |
| 23   | CHEMICAL- METALS & ALLOYS | Copper Base & Alloys         | Nickel                                                                                                     | BS EN 15079                                                                                          |
| 24   | CHEMICAL- METALS & ALLOYS | Copper Base & Alloys         | Phosphorous                                                                                                | BS EN 15079                                                                                          |
| 25   | CHEMICAL- METALS & ALLOYS | Copper Base & Alloys         | Silver                                                                                                     | BS EN 15079                                                                                          |
| 26   | CHEMICAL- METALS & ALLOYS | Copper Base & Alloys         | Tin                                                                                                        | BS EN 15079                                                                                          |
| 27   | CHEMICAL- METALS & ALLOYS | High Speed Tool Steel        | Carbon                                                                                                     | JIS G1253                                                                                            |
| 28   | CHEMICAL- METALS & ALLOYS | High Speed Tool Steel        | Chromium                                                                                                   | JIS G1253                                                                                            |
| 29   | CHEMICAL- METALS & ALLOYS | High Speed Tool Steel        | Cobalt                                                                                                     | JIS G1253                                                                                            |
| 30   | CHEMICAL- METALS & ALLOYS | High Speed Tool Steel        | Manganese                                                                                                  | JIS G1253                                                                                            |
| 31   | CHEMICAL- METALS & ALLOYS | High Speed Tool Steel        | Molybdenum                                                                                                 | JIS G1253                                                                                            |
| 32   | CHEMICAL- METALS & ALLOYS | High Speed Tool Steel        | Phosphorous                                                                                                | JIS G1253                                                                                            |
| 33   | CHEMICAL- METALS & ALLOYS | High Speed Tool Steel        | Silicon                                                                                                    | JIS G1253                                                                                            |
| 34   | CHEMICAL- METALS & ALLOYS | High Speed Tool Steel        | Sulphur                                                                                                    | JIS G1253                                                                                            |
| 35   | CHEMICAL- METALS & ALLOYS | High Speed Tool Steel        | Tungsten                                                                                                   | JIS G1253                                                                                            |
| 36   | CHEMICAL- METALS & ALLOYS | High Speed Tool Steel        | Vanadium                                                                                                   | JIS G1253                                                                                            |
| 37   | CHEMICAL- METALS & ALLOYS | Nickel Base & Alloys         | Aluminium                                                                                                  | ASTM E3047                                                                                           |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SOHM ANALYTICAL SERVICES (I) PVT.LTD., B-39, GROUND FLOOR, PLOT NO. J7, J8 & J9,  
KOHINOOR COMPLEX, MIDC TALOJA, NAVI MUMBAI PANVEL, RAIGAD, MAHARASHTRA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-12946

**Page No**

23 of 26

**Validity**

17/01/2024 to 16/01/2026

**Last Amended on**

-

| S.No | Discipline / Group        | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---------------------------|------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 38   | CHEMICAL- METALS & ALLOYS | Nickel Base & Alloys         | Boron                                                                                                      | ASTM E3047                                                                                           |
| 39   | CHEMICAL- METALS & ALLOYS | Nickel Base & Alloys         | Carbon                                                                                                     | ASTM E3047                                                                                           |
| 40   | CHEMICAL- METALS & ALLOYS | Nickel base & Alloys         | Cobalt                                                                                                     | ASTM E3047                                                                                           |
| 41   | CHEMICAL- METALS & ALLOYS | Nickel Base & Alloys         | Copper                                                                                                     | ASTM E3047                                                                                           |
| 42   | CHEMICAL- METALS & ALLOYS | Nickel Base & Alloys         | Iron                                                                                                       | ASTM E3047                                                                                           |
| 43   | CHEMICAL- METALS & ALLOYS | Nickel Base & Alloys         | Manganese                                                                                                  | ASTM E3047                                                                                           |
| 44   | CHEMICAL- METALS & ALLOYS | Nickel Base & Alloys         | Niobium                                                                                                    | ASTM E3047                                                                                           |
| 45   | CHEMICAL- METALS & ALLOYS | Nickel Base & Alloys         | Silicon                                                                                                    | ASTM E3047                                                                                           |
| 46   | CHEMICAL- METALS & ALLOYS | Nickel Base & Alloys         | Sulphur                                                                                                    | ASTM E3047                                                                                           |
| 47   | CHEMICAL- METALS & ALLOYS | Nickel base & Alloys         | Titanium                                                                                                   | ASTM E3047                                                                                           |
| 48   | CHEMICAL- METALS & ALLOYS | Nickel Base & Alloys         | Tungsten                                                                                                   | ASTM E3047                                                                                           |
| 49   | CHEMICAL- METALS & ALLOYS | Nickel Base & Alloys         | Vanadium                                                                                                   | ASTM E3047                                                                                           |
| 50   | CHEMICAL- METALS & ALLOYS | Stainless steel              | Carbon                                                                                                     | IS 9879: 1998                                                                                        |
| 51   | CHEMICAL- METALS & ALLOYS | Stainless Steel              | Carbon                                                                                                     | JIS G1253                                                                                            |
| 52   | CHEMICAL- METALS & ALLOYS | Stainless Steel              | Copper                                                                                                     | JIS G1253                                                                                            |
| 53   | CHEMICAL- METALS & ALLOYS | Stainless steel              | Manganese                                                                                                  | JIS G1253                                                                                            |
| 54   | CHEMICAL- METALS & ALLOYS | Stainless Steel              | Molybdenum                                                                                                 | JIS G1253                                                                                            |
| 55   | CHEMICAL- METALS & ALLOYS | Stainless Steel              | Niobium                                                                                                    | JIS G1253                                                                                            |
| 56   | CHEMICAL- METALS & ALLOYS | Stainless Steel              | Phosphorus                                                                                                 | JIS G1253                                                                                            |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SOHM ANALYTICAL SERVICES (I) PVT.LTD., B-39, GROUND FLOOR, PLOT NO. J7, J8 & J9,  
KOHINOOR COMPLEX, MIDC TALOJA, NAVI MUMBAI PANVEL, RAIGAD, MAHARASHTRA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-12946

**Page No**

24 of 26

**Validity**

17/01/2024 to 16/01/2026

**Last Amended on**

-

| S.No | Discipline / Group             | Materials or Products tested                                           | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|--------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 57   | CHEMICAL- METALS & ALLOYS      | Stainless Steel                                                        | Silicon                                                                                                    | JIS G1253                                                                                            |
| 58   | CHEMICAL- METALS & ALLOYS      | Stainless Steel                                                        | Sulphur                                                                                                    | JIS G1253                                                                                            |
| 59   | CHEMICAL- METALS & ALLOYS      | Stainless Steel                                                        | Titanium                                                                                                   | JIS G1253                                                                                            |
| 60   | CHEMICAL- METALS & ALLOYS      | Stainless Steel                                                        | Tungsten                                                                                                   | JIS G1253                                                                                            |
| 61   | MECHANICAL- METALLOGRAPHY TEST | Case Hardened Steel                                                    | Determination of case Depth, microscopic Method in steel.                                                  | IS 6416                                                                                              |
| 62   | MECHANICAL- METALLOGRAPHY TEST | Cast Iron Products                                                     | Microstructure of Graphite Cast iron Nodularity in SG iron                                                 | ASTM A247                                                                                            |
| 63   | MECHANICAL- METALLOGRAPHY TEST | Duplex Stainless steel                                                 | Detection of Detrimental Intermetallic phases Method A                                                     | ASTM A923                                                                                            |
| 64   | MECHANICAL- METALLOGRAPHY TEST | Duplex Stainless Steel, Stainless Steel, Ferrous Metals and Its Alloys | Sulphide Stress Cracking & Stress Corrosion Cracking - Method A,B,C                                        | NACE TM0177                                                                                          |
| 65   | MECHANICAL- METALLOGRAPHY TEST | Ferritic, Austenite & Duplex Steel and Related Alloys                  | Ferric Chloride pitting test (Method A)                                                                    | ASTM G48-11                                                                                          |
| 66   | MECHANICAL- METALLOGRAPHY TEST | Ferritic, Austenite & Duplex Steel and Related Alloys                  | Ferric Chloride crevice test (Method B)                                                                    | ASTM G48-11                                                                                          |
| 67   | MECHANICAL- METALLOGRAPHY TEST | Ferrous Alloys & products                                              | Microstructure Examination, Average grain Size                                                             | ASTM E112-13 (RA)                                                                                    |
| 68   | MECHANICAL- METALLOGRAPHY TEST | Ferrous Alloys & Welded Joints                                         | Macro Examination                                                                                          | IS 11371                                                                                             |
| 69   | MECHANICAL- METALLOGRAPHY TEST | Ferrous Alloys                                                         | Inclusion Rating Method A & D                                                                              | ASTM E45                                                                                             |
| 70   | MECHANICAL- METALLOGRAPHY TEST | Ferrous Alloys                                                         | Inclusion Rating Method A & D                                                                              | IS 4163                                                                                              |
| 71   | MECHANICAL- METALLOGRAPHY TEST | Ferrous material ,alloys & products                                    | Microstructure Examination, Average grain Size                                                             | ASM Handbook Volume 9                                                                                |
| 72   | MECHANICAL- METALLOGRAPHY TEST | Ferrous materials & Alloys                                             | Ferrite Content Test (By Metallography) Ferrite Content Test (Ferritescope method )                        | ASTM A800                                                                                            |
| 73   | MECHANICAL- METALLOGRAPHY TEST | Ferrous Metal & Alloys (Pipes & Pressure vessel Steels)                | Hydrogen Induced Cracking                                                                                  | NACE TM 0284                                                                                         |
| 74   | MECHANICAL- METALLOGRAPHY TEST | Ferrous Metal & Alloys (Pipes & Pressure vessel Steels)                | Hydrogen Induced Cracking                                                                                  | NACE TM 0284                                                                                         |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SOHM ANALYTICAL SERVICES (I) PVT.LTD., B-39, GROUND FLOOR, PLOT NO. J7, J8 & J9,  
KOHINOOR COMPLEX, MIDC TALOJA, NAVI MUMBAI PANVEL, RAIGAD, MAHARASHTRA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-12946

**Page No**

25 of 26

**Validity**

17/01/2024 to 16/01/2026

**Last Amended on**

-

| S.No | Discipline / Group            | Materials or Products tested                                                | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|-------------------------------|-----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 75   | MECHANICAL-METALLOGRAPHY TEST | Ferrous Metal & Alloys (Pipes & Pressure vessel Steels)                     | Hydrogen Induced Cracking                                                                                  | NACE TM 0284                                                                                         |
| 76   | MECHANICAL-METALLOGRAPHY TEST | Ferrous Metals & Alloys                                                     | Ferrite Content Test (By Metallography)                                                                    | ASTM E-562                                                                                           |
| 77   | MECHANICAL-METALLOGRAPHY TEST | Ferrous Metals & Alloys                                                     | Ferrite Content Test (Ferritoscope method )                                                                | ASTM A800                                                                                            |
| 78   | MECHANICAL-METALLOGRAPHY TEST | Ferrous Metals & Alloys (Tubes & Tube Sheets)                               | Macro etch Test (Minimum Leak Path & Leg Length                                                            | AWS D1.1                                                                                             |
| 79   | MECHANICAL-METALLOGRAPHY TEST | Ferrous Metals, Alloys& Welded Joints                                       | Macro Examination                                                                                          | ASME Sec IX                                                                                          |
| 80   | MECHANICAL-METALLOGRAPHY TEST | Ferrous Metals, Alloys& Welded Joints                                       | Macro Examination                                                                                          | ASTM E340                                                                                            |
| 81   | MECHANICAL-METALLOGRAPHY TEST | Ferrous Metals, Alloys& Welded Joints                                       | Macro Examination                                                                                          | ASTM E381                                                                                            |
| 82   | MECHANICAL-METALLOGRAPHY TEST | Metallic / Non Metallic Coatings on ferrous, aluminum, copper base material | Thickness of Coating (Microscopic Method)                                                                  | ASTM B487                                                                                            |
| 83   | MECHANICAL-METALLOGRAPHY TEST | Nickel base and chromium bearing alloy                                      | Critical pitting temperature test (Method C)                                                               | ASTM G48-11                                                                                          |
| 84   | MECHANICAL-METALLOGRAPHY TEST | Nickel Rich Chromium Bearing Alloys                                         | IGC - Method A                                                                                             | ASTM G28                                                                                             |
| 85   | MECHANICAL-METALLOGRAPHY TEST | No-Ferrous metals,alloys & welded joints                                    | Macro Examination                                                                                          | IS 11371                                                                                             |
| 86   | MECHANICAL-METALLOGRAPHY TEST | Non Ferrous Alloys                                                          | Microstructure Examination, Average grain Size                                                             | ASM Handbook Volume 9                                                                                |
| 87   | MECHANICAL-METALLOGRAPHY TEST | Non Ferrous Alloys                                                          | Microstructure Examination, Average grain Size                                                             | ASTM E112-13                                                                                         |
| 88   | MECHANICAL-METALLOGRAPHY TEST | Non Ferrous Metals, Alloys                                                  | Micro Examination                                                                                          | ASTM E112-13 (RA)                                                                                    |
| 89   | MECHANICAL-METALLOGRAPHY TEST | Non Ferrous Metals, Alloys                                                  | Microstructure Examination, Average grain Size                                                             | ASM Handbook Volume 9                                                                                |
| 90   | MECHANICAL-METALLOGRAPHY TEST | Non Ferrous Metals, Alloys& Welded Joints                                   | Macro Examination                                                                                          | ASME Sec IX                                                                                          |
| 91   | MECHANICAL-METALLOGRAPHY TEST | Non Ferrous Metals, Alloys& Welded Joints                                   | Macro Examination                                                                                          | ASTM E340                                                                                            |
| 92   | MECHANICAL-METALLOGRAPHY TEST | Non Ferrous Metals, Alloys& Welded Joints                                   | Macro Examination                                                                                          | ASTM E381                                                                                            |
| 93   | MECHANICAL-METALLOGRAPHY TEST | Non Ferrous Metals, Alloys& Welded Joints                                   | Macro Examination                                                                                          | BS EN ISO 17639                                                                                      |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

SOHM ANALYTICAL SERVICES (I) PVT.LTD., B-39, GROUND FLOOR, PLOT NO. J7, J8 & J9,  
KOHINOOR COMPLEX, MIDC TALOJA, NAVI MUMBAI PANVEL, RAIGAD, MAHARASHTRA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-12946

**Page No**

26 of 26

**Validity**

17/01/2024 to 16/01/2026

**Last Amended on**

-

| S.No | Discipline / Group            | Materials or Products tested              | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|-------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 94   | MECHANICAL-METALLOGRAPHY TEST | Non Ferrous Metals, Alloys& Welded Joints | Macro Examination                                                                                          | BS EN ISO 17639                                                                                      |
| 95   | MECHANICAL-METALLOGRAPHY TEST | Non Ferrous Metals, Alloys& Welded Joints | Macro Examination                                                                                          | ASTM E340                                                                                            |
| 96   | MECHANICAL-METALLOGRAPHY TEST | Non Ferrous Metals, Alloys& Welded Joints | Macro Examination                                                                                          | ASTM E381                                                                                            |
| 97   | MECHANICAL-METALLOGRAPHY TEST | Steel Products                            | Determination of depth Of decarburized layer in Steel.                                                     | ASTM E1077-14                                                                                        |
| 98   | MECHANICAL-METALLOGRAPHY TEST | Welded Products                           | Macro Examination                                                                                          | ASME Sec IX                                                                                          |
| 99   | MECHANICAL-METALLOGRAPHY TEST | Welded Products                           | Macro Examination                                                                                          | ASTM E340                                                                                            |
| 100  | MECHANICAL-METALLOGRAPHY TEST | Welded Products                           | Macro Examination                                                                                          | BS EN ISO 17639                                                                                      |