



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

REPUBLIC STEEL COMPANY  
Lorain Hot Rolled Bar Plant  
Chemical Laboratory  
1807 E. 28th Street  
Lorain, OH 44055  
James Lucas Phone: 440 277 2675

CHEMICAL

Valid To: October 31, 2013

Certificate Number: 0240.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following types of tests on plain carbon and low alloy steel:

Test:

Test Method(s):

Spectroscopy

Optical Emission (Steel)

C, Mn, P, S, Si, Cu, Ni, Cr, Mo, Sn, Al, V,

B, Ti, Cb, Co, Pb, As, Sb, W, Zr, Te, Ca, Bi, Se

ASTM E415; LBL 10129, LBL 10130

X-Ray Fluorescence (Steel)

Pb, Bi, Se, Zn, Te

ASTM E1085; LBL 10184, LBL 10188

Combustion Fusion Analysis

Steel & Iron: C, S, N, O

ASTM E1019; LBL 10158, LBL 10114



World Class Accreditation

The American Association for Laboratory Accreditation

# Accredited Laboratory

A2LA has accredited

## REPUBLIC STEEL COMPANY

*Lorain, OH*

for technical competence in the field of

### Chemical 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 18<sup>th</sup> day of October 2011.



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

President & CEO  
For the Accreditation Council  
Certificate Number 0240.01  
Valid to October 31, 2013

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