



## TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

### Scope of Accreditation

Accredited Laboratory No. 398

**Legal Name of Accredited Laboratory:** Division d'IFASTGROUPE 2004 L.P.

Location Name or Operating as (if applicable): Laboratoire d'essais d'INFASCO

Contact Name: Baohong Cao

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<b>SCC File Number:</b>	15571
<b>Provider:</b>	BNQ-EL
<b>Provider File Number:</b>	27604-1
<b>Accreditation Standard(s):</b>	US Fastener Quality Act, Public Law 101-592 (as amended by PL 104-113), ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories
<b>Fields of Testing:</b>	Mechanical/Physical
<b>Program Specialty Area:</b>	Fasteners
<b>Initial Accreditation:</b>	2001-06-29
<b>Most Recent Accreditation:</b>	2021-01-28
<b>Accreditation Valid to:</b>	2025-06-29

*Remarque: La présente portée d'accréditation existe également en français, sous la forme d'un document distinct.*

*Note: This scope of accreditation is also available in French as a separately issued document.*



## **METALLIC ORES AND PRODUCTS**

### **Tools, Fasteners and Hardware**

ASME B1.2	Gages and Gaging for Unified Inch Screw Threads Only for: 4.1, 4.2, 4.10, 4.11, 4.16, 5.1, 5.2, 5.9, 5.11, 5.13, 5.16, 5.17, 5.19 and 5.25
ASME B1.3	Screw Thread Gaging Systems for Dimensional Acceptability: Inch and Metric Screw Threads (UN, UNR, UNJ, M and MJ) (System 21)
ASTM A325	Standard Specification for Structural Bolts, Steel, Heat Treated, 120/105 ksi minimum Tensile Strength [10.2 Rational Capacity Test]
ASTM A370	Standard Test Methods and Definitions for Mechanical Testing of Steel Products (only for Appendix 3)
ASTM B117	Standard Practice for Operating Salt Spray (Fog) Apparatus
ASTM B499	Standard Test Method for Measurement of Coating Thicknesses by the Magnetic Method: NonMagnetic Coatings on Magnetic Basis Metals
ASTM E18	Standard Test Methods for Rockwell Hardness of Metallic Materials
ASTM E376	Standard Practice for Measuring Coating Thickness by Magnetic-Field or Eddy-Current (Electromagnetic) Testing Methods
ASTM E384	Standard Test Method for Microindentation Hardness of Materials
ASTM E709	Standard Guide for Magnetic Particle Examination
ASTM F2328	Standard Test Method for Determining Decarburization and Carburization in Hardened and Tempered Threaded Steel Bolts, Screws and Studs
ASTM F3125	Standard Specification for High Strength Structural Bolts, Steel and Alloy Steel, Heat Treated Steel, 120 ksi (830 MPa) and 150 ksi (1040 MPa) Minimum Tensile Strength, Inch and Metric Dimensions
ASTM F606/F606M	Standard Test Methods for Determining the Mechanical Properties of Externally and Internally Threaded Fasteners, Washers, and Rivets (except 3.2.4 proof load method # 2, 3.6 tension testing of machined specimen and 7 hydrogen embrittlement)
ASTM F788/F788M	Standard Specification for Surface Discontinuities of Bolts, Screws, and Studs, Inch and Metric Series
ASTM F812/F812M	Standard Specification for Surface Discontinuities of Nuts, Inch and Metric Series
ISO 898-1	Mechanical properties of fasteners made of carbon steel and alloy steel - Part 1: Bolts, screws and studs
SAE/USCAR-8	Only for: sections 9.1, 9.2, 9.4, 9.6, 9.9, 9.10, 9.11 and 9.15 Grain Flow Pattern for Bolts and Screws

Number of Scope Listings: 17



**Notes:**

Details of the US Fastener Quality Act are available from the accredited laboratory contact noted above and the Standards Council of Canada

**ASME:** American Society of Mechanical Engineers

**ASTM:** ASTM International

**ISO/IEC 17025:2017:** General Requirements for the Competence of Testing and Calibration Laboratories

**ISO:** International Standardization Organization (Organisation internationale de normalisation)

**SAE:** Society of Automotive Engineers

This document forms part of the Certificate of Accreditation issued by the Standards Council of Canada (SCC). The original version is available in the Directory of Accredited Laboratories on the SCC website at [www.scc.ca](http://www.scc.ca).

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