# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** TOUCHSTONE LABS, 9-82, SS ENCLAVE, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

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

**Certificate Number** TC-8689 **Page No** 1 of 3

**Validity** 04/01/2022 to 03/01/2024 **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 | MECHANICAL- BUILDINGS MATERIALS | Building Bricks-Burnt Clay Clay Fly Ash Bricks, Pulverized Fuel Ash - Lime Bricks | Dimensions (Height) | IS : 1077 |
| 2 | MECHANICAL- BUILDINGS MATERIALS | Building Bricks-Burnt Clay Clay Fly Ash Bricks, Pulverized Fuel Ash - Lime Bricks | Dimensions (Length) | IS : 1077 |
| 3 | MECHANICAL- BUILDINGS MATERIALS | Building Bricks-Burnt Clay Clay Fly Ash Bricks, Pulverized Fuel Ash -Lime Bricks | Dimensions (Width) | IS : 1077 |
| 4 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregate | Bulkdensity | IS : 2386 (Part 3) |
| 5 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregate | Crushing Value | IS : 2386 (Part 4) |
| 6 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregate | Elongation Index | IS : 2386 (part 1) |
| 7 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregate | Flakiness Index | IS : 2386(part 1) |
| 8 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregate | Impact Value | IS : 2386 (part - 4) |
| 9 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregate | Material Finer than 75 Micron IS Sieve | IS 2386 (part 1) |
| 10 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregate | Sieve Analysis (4.75 to 63 mm) | IS : 2386(part 1) |
| 11 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregate | Specific Gravity | IS : 2386 (part 3) |
| 12 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregate | Ten Percent Fines Value | IS : 2386(part 4) |
| 13 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregate | Water absorption | IS 2386 (part 3) |
| 14 | MECHANICAL- BUILDINGS MATERIALS | Common Burnt Clay,Lime / Fly ash Bricks | Compressive Strength | IS 3495(part 1) |
| 15 | MECHANICAL- BUILDINGS MATERIALS | Common Burnt Clay,Lime / Fly ash Bricks | Efforescence | IS 3495 (part 3) |
| 16 | MECHANICAL- BUILDINGS MATERIALS | Common Burnt Clay,Lime / Fly ash Bricks | Water absorption | IS : 3495(part 2) |
| 17 | MECHANICAL- BUILDINGS MATERIALS | Concrete Paving Blocks | Abrasion Resistance | IS : 15658 |
| 18 | MECHANICAL- BUILDINGS MATERIALS | Concrete Paving Blocks | Compressive Strength | IS : 15658 |

# SCOPE OF ACCREDITATION

**Laboratory Name :** TOUCHSTONE LABS, 9-82, SS ENCLAVE, VISAKHAPATNAM, ANDHRA PRADESH, INDIA
**Accreditation Standard** ISO/IEC 17025:2017
**Certificate Number** TC-8689 **Page No** 2 of 3
**Validity** 04/01/2022 to 03/01/2024 **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 | MECHANICAL- BUILDINGS MATERIALS | Concrete Paving Blocks | Dimensions | IS : 15658 |
| 20 | MECHANICAL- BUILDINGS MATERIALS | Concrete Paving Blocks | Visual Inspection | IS : 15658 |
| 21 | MECHANICAL- BUILDINGS MATERIALS | Concrete Paving Blocks | Water Absorption | IS : 15658 |
| 22 | MECHANICAL- BUILDINGS MATERIALS | Fine Aggregate | Bulk Density | IS 2386(part 3) |
| 23 | MECHANICAL- BUILDINGS MATERIALS | Fine Aggregate | Material fine than 75 micron IS sieve | IS 2386(part 1) |
| 24 | MECHANICAL- BUILDINGS MATERIALS | Fine Aggregate | Sieve Analysis(0.075 to 10 mm) | IS : 2386 (part 1) |
| 25 | MECHANICAL- BUILDINGS MATERIALS | Fine Aggregate | Specific Gravity | IS : 2386 (part 3) |
| 26 | MECHANICAL- BUILDINGS MATERIALS | Fine Aggregate | Water Absorption | IS : 2386(part 3) |
| 27 | MECHANICAL- BUILDINGS MATERIALS | Hardened Concrete Cubes & Cores | Compressive Strength | IS :516 |
| 28 | MECHANICAL- BUILDINGS MATERIALS | Hollow & Solid Concrete Block | Dimensions (Height) | IS 2185 (Part 1) |
| 29 | MECHANICAL- BUILDINGS MATERIALS | Hollow & Solid Concrete Block | Dimensions (Width) | IS:2185 (Part 1) |
| 30 | MECHANICAL- BUILDINGS MATERIALS | Hollow & Solid Concrete Blocks | Compressive Strength | IS: 2185 (Part 1) |
| 31 | MECHANICAL- BUILDINGS MATERIALS | Hollow & Solid Concrete Blocks | Dimensions (Length) | IS : 2185 (Part 1) |
| 32 | MECHANICAL- BUILDINGS MATERIALS | Hollow & Solid Concrete Blocks | Water Absorption | IS : 2185 (Part 1) |
| 33 | MECHANICAL- MECHANICAL PROPERTIES OF METALS | High strength deformed bars / Structural steel | Bend test (Mandrels in mm - 16,20,24,3,32, 36,40,48,50,56, 60,64,70,72,75, 80,84,96,100,112, 120,125,128,140, 150,160,,168,175, 192,196,200,224,256) | IS: 1599 |
| 34 | MECHANICAL- MECHANICAL PROPERTIES OF METALS | High Strength deformed bars / Structural steel | Elongation | IS 1608 (Part 1) |

# SCOPE OF ACCREDITATION

**Laboratory Name :** TOUCHSTONE LABS, 9-82, SS ENCLAVE, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

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

**Certificate Number** TC-8689 **Page No** 3 of 3

**Validity** 04/01/2022 to 03/01/2024 **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 |
|---|---|---|---|---|
| 35 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | High Strength deformed bars / Structural steel | Mass per meter | IS:1786 |
| 36 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | High strength deformed bars / Structural steel | Re - bend test (Mandrels in mm - 32,40,48,50,56,60,70,72,84,96, 108,112,120,140,144,150,168, 175,180,192,196,224,225,252, 288) | IS : 1786 |
| 37 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | High Strength deformed bars / Structural steel | Tensile Strength | IS 1608 (Part 1) |
| 38 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | High Strength deformed bars / Structural steel | Yield Stress | IS: 1608 (Part 1) |