



# American Association for Laboratory Accreditation

## SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

### TEC MATERIALS TESTING LABORATORY

10737 Lexington Drive  
Knoxville, TN 37932-3294  
Brad Day Phone: 865 966 5856

### MECHANICAL

Valid To: February 28, 2010

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, SAE HS784

Retained Austenite Measurement and Analysis (ferrous materials)

ASTM E975, SAE SP-453

\* TEC internal sample preparation practice.

This laboratory offers field-testing. All of the above testing is performed in the field, as well as in the laboratory, both of which are covered by A2LA accreditation.

