

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT CLEVELAND 5405 East Schaaf Road Cleveland, OH 44131

Andrew Kearns Phone: 440 243 3311 Andrew.Kearns@element.com

MECHANICAL

Valid To: September 30, 2024 Certificate Number: 0100.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following types of tests on <u>metals</u>, threaded fasteners, wire, tube, lifting gear, welded chain, wire rope and fittings, springs, and energy absorbing devices and products:

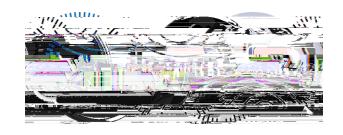
<u>Test</u>	Test Method(s)
Coatings, Conversions and Platings	ASTM B487, B748
Coating Thickness	EN ISO 1463; NASM 1312-12
Coating Weight	ASTM A90, A428, B137; MIL-DTL-16232
Conductivity	ASTM E1004
Hydrostatic Pressure Tests (0 to 40,000) psi	SOP 44.00 ¹
Mechanical Tests of Metals and Metal Products	
Bend	ASTM E190, E290; AWS B4.0, D1.1, D1.2, D1.5;
	DIN EN 910
Compression	SOP 39.50 ¹
Creep	ASTM E139

<u>Test</u>	Test Method(s)
Mechanical Tests of Metals and Metal Products cont'd	

Hydrogen Embrittlement

ASTM F606, F606M; NASM 1312-5, 1312-14;

Test	Test Method(s)
Metallography and Micrography of Ferrous and	Nonferrous Materials cont'd
Case & Core Hardness	ASTM F606/F606M; SAE J78, J429;
	NASM 1312-6
Case Depth	SAE J423
Corrosion Resistance	ASTM A262 (Methods A, C & E), A923 (Methods
	A & C), G48, G28 (Method A); AMS 5656;
	DIN 50914; EN ISO 3651, 6957
Decarburization	ASTM E1077, F835 F2328; FF-S-85;
	SAE J121(Withdrawn Jan 2013) ² , J419;
	GM 6104M; ISO 898-1,898-5
Delta Ferrite	AMS 2315; ASTM E562
Grain Size	ASTM E112, E930, E1181
Graphite Type and Distribution	ASTM A247
Macroscopic Preparation/Examination	ASTM A561, A604, E381, E340; AMS 2433;
	GM4460P
Specimen Preparation	ASTM E3, E407
Microcleanliness	ASTM E45 (Methods A & D), E766; DIN 50602;
	SAE J422
Photomicrography	ASTM E883
Surface Discontinuities	ASTM F788; SAE J122, J123, J1061
Surface Finish	ASME B46.1
Pneumatic Pressure Tests (0 to 6000) psi	SOP 44.00 ¹
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