



INTERNATIONAL
ACCREDITATION
SERVICE®

CERTIFICATE OF ACCREDITATION

This is to attest

UNITED GULF CONSTRUCTION CO. W.L.L.

BLOCK 4, PLOT 219
AMGHARA INDUSTRIAL AREA, 23495, KUWAIT

Testing Laboratory TL-1470

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 August 10, 2026



International Accreditation Service
Issued under the authority of IAS management

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SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 101, Brea, California 92821, U.S.A. | www.iasonline.org

UNITED GULF CONSTRUCTION CO. W.L.L.

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Accredited to ISO/IEC 17025:2017

Effective Date August 10, 2026

FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Physical Testing	Asphalt-Bitumen Tests	Multiple Stress Creep Recovery (MSCR)	AASHTO T 350 Multiple Stress Creep Recovery (MSCR) Test of Asphalt Binder, after Rolling Thin Film Oven Residue (RTFO), Using a Dynamic Shear Rheometer (DSR) Device
		Dynamic Shear Rheometer (DSR)	AASHTO T 315 Determining the Rheological Properties of Asphalt Binder. Using a Dynamic Shear Rheometer (DSR) Device
		Pressurized Aging Vessel (PAV)	ASTM D6521 Accelerated Aging of Asphalt Binder, after Rolling Thin Film Oven Residue (RTFO), Using a Pressurized Aging Vessel (PAV) Device
		Bending Beam Rheometer (BBR)	ASTM D6648 Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)
		Penetration	ASTM D5/D5M Penetration of Bituminous Materials (Grade 60 – 70)
	Aggregate Tests (Coarse Aggregate and Fine Aggregate)	Sieve Analysis	ASTM C136/C136M Sieve Analysis of Fine and Coarse Aggregates
		Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	ASTM D4791 Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate
		Soundness	ASTM C88/C88M



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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Physical Testing (continued)	Aggregate Tests (Coarse Aggregate and Fine Aggregate) (continued)		Soundness of Coarse Aggregates by Use of Sodium Sulfate or Magnesium Sulfate
			ASTM C88/C88M Soundness of Fine Aggregates by Use of Sodium Sulfate or Magnesium Sulfate
		Relative Density (Specific Gravity), Absorption of Coarse and Fine Aggregate	ASTM C127 Relative Density (Specific Gravity) and Absorption of Coarse Aggregate
			ASTM C128 Relative Density (Specific Gravity) and Absorption of Fine Aggregate
		Sand Equivalent	ASTM D2419 Sand Equivalent Value of Soils and Fine Aggregate
	Asphalt HMA- Asphalt Mixtures	Theoretical Maximum Specific Gravity (GMM)	ASTM D2041/D2041M Theoretical Maximum Specific Gravity and Density of Bituminous Paving Mixtures
		Preparation of Asphalt Mixture Specimens	ASTM D6926-16 Preparation of Asphalt Mixture Specimens Using Marshall Apparatus
		Resistance to Plastic Flow of Bituminous Mixtures	ASTM D5581 Resistance to Plastic Flow of Bituminous Mixtures Using Marshall Apparatus (6 Inch-Diameter Specimen)
		Bulk Specific Gravity and Density of Non-Absorptive Compacted Asphalt Mixtures (GMB)	ASTM D2726/D2726M Bulk Specific Gravity and Density of Non-Absorptive Compacted Asphalt Mixtures
		Quantitative Extraction of Asphalt Binder	ASTM D2172/D2172M Quantitative Extraction of Asphalt Binder from Asphalt Mixtures
		Indirect Tensile (IDT)	ASTM D6931 Indirect Tensile (IDT) Strength of Asphalt Mixtures
		Resistance of Compacted Asphalt Mixtures to Moisture-Induced Damage	AASHTO T 283



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Physical Testing (continued)	Asphalt HMA- Asphalt Mixtures (continued)		Resistance of Compacted Asphalt Mixtures to Moisture- Induced Damage
		Hamburg- Wheel-Track Testing	ASHTO T 324 HAMBURG Wheel-Track Testing of Compacted Asphalt Mixtures
		Asphalt mix designs Marshall and Superpave methods	METHOD MS-2 7th Edition, QCS 2014 Sec.06, part 05, Asphalt Works

