



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT MATERIALS TECHNOLOGY ME LIMITED LLC

Building No. 2507

Way No. 6033, Block No. 260

Muscat, Oman

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MECHANICAL

Valid To: February 28, 2023

Certificate Number: 5669.06

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

<u>Test:</u>	<u>Test Method(s):</u>
<u>Corrosion:</u>	
Susceptibility to Intergranular attack	ASTM G28 Method A; ASTM A262 Practice E
Pitting Resistance	ASTM G48 Method A & C
<u>Mechanical:</u>	
Bend	BS EN ISO 7438
Vickers (HV5 and HV10)	BS EN ISO 6507-1; ASTM E92
Charpy Impact including Expansion Shear (77K to ambient)	BS EN ISO 148-1; ASTM E23; ASTM A370
Tensile at Ambient Temperature (Up to 1000 kN)	BS EN ISO 6892-1; ASTM E8/E8M; ASTM A370; API 5L
Phase Volume Fraction	ASTM E562
Determination of Ferrite Content using Fischer Feritscope MP30	EMT-M-OP-MET-MD022
Bend (Reinforcement Bar)	BS 4449:1988 (Withdrawn) ¹ ; ASTM A615/A615M
Rebend (Reinforcement Bar)	BS 4449:1997 (Withdrawn) ¹ ; BS 4449; BS EN ISO 15630-1
Tensile (Reinforcement Bar)	BS 4449:1997 (Withdrawn) ¹ ; BS 4449; BS EN ISO 15630-1 ASTM A615/A615M

<u>Test:</u>	<u>Test Method(s):</u>
<u>Mechanical (continued):</u>	
Tensile (Steel Strand)	BS 5896; BS EN ISO 6892-1; ASTM A779/A779M; ASTM C1061; BS EN 15630-1
Loading - Manhole Tops Up to 1000 kN	BS EN 124-1
Welding: Bend, Fillet Weld Fracture and Nick Break, Hardness, Impact, Tensile, Macro 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; ISO 5817; BS EN ISO 9606-2; ASME IX; API 1104; AWS D1.1/D1.1M

¹ This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.



Accredited Laboratory

A2LA has accredited

ELEMENT MATERIALS TECHNOLOGY ME LIMITED LLC

Muscat, Oman

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 22nd day of February 2021.

A blue ink signature of the Vice President, Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5669.06
Valid to February 28, 2023

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