



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

TEC MATERIALS TESTING LABORATORY
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Knoxville, TN 37932-3294
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MECHANICAL

Valid To: February 28, 2018

Certificate Number: 1033.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on materials with long-range crystallinity:

Test Technology

Test Methods

Electropolishing for Subsurface Analysis of Residual Stress
And Retained Austenite

LP 321*

X-ray Diffraction (XRD)

Residual Stress Measurement and Analysis

ASTM E915, E2860;
SAE HS784

Retained Austenite Measurement and Analysis
(Ferrous Materials)

ASTM E975;
SAE SP-453

* TEC internal sample preparation practice.

This laboratory meets A2LA R104 – *General Requirements: Accreditation of Field Testing and Field Calibration Laboratories* for all tests above.



Accredited Laboratory

A2LA has accredited

TEC MATERIALS TESTING LABORATORY

Knoxville, TN

for technical competence in the field of

Mechanical 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 31st day of March 2016.

A handwritten signature in blue ink, appearing to read "J. C. Burt".

Senior Director of Quality & Communications
For the Accreditation Council
Certificate Number 1033.01
Valid to February 28, 2018

For the tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.