



THE AMERICAN ASSOCIATION FOR
LABORATORY ACCREDITATION

ACCREDITED LABORATORY

A2LA has accredited

**UNITED STATES STEEL AUTOMOTIVE CENTER
LABORATORY**
Troy, MI

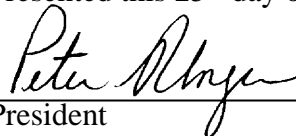
for technical competence in the field of

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 18 June 2005*).



Presented this 25th day of March 2008.



President
For the Accreditation Council
Certificate Number 1909.01
Valid to March 31, 2010

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

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

UNITED STATES STEEL
AUTOMOTIVE CENTER LABORATORY
5850 New King Court
Troy, MI 48098
Ming F. Shi Phone: 248 267 2610

MECHANICAL

Valid To: March 31, 2010

Certificate Number: 1909.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on automotive components and metals and alloys:

<u>Test</u>	<u>Test Methods</u>
Physical Properties:	
Hardness (Rockwell C, B, N, T)	ASTM E18
Tensile	ASTM A370, E8; JIS 2241; EN 10002
Strain Aging/Bake Hardenability	MTL-005
R-value	ASTM E517
Surface Roughness	SAE J911
Metallographic Evaluation:	
Preparation	ASTM E3
Microetch	ASTM E407
Microhardness (Vickers)	ASTM E384, E92
% Iron Determination	MET-011
Coating Weight (Gravimetric)	ASTM A90; MET-010
Determining the Inclusion Content of Steel	ASTM E45
Determining Average Grain Size (Optical)	ASTM E112
Measurement of Thickness of Metallic Coatings by Measurement of Cross Section with a Scanning Electron Microscope	ASTM B748; MET-013
Formability/Mechanical Evaluations:	
Dent Testing	MTL-013
LDH Test	MTL-015
Bending Under Tension	MTL-022
Draw Bead Simulator	MTL-021
Stretch Dome Test	MTL-011
Strain Reading using Automated Digitized System	MTL-017