

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200143-0

Ivaco Rolling Mills LP, Chemistry Laboratory
L'Orignal Ontario
Canada

is accredited by the *National Voluntary Laboratory Accreditation Program* for specific services,
listed on the *Scope of Accreditation*, for:

Fasteners and Metals

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

2018-03-09 through 2019-03-31

Effective Dates

A handwritten signature in black ink, appearing to read "Peter S. Luman".

For the National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

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FASTENERS AND METALS

NVLAP LAB CODE 200143-0

Chemical Analysis

Combustion analysis for carbon, sulfur, oxygen, nitrogen, and hydrogen

| <u>Code</u> | <u>Designation</u> | <u>Description</u> |
|-------------|--------------------|--|
| FA/455 | ASTM E1019 | Test Methods for Determination of Carbon, Sulfur, Nitrogen, and Oxygen in Steel and Iron, Nickel and Cobalt Alloys |

Optical emission spectrochemical analysis

| <u>Code</u> | <u>Designation</u> | <u>Description</u> |
|-------------|--------------------|---|
| FA/457 | ASTM E415 | Method for Optical Emission Vacuum Spectrometric Analysis of Carbon and Low-Alloy Steel |

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