



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc. has assessed the Laboratory of:

North Star BlueScope Steel
6767 County Road #9, Delta, OH 43515

(Hereinafter called the Organization) and hereby declares that Organization 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 (as outlined by the joint ISO-ILAC-IAF Communiqué dated April 2017):

Chemical and Tensile Testing of Steel
(As detailed in the supplement)

Accreditation claims for such testing and/or calibration services shall only be made from addresses referenced within this certificate. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation body's duty to observe and comply with the said rules.

For PJLA:

Tracy Szerszen
President/Operations Manager

Perry Johnson Laboratory
Accreditation, Inc. (PJLA)
755 W. Big Beaver, Suite 1325
Troy, Michigan 48084

Initial Accreditation Date:

December 12, 2004

Issue Date:

January 2, 2019

Expiration Date:

February 28, 2021

Accreditation No.:

59317

Certificate No.:

L19-8

The validity of this certificate is maintained through ongoing assessments based on a continuous accreditation cycle. The validity of this certificate should be confirmed through the PJLA website: www.pjllabs.com



Certificate of Accreditation: Supplement

North Star BlueScope Steel

6767 County Road #9, Delta, OH 43515

Contact Name: Tim Mitchell Phone: 419-822-2412

Accreditation is granted to the facility to perform the following testing:

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	RANGE (WHERE APPROPRIATE) AND DETECTION LIMIT
Chemical ^F	Liquid Steel Samples	Elemental Analysis by Optical Emission	ASTM E1806 ASTM E415 ASTM A751 (Spectroscopy)	± 0.000 1 % per element
Mechanical ^F	Sheet Steel Samples from Coil	Yield Strength, Tensile Strength, Elongation	ASTM A370 JIS Z 2201 JIS Z 2241	10 KSI 0.1 % Elongation
		Plastic and Elastic Deformation (Strain or n value)	ASTM A370 JIS Z 2201 JIS Z 2241	0.01 %

- The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location. Example: Outside Micrometer ^F would mean that the laboratory performs this testing at its fixed location.

