



CERTIFICATE OF ACCREDITATION

This is to attest that

GBC GENERAL TRADING AND CONTRACTING COMPANY

GBC – CENTRAL LABORATORY, SULAIBIYA KABAD, LOT 34-36, BLOCK # 5
KUWAIT 2005, STATE OF KUWAIT

Testing Laboratory TL-946

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 January 6, 2023



A handwritten signature in black ink, reading "Raj Nathan".

President

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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

GBC GENERAL TRADING AND CONTRACTING COMPANY

www.gbc-kw.com

Contact Name Eng. Mohammed Khattab

Contact Phone +965 6766 6130

Accredited to ISO/IEC 17025:2017

Effective Date January 6, 2023

Aggregate	
ASTM C117	Standard Test Method for Materials Finer than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing
ASTM C127	Standard test method for density, relative density and absorption of coarse aggregate
ASTM C128	Standard test method for density, relative density and absorption of fine aggregate
ASTM C131	Standard test method for resistance to degradation of small size coarse aggregate by abrasion and impact in the Los Angeles machine
ASTM C136	Standard test method for sieve analysis of fine and coarse aggregates
ASTM C702	Standard Practice for Reducing Samples of Aggregate to Testing Size
ASTM C1252	Standard test method for Uncompacted Void Content of Fine Aggregate
ASTM D75	Standard Practice for Sampling Aggregates
ASTM D2419	Standard test method for sand equivalent value of soil and fine aggregate
ASTM D4791	Standard test method for flat particles, elongated particles, or flat and elongated particles in coarse aggregates
ASTM D5821	Standard test method for determining the percentage of fractured particles in coarse aggregate
Asphalt	
AASHTO R47	Reducing samples of hot mix asphalt to testing size
AASHTO T312	Standard method of test for preparing and determining density of hot mix asphalt specimens by means of the Superpave Gyrotory Compactor
ASTM D979	Standard Practice for Sampling Bituminous Paving Mixtures
ASTM D2041	Standard test method for theoretical maximum specific gravity and density of bituminous paving mixtures

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ASTM D2172	Standard test method for quantitative extraction of bitumen from bituminous paving mixtures
ASTM D2726	Standard test method for bulk specific gravity and density of non-absorptive compacted bituminous mixtures
ASTM D3203	Standard test method for percent air voids in compacted asphalt mixtures
ASTM D3549	Standard test method for thickness or height of compacted bituminous paving mixture specimens
ASTM D4867	Standard Test Method for Effect of Moisture on Asphalt Concrete Paving Mixtures
ASTM D5444	Standard test method for mechanical size analysis of extracted aggregate
ASTM D6926	Standard practice for preparation of bituminous specimens using Marshall apparatus
ASTM D6927	Standard test method for Marshall stability and flow of bituminous mixtures
ASTM D6931	Standard Test Method for Indirect Tensile (IDT) Strength of Asphalt Mixtures
Binder	
ASTM D5	Standard Test Method for Penetration of Bituminous Materials
ASTM D36	Standard Test Method for Softening Point of Bitumen (Ring-and-Ball Apparatus)
ASTM D140	Standard Practice for Sampling Asphalt Materials
ASTM D2872	Standard test method for effect of heat and air on a moving film of asphalt (RTFO)
ASTM D4402	Standard test method for viscosity determination of asphalt at elevated temp. using rotational viscometer
ASTM D7175	Standard test method for determination of the rheological properties of asphalt binder using a dynamic shear rheometer
ASTM D7405	Standard test method for multiple stress creep and recovery of asphalt using a dynamic shear rheometer