



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005  
& ANSI/NCSL Z540-1-1994

STURTEVANT RICHMONT DIVISION OF RYESON CORP.

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Carol Stream, IL 60188  
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CALIBRATION

Valid To: June 30, 2015

Certificate Number: 2036.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations<sup>1</sup>:

I. Mechanical

Parameter/Equipment	Range	CMC <sup>2,3</sup> (±)	Comments
Torque –			
Torque Wrench Digital	2.5 in-ozf to 24 000 in-lbf	0.33 % of IV	Calibrations performed using “in-house” procedures based on ASME, ISO and SAE methods with load cells and torque testers
Torque Wrench Beam – @ 20 % Test Point	2.5 in-ozf to 12 000 in-lbf	0.70 % of IV 0.87 % of IV	
Torque Wrench Dial	2.5 in-ozf to 24 000 in-lbf	0.66 % of IV	
Torque Wrench Clicker	2.5 in-ozf to 24 000 in-lbf	0.66 % of IV	
Torque Screwdriver	2.5 in-ozf to 40 in-lbf	0.8 % of IV	
Torque Testers	(2.5 to 25) in-ozf (26 to 80) in-ozf (5 to 300) in-lbf (301 to 24 000) in-lbf	0.064 % of IV 0.044 % of IV 0.026 % of IV 0.021 % of IV	Calibrations performed using “in-house” procedures based on ASME B107.300, ASTM E2624 and ASTM E2428 with dead weights and calibration arms

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<sup>1</sup> Commercial calibration service is sometimes available for this laboratory.

<sup>2</sup> Calibration and Measurement Capability (CMC) is the smallest uncertainty of measurement that a laboratory can achieve within its scope of accreditation when performing more or less routine calibrations of nearly ideal measurement standards or nearly ideal measuring equipment. Calibration and Measurement Capabilities represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually using a coverage factor of  $k = 2$ . The actual measurement uncertainty of a specific calibration performed by the laboratory may be greater than the CMC due to the behavior of the customer's device and to influences from the circumstances of the specific calibration.

<sup>3</sup> In the statement of CMC, IV represent the indicated value.

A handwritten signature in black ink, appearing to read "Peter M. Hays". The signature is fluid and cursive, with the first name "Peter" being more prominent than the last name "Hays".



American Association for Laboratory Accreditation

# *Accredited Laboratory*

A2LA has accredited

## **STURTEVANT RICHMONT DIVISION OF RYESON CORP.**

*Carol Stream, IL*

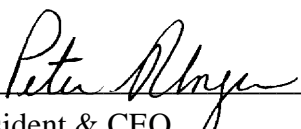
for technical competence in the field of

### **Calibration**

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 laboratory also meets the requirements of ANSI/NCSL Z540-1-1994 and any additional program requirements in the field of calibration. 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 12<sup>th</sup> day of August 2013.

  
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President & CEO  
For the Accreditation Council  
Certificate Number 2036.01  
Valid to June 30, 2015

*For the calibrations to which this accreditation applies, please refer to the laboratory's Calibration Scope of Accreditation.*