



INTERNATIONAL
ACCREDITATION
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CERTIFICATE OF ACCREDITATION

This is to attest

AL KHARAFI CONSTRUCTION CO. K.S.C.C

BLOCK 2, PLOT 3, KHARAFI CENTRAL LAB
AMGHARA INDUSTRIAL AREA, KUWAIT

Testing Laboratory TL-1442

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 July 2, 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

AL KHARAFI CONSTRUCTION CO. K.S.C.C

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Accredited to ISO/IEC 17025:2017

Effective Date July 2, 2026

FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Geotechnical	Bitumen	Aging of Asphalt Binder	ASTM D6521 Standard Practice for Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel (PAV)
		Effect of Heat and Air on a Moving Film of Asphalt Binder	ASTM D2872 Standard Test Method for Effect of Heat and Air on a Moving Film of Asphalt Binder (Rolling Thin-Film Oven Test)
		Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)	AASHTO T315 Standard Method of Test for Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)
		Viscosity of Asphalt Binder Using Rotational Viscometer	AASHTO T316 Standard Method of Test for Viscosity Determination of Asphalt Binder Using Rotational Viscometer
		Softening Point of Bitumen	ASTM D36/D36M Standard Test Method for Softening Point of Bitumen (Ring-and Ball Apparatus)
		Flexural Creep Stiffness of Asphalt Binder	ASTM D6648 Standard Test Method for Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)
		Multiple Stress Creep and Recovery (MSCR) of Asphalt Binder Using a Dynamic Shear Rheometer	ASTM D7405 Standard Test Method for Multiple Stress Creep and Recovery (MSCR) of Asphalt

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Geotechnical (cont'd.)	Bitumen (cont'd.)		Binder Using a Dynamic Shear Rheometer
	Aggregate	Particle Size Distribution (Sieve Analysis) of Fine and Coarse Aggregates	ASTM C136 Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates
		Materials Finer than 75 μm (No.200) Sieve in mineral aggregates by Washing	ASTM C117 Standard Test Method for Materials Finer than (No.200) Sieve in mineral aggregates by Washing
		Relative Density (Specific Gravity) and Absorption of Coarse Aggregate	ASTM C127 Standard Test Method for Relative Density (Specific Gravity) and Absorption of Coarse Aggregate
		Relative Density (Specific Gravity) and Absorption of Fine Aggregate	ASTM C128 Standard Test Method for Relative Density (Specific Gravity) and Absorption of Fine Aggregate
	Asphalt	Sampling of Asphalt Mixtures	ASTM D979/D979M Standard Practice for Sampling Bituminous Paving Mixtures
		Asphalt Binder Content (Quantitative Extraction)	ASTM D2172 Standard Test Methods for Quantitative Extraction of Asphalt Binder from Asphalt Mixtures
		Preparation of Bituminous Specimens Using Marshall Apparatus	ASTM D6926 Standard Practice for Preparation of Asphalt Mixture Specimens Using Marshall Apparatus
		Particle Size Distribution (Gradation) of Extracted Aggregate	ASTM D5444 Standard Test Method for Mechanical Size Analysis of Extracted Aggregate
		Bulk Specific Gravity and Density	ASTM D2726 Standard Test Method for Bulk Specific Gravity and Density of Non-Absorptive Compacted Asphalt Mixtures
		Theoretical Maximum Specific Gravity and Density	ASTM D2041 Standard Test Method for Theoretical Maximum Specific

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
Geotechnical (cont'd.)	Asphalt (cont'd.)		Gravity and Density of Asphalt Mixtures
		Marshall Stability and Marshall Flow	ASTM D6927 Standard Test Method for Marshall Stability and Flow of Asphalt Mixtures

