



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name ROKS CIVIL TECHNOCRATS PRIVATE LIMITED, NO 23-15-40/1A3, OPP. MAHILA UNIVERSITY, TIRUPATI, CHITTUR, ANDHRA PRADESH , INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8531 Page No. : 1 / 2

Validity 04/06/2019 to 03/06/2021 Last Amended on -

| S.No                      | Discipline / Group             | Product / Material of Test | Specific Test Performed  | Test Method Specification against which tests are performed | Range of Testing/ Limits of Detection        |
|---------------------------|--------------------------------|----------------------------|--------------------------|---|--|
| <b>Permanent Facility</b> |                                |                            |                          |   |  |
| 1                         | MECHANICAL-BUILDINGS MATERIALS | Blocks                     | Compressive Strength     | IS 2185(Part 1) : 2010                                      | 1 N/mm <sup>2</sup> to 20 N/mm <sup>2</sup>  |
| 2                         | MECHANICAL-BUILDINGS MATERIALS | Bricks                     | Compressive Strength     | IS 3495(Part 1) : 2011                                      | 1 N/mm <sup>2</sup> to 10 N/mm <sup>2</sup>  |
| 3                         | MECHANICAL-BUILDINGS MATERIALS | Core                       | Compressive Strength     | IS 516 : 2013   | 10 N/mm <sup>2</sup> to 80 N/mm <sup>2</sup> |
| 4                         | MECHANICAL-BUILDINGS MATERIALS | Cube                       | Compressive Strength     | IS 516 : 2013   | 10 N/mm <sup>2</sup> to 80 N/mm <sup>2</sup> |
| 5                         | MECHANICAL-BUILDINGS MATERIALS | Fine                       | Sieve Analysis           | IS 2386 (Part 1) : 2016                                     | 0.1 % to 100 %                               |
| 6                         | MECHANICAL-BUILDINGS MATERIALS | Fine                       | Specific Gravity         | IS 2386 (Part 3) : 2016                                     | 1.5 to 4                                     |
| 7                         | MECHANICAL-BUILDINGS MATERIALS | Fine                       | Water Absorption         | IS 2386 (Part 3) : 2016                                     | 0.1 % to 10 %                                |
| 8                         | MECHANICAL- SOIL AND ROCK      | Soil                       | Heavy Compaction ( MDD ) | IS 2720 (Part 8) : 2015                                     | 1 g/cc to 2.6 g/cc                           |
| 9                         | MECHANICAL- SOIL AND ROCK      | Soil                       | Heavy Compaction ( OMC)  | IS 2720 (Part 8) : 2015                                     | 5 % to 40 %                                  |
| 10                        | MECHANICAL- SOIL AND ROCK      | Soil                       | Light compaction ( MDD)  | IS 2720 (Part 7) : 2011                                     | 1 g/cc to 2.5 g/cc                           |



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| 11   | MECHANICAL- SOIL AND ROCK | Soil                       | Light Compaction ( OMC) | IS 2720 (Part 7 ) : 2011                                    | 5 % to 40 %                           |
| 12   | MECHANICAL- SOIL AND ROCK | Soil                       | Liquid Limit            | IS 2720 (Part 5) : 2015                                     | 25 % to 80 %                          |
| 13   | MECHANICAL- SOIL AND ROCK | Soil                       | Moisture Content        | IS 2720 (Part 2 ) : 2015                                    | 5 % to 20 %                           |
| 14   | MECHANICAL- SOIL AND ROCK | Soil                       | Plastic Limit           | IS 2720 (Part 5) : 2015                                     | 5 % to 50 %                           |
| 15   | MECHANICAL- SOIL AND ROCK | Soils                      | Free swell Index        | IS 2720 (Part 40 ) : 2011                                   | 10 % to 100 %                         |