



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

BODYCOTE – NEWMARKET METALLURGICAL SERVICES
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MECHANICAL

Valid To: March 31, 2015

Certificate Number: 1232.01

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

<u>Test</u>	<u>Test Method(s)</u>
<u>Hardness</u>	
Rockwell (HRA, HRBW, HRC)	ASTM E18
Superficial (HR15N, HR30N, HR45N)	ASTM E18
Vickers Microhardness (100, 300, 500, 1000 gf)	ASTM E384; ISO 6507-1, -2
<u>Case Thickness</u>	
Case Depth	SAE J423 (Sections 5.2 and 6.3)
<u>Metallographic Evaluation</u>	
Preparation	ASTM E3
Banding/Orientation of Microstructures and General Microstructures	ASTM E1268; ASM Metals Handbook
Surface Discontinuities	SAE J1061 (<i>Superseded 2012</i>) ¹ ; ASTM F788; GM 6102M ²
Decarburization	ASTM E1077, F2328; SAE J121 (<i>Superseded 2013</i>) ¹ , J419
Microetching	ASTM E407

¹ This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.

² This material specification is not an accredited test and the inclusion of this material specification on this Scope does not confer laboratory accreditation to the material specification nor does it confer accreditation for the method(s) embedded within the specification. The accredited test methods listed on this scope are used in determining compliance with this material specification.



American Association for Laboratory Accreditation

Accredited Laboratory

A2LA has accredited

BODYCOTE - NEWMARKET METALLURGICAL SERVICES

Newmarket, Ontario, 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 18th day of April 2013.



President & CEO

For the Accreditation Council
Certificate Number 1232.01
Valid to March 31, 2015

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