SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT SAUDI ARABIA COMPANY LIMITED
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MECHANICAL

Valid To: February 28, 2027 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 stainless steels, nickel alloys, plain carbon and low alloy steels:

Test(s):	**Test Method(s):**
Hardness Tests: Vickers Hardness (HV5 and HV10) Micro Vickers Hardness (HV 0.5) Rockwell Hardness (HRB, HRC) Brinell Hardness (BHN 2.5/187.5)	 ASTM E92; BS EN ISO 6507-1 ASTM E384 ASTM E18 ASTM E10
Macro Examination Macro Etch Tests for Weldments	ASME BPVC Sec. IX; AWS D1.1; API 1104
Fillet Fracture Test (Weldment)	ASME BPVC Sec. IX; AWS D1.1
Nick Break Test (Weldment)	API 1104
Bend Test (Weldment)	ASME BPVC Sec. IX; AWS D1.1; API 1104
Bend Test (Rebar)	ASTM A615/A615M
Charpy Impact Test (-196 Deg. C to Ambient)	ASTM E23; ASTM A370
Tensile Test for Weldments	API 1104; ASME BPVC Sec. IX; AWS D1.1
Tensile Test	API 5L; ASTM A370, ASTM E8/E8M, ASTM A615/615M; BS EN ISO 6892-1

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Test(s):	Test Method(s):
Shear Test (Weldment)	ASTM A265
Clad Bond Strength Test (Weldment)	ASTM A265
Ring Flattening Test	API 5LD; ASTM A999, ASTM A370
Micro Examinations: Grain Size Determination (Comparison Method) Detecting Susceptibility to Intergranular Corrosion Volume Fraction by Systematic Manual Point Count	 ASTM E112 ASTM A262 (Practice A) ASTM E562
Ferrite Number determination by Ferrite scope	AWS A4.2
Corrosion Tests: Detection of Susceptibility to Intergranular Corrosion Detection of Detrimental Intermetallic Phases Detection of Pitting & Crevice Corrosion Resistance Corrosion Coupon Cleaning	 ASTM A262 (Practice B & E), ASTM G28 (Practice A) ASTM A923 (Method C) ASTM G48 (Method A) ASTM G1

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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 19th day of March 2025.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5669.12
Valid to February 28, 2027

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

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