



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT SAUDI ARABIA COMPANY LIMITED
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MECHANICAL

Valid To: February 28, 2025

Certificate Number: 5669.12

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on plain carbon and low alloy steels:

Test(s):	Test Method(s):
Vickers (HV5 and HV10)	BS EN ISO 6507-1; ASTM E92
Charpy impact (77 K to ambient)	ASTM E23; ASTM A370
Tensile at ambient temperature (forces up to 2000 kN)	BS EN ISO 6892-1; ASTM E8/E8M, ASTM A370; API 5L
Rockwell Hardness	ASTM E18
Brinell Hardness	ASTM E10
Micro Vicker's Harness	ATM E384
Bend	ASTM A615/A615M
Tensile	ASTM A370, A615/A615M
Grain size	ASTM E112
Volume fraction	ASTM E562
Ferrite by Ferritescope	AWS A4.2
Production and Evaluation of Field Metallographic Replicas	ASTM E1351
Weldments: Bend, Fillet Weld Fracture and Nick Break, Hardness, Impact, Tensile and Macrostructure and Microstructure in accordance with specific welding codes	ISO 5173; BS EN ISO 9017, BS EN ISO 9015-1, BS EN ISO 4136, BS EN ISO 5178, BS EN ISO 17639; BS 4515-1, BS 4515-2; BS EN ISO 15614-1, BS EN ISO 15614-2, BS EN 287-1; BS EN ISO 9606-1, BS EN ISO 9606-2; ASME BPVC IX; API 1104; AWS D1.1/D1.1M

Test(s):	Test Method(s):
Corrosion Tests: Susceptibility to Inter-granular Corrosion	ASTM A262 Practices A, B and E, ASTM G28
Pitting and Crevice Corrosion	ASTM G48 Method A
Corrosion Coupon Cleaning	ASTM G1
Shear Test	ASTM A265-12
Clad Bond Strength Test	ASTM A265-12 (2019)
Ring Flattening test	API 5LD; ASTM A999; ASTM A370
Detection of detrimental Intermetallic phases in Duplex Stainless Steels	ASTM A923 Method C





Accredited Laboratory

A2LA has accredited

ELEMENT SAUDI ARABIA COMPANY LIMITED

Dammam, Saudi Arabia

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 13th day of April 2023.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5669.12
Valid to February 28, 2025

For the tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.