



INTERNATIONAL
ACCREDITATION
SERVICE®

CERTIFICATE OF ACCREDITATION

This is to attest that

ADVANCED CONSTRUCTION TECHNOLOGY SERVICES LLC

NORTH AL BATINAH GOVERNORATE
SOHAR, 111, OMAN

Testing Laboratory TL-1049

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date September 20, 2024



International Accreditation Service
Issued under the authority of IAS management

Visit www.iasonline.org for current accreditation information.

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

ADVANCED CONSTRUCTION TECHNOLOGY SERVICES LLC

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Accredited to ISO/IEC 17025:2017

Effective Date September 20, 2024

Aggregates	
ASTM C29/C29M	Standard Test Method for Bulk Density ("Unit Weight") and Voids in Aggregate
ASTM C40	Standard test method for Impurities in Fine Aggregate in Concrete
ASTM C88/C88-18	Standard Test Method for Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate
ASTM C117/C117M	Standard Test Method for Materials Finer than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing
ASTM C123	Standard test method for Lightweight Particles in Aggregate
ASTM C127	Standard test method for density, relative density (specific gravity), and absorption of coarse aggregate
ASTM C128	Standard test method for density, relative density (specific gravity), and absorption of fine aggregate
ASTM C131/C131M	Standard test method for resistance to degradation of small-size coarse aggregate by abrasion and impact in the Los Angeles machine
ASTM C136/C136M	Standard test method for sieve analysis of fine and coarse aggregates
ASTM C142/C142M	Standard test method for clay lumps and friable particles in aggregates
ASTM C566	Standard Test Method for Total Evaporable Moisture Content of Aggregate by Drying
ASTM C1252	Standard Test Methods for Uncompacted Void Content of Fine Aggregate (as Influenced by Particle Shape, Surface Texture, and Grading)
ASTM D75/D75M	Standard Practice for Sampling Aggregates
ASTM D2419	Standard Practice for Sampling Aggregates
ASTM D4318-17	Standard test method for Liquid Limit, Plastic Limit and Plasticity Index of Soils
ASTM D4791	Standard Test Method for Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggrega

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ASTM D5821	Standard Test Method for Determining the Percentage of Fractured Particles in Coarse Aggregate.
BS 812-110	Methods for Determination of Aggregate Crushing Value
BS 812-112	Methods for Determination of Aggregate Impact Value (AIV)
BE EN 933-1	Tests for geometrical properties of aggregates Part 1: Determination of particle size distribution - Sieving method
BS EN 933-3	Tests for geometrical properties of aggregates Part 3: Determination of particle shape - Flakiness index
BS EN 933-7	Tests for geometrical properties of aggregates - Part 7: Determination of shell content Percentage of shells in coarse aggregates

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