



INTERNATIONAL
ACCREDITATION
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CERTIFICATE OF ACCREDITATION

This is to attest that

**NATIONAL GRID (SA)
MAINTENANCE SERVICES DEPARTMENT
LABORATORIES SUPPORT AND OPERATION DIVISION
CENTRAL LABORATORIES – JEDDAH**

7715 AL MADARES, AL BAGHDADIYAH ASH SHARQIYAH, SHARAFIYA
JEDDAH, 22241, SAUDI ARABIA
Testing Laboratory TL-1308

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 21, 2025



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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NATIONAL GRID (SA) MAINTENANCE SERVICES DEPARTMENT LABORATORIES SUPPORT AND OPERATION DIVISION CENTRAL LABORATORIES – JEDDAH

<https://www.se.com.sa>

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Accredited to ISO/IEC 17025:2017

Effective Date January 21, 2025

Chemical	
ASTM D664	Standard test method for acid number of petroleum products by potentiometric titration
ASTM D971	Standard test Method for Interfacial Tension of oil against water by the Ring Method
ASTM D1500	Standard test method for ASTM color of Petroleum products
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 GC (Method C)
ASTM D5837	Standard test method for Furanic compound in electrical insulating liquids by HPLC
IEC 60247	Insulating liquids – Measurement of relative permittivity, dielectric dissipation factor (tan d) and D. C. resistivity (Clause 12)

TL-1308

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LABORATORIES SUPPORT AND OPERATION DIVISION, CENTRAL
LABORATORIES - JEDDAH

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Page 2 of 2

IAS/TL/100-1

