



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

VELTEC LABORATORIES
12255 Universal
Taylor, MI 48180
Michael Hoggard Phone: 734 946 0440

MECHANICAL

Valid To: December 31, 2013

Certificate Number: 0248.01

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

Test

Test Method(s)

Tensile Testing (Flat Metal and Tubular Product) (UTM-Tensile, Yield, Elongation, r and n Values) Plastic Strain Ratio (r-Value) Work Hardening Exponent (n-Value) Bake Hardenable Weld Twit (Transverse Weld Integrity Test)	ASTM E8, A370 JIS Z2201, Z2241; ISO 6892-1 ASTM E517 ASTM E646 ASTM A1008 ASTM A139, A370
Rockwell Hardness Scales: HRB, HRC and HRF Superficial: HR 45T, HR 30T and HR 15T	ASTM E18, E140
Coating Weight (Aluminum on Steel) Coating Weight (Zinc on Steel) Double Olsen Coating Adhesion Olsen Cup Bend Test Mod-r Drawability Surface Roughness using a Profilometer (Taylor-Hobson)	ASTM A428/M ASTM A90/M Chrysler LP-461H-120 ASTM E643 ASTM E290 VEL-10 SAE J911; ASME B46.1
Sample Preparation Light Photomicrography Inclusion Content Micro Etching Grain Size Decarburization Failure Analysis	ASTM E3 ASTM E883 ASTM E45 (Method A); SAE J422 ASTM E407 ASTM E112 ASTM E1077; SAE J419 QAP 24

Chemical

Optical Emission Spectroscopy (Chemical Analysis) (Carbon and Low-Alloy Steels) (C, Mn, P, S, Si, Cu, Ni, Cr, Mo, V, Al, Nb, Ti, B, Ca)	ASTM E415
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World Class Accreditation

The American Association for Laboratory Accreditation

Accredited Laboratory

A2LA has accredited

VELTEC LABORATORIES

Taylor, MI

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 11th day of November 2011.





President & CEO

For the Accreditation Council
Certificate Number 0248.01
Valid to December 31, 2013

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