



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

AGM CON-TEST
116 Viceroy Road
Building C, Units 11-12
Concord, Ontario, Canada L4K 2M3
Milo Banda Phone: 905 760 9322

MECHANICAL

Valid To: July 31, 2018

Certificate Number: 3029.01

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

Test	Test Method(s)
Mechanical Properties	
Tension (≤ 60 klbs)	ASTM E8/E8M
n-Value (Strain Hardening Exponent)	ASTM E646
r-Value (Plastic Strain Ratio)	ASTM E517
Young's Modulus (Tension and Compression)	ASTM E111
Charpy Impact (240 ft-lbs. max, room temperature to -80°C , -196°C)	ASTM A370, E23
Bend	ASTM A370, E190, E290
Hardness	
Rockwell (HRB, HRC, 15T, 15N, 30T, 30N, 45N, 45T)	ASTM A370, E18, F606; AP-200
Microhardness-Vickers (100-1000)gf	ASTM E92-82 (Withdrawn 2003) ¹ , E384, F606
Metallography	
Preparation of Samples	ASTM E3
Macroetching	ASTM E340, E381
Microetching	ASTM E407
Banding/Orientation of Microstructures	ASTM E1268
Grain Size	ASTM E112 (Comparison Method Only)
Inclusion	ASTM E45
Coating Weights	ASTM A90/A90M, A428/A428M
Circle Grid Analysis (Shrinkage)	SAE J863

Test	Test Method(s)
Fastener Testing	
Wedge and Axial Tensile	ASTM F606
Axial Proof Load (Internal and External Threads)	ASTM F606
Welder Qualifications/Weld Process Qualification	Using the methods listed above in accordance with ASME Section VIII, IX; AWS D17.1/D17.1M
Failure Analysis	Using the methods listed above in accordance with the ASM Handbook Volume 11

¹This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.

The laboratory is accredited for the test methods listed above. The accredited test methods are used along with the guidance documents and material specifications listed below; however, the inclusion of these guidance documents and material specifications on this Scope does not confer laboratory accreditation to the guidance documents and material specifications. Inclusion of these on this Scope also does not confer accreditation for every method embedded within them. Only the methods listed above on this Scope are accredited.

API 5CT; ASME QW-462.1; ASTM A463, A653, E6, E140





Accredited Laboratory

A2LA has accredited

AGM CON-TEST

Concord, CANADA

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *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 8 January 2009).



Presented this 4th day of November 2016.

A handwritten signature in black ink, written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 3029.01
Valid to July 31, 2018

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