



INTERNATIONAL
ACCREDITATION
SERVICE®



SCOPE OF ACCREDITATION

IAS Accreditation Number	TL-730
Company Name	HGL – Al Ahsa Geotechnical Office Construction Materials Testing Laboratory
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Effective Date of Scope	November 22, 2016
Accreditation Standard	ISO/IEC 17025:2005

CMT

ASTM C29/C29M AASHTO T19	Standard test method for bulk density ("unit weight") and voids in aggregate
ASTM C31/C31M AASHTO T23 ASTM C39/C39M	Standard practice for making and curing concrete test specimens in the field Standard test method for compressive strength of cylindrical concrete specimens
ASTM C40/C40M	Standard test method for organic impurities in fine aggregates for concrete
ASTM C42/C42M AASHTO T24	Standard test method for obtaining and testing drilled core s and sawed beams of concrete
ASTM C88 AASHTO T104	Standard test method for soundness of aggregates by use of sodium sulfate or magnesium sulfate
ASTM C109/C109M	Standard test method for compressive strength of hydraulic cement mortars (using 2-in. or [50-mm] cube specimens)
ASTM C117 AASHTO T11	Standard test method for materials finer than 75- μ m (no. 200) sieve in mineral aggregates by washing
ASTM C127 AASHTO T85	Standard test method for relative density (specific gravity) and absorption of coarse aggregate
ASTM C128 AASHTO T84	Standard test method for relative density (specific gravity) and absorption of fine aggregate
ASTM C131/C131M AASHTO T96	Standard test method for resistance to degradation of small-size coarse aggregate by abrasion and impact in the Los Angeles machine



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ASTM C142/C142M AASHTO T112	Standard test method for clay lumps and friable particles in aggregates
ASTM C143/C143M AASHTO T119/119M	Standard test method for slump of hydraulic-cement concrete
ASTM C136/C136M AASHTO T27	Standard test method for sieve analysis of fine and coarse aggregates
ASTM C172/C172M	Standard practice for sampling freshly mixed concrete
ASTM C231/C231M	Standard test method for air content of freshly mixed concrete by the pressure method
ASTM C805/C805M	Standard test method for rebound number of hardened concrete
ASTM C1064/C1064M AASHTO T309	Standard test method for temperature of freshly mixed hydraulic cement concrete
ASTM D422 AASHTO T21	Test method for particle-size analysis of soils
ASTM C535	Standard test method for resistance to degradation of small-size coarse aggregate by abrasion and impact in the Los Angeles machine
ASTM D698 AASHTO T99	Standard test methods for laboratory compaction of soil standard effort
ASTM D854 AASHTO T100	Standard test methods for specific gravity of soil solids by water pycnometer
ASTM D1140	Standard Test methods for determining the amount of material finer than 75- μ m (No. 200) sieve in soils by washing
ASTM D1556/D1556M AASHTO T191	Standard test method for density and unit weight of soil in place by sand-cone method
ASTM D1557 AASHTO T180	Standard test methods for laboratory compaction characteristics of soil using modified effort (56,000 ft-lbf/ft ³ (2,700 kN-m/m ³))
ASTM D1883 AASHTO T193	Standard test method for California bearing ratio (CBR) of laboratory compacted soils
ASTM D2041/D2041M AASHTO T209	Standard test method for theoretical maximum specific gravity and density of bituminous paving mixtures
ASTM D2172/D2172M AASHTO T164	Standard test methods for quantitative extraction of bitumen from bituminous paving mixtures
ASTM D2216 AASHTO T265	Standard test methods for lab determination of water content of soil
ASTM D2419	Standard test method for sand equivalent value of soils and fine



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AASHTO T176	aggregate
ASTM D2726/D2726M AASHTOT166	Standard test method for bulk specific gravity and density of non absorptive compacted bituminous mixtures
ASTM D2950/D2950M	Standard test method for density of bituminous concrete in place by nuclear methods
ASTM D2995	Standard practice for estimating application rate and residual application rate of bituminous distributors
ASTM D4253	Standard test methods for maximum index density and unit weight of soils using a vibratory table
ASTM D4254	Standard test methods for minimum index density and unit weight of soils and calculation of relative density
ASTM D4318 AASHTO T89 AASHTO T90	Standard test methods for liquid limit, plastic limit, and plasticity index of soils
ASTM D4791	Standard test method for resistance to degradation of large-size coarse aggregate by abrasion and impact in the Los Angeles machine
ASTM D5444	Standard test method for mechanical size analysis of extracted aggregate
ASTM D5821	Standard test method for determining the percentage of fractured particles in coarse aggregate
ASTM D6926	Standard practice for preparation of bituminous specimens using Marshall apparatus
ASTM D6927 AASHTO T245	Standard test method for Marshall stability and flow of asphalt mixtures
ASTM D6938	Standard test methods for in-place density and water content of soil and soil-aggregate by nuclear methods (shallow depth)