



INTERNATIONAL
ACCREDITATION
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CERTIFICATE OF ACCREDITATION

This is to attest that

SAECO ANALYTICAL LABORATORY

DAMMAM 2ND INDUSTRIAL AREA, P. O.BOX:3613
AL KHOBAR 31952, SAUDI ARABIA

Testing Laboratory TL-916

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 December 3, 2024



International Accreditation Service
Issued under the authority of IAS management

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SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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SAECO ANALYTICAL LABORATORY

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Accredited to ISO/IEC 17025:2017

Effective Date December 3, 2024

ASTM D445	Standard test method for kinematic viscosity of transparent and opaque liquids (and calculation of dynamic viscosity)
ASTM D924	Standard test method for dissipation factor (or power factor) and relative permittivity (dielectric constant) of electrical insulating liquids
ASTM D971	Standard test method for interfacial tension of oil against water by the ring method
ASTM D1533	Standard test method for water in insulating liquids by coulometric Karl Fischer titration
ASTM D1816	Standard test method for dielectric breakdown voltage of insulating liquids using VDE electrodes
ASTM D3612	Standard test method for analysis of gases dissolved in electrical insulating oil by gas chromatography
IEC 60156	Insulating liquids- determination of the breakdown voltage at power frequency – test method
IEC 60247	Insulating liquids- measurement of relative permittivity, dielectric dissipation factor (tan d) and DC resistivity
IEC 60567	Oil-filled electrical equipment- sampling of gases and of oil for analysis of free and dissolved gases- guidance
IEC 60666	Detection and determination of specified additives in mineral insulating oils
IEC 61198	Mineral insulating oils- methods for the determination of 2- furfural and related compounds
IEC 62021-1	Insulating liquids- determination of acidity- part 1: automatic potentiometric titration.
IEC 62697-1	Test method for quantitative determination of Dibenzylidene disulfide (DBDS)

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