



The American Association for Laboratory Accreditation

# Accredited Laboratory

A2LA has accredited

## CLARK LABORATORIES, LLC

*Jefferson Hills, PA*

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 19<sup>th</sup> day of December 2011.



*Peter May*  
President & CEO

For the Accreditation Council  
Certificate Number 1337.01  
Valid to December 31, 2013

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



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

CLARK LABORATORIES, LLC  
1801 Route 51 South  
Jefferson Hills, PA 15025  
Gary Felicetti 412 387-1001 x159

CHEMICAL

Valid To: December 31, 2013

Certificate Number: 1337.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following chemical tests:

TEST TECHNOLOGY

TEST METHOD (\*)

Chromatography

Ion chromatography anions (Fluoride, Chloride, Nitrate, Phosphate, Sulfate, Bromide, Nitrite) in aqueous solutions

EPA 300.1

Combustion

Surface Carbon on sheet steel  
Carbon, Sulfur, Nitrogen and Oxygen in steel  
Low Carbon in steel (0.0005-0.02%)

13-012  
ASTM E1019  
15-003

Spectroscopy

Optical Emission stainless steel (Cr, Cu, Mn, Ni, P, Si)  
Optical Emission plain Carbon steel (Cr, Cu, Mn, Mo, Ni, P, Si)  
X-ray Diffraction - Qualitative Analysis  
Inductively Coupled Plasma analysis of steel (Al, Cr, Cu, Mn, Mo, Ni, P, Si, Ti, V)  
Fe fines / Fe soaps (By ICP)

ASTM E1086  
ASTM E415  
13-017  
20-005  
14-016; 13-003

Wet Chemistry

Gravimetric

Oil film weight / % oil / Fe fines / Fe soaps  
Hot Dipped galvanized coating weight  
Galvalume coating weight  
Fe fines / Fe soaps (sample prep)

14-016  
ASTM A90/ A90M  
ASTM A90/ A90M  
14-016

Titrimetric

Zn in Zinc / Iron plating solution  
Cr (+3) and (+6) in TFS plating solution  
Chloride in Zinc or Zinc plating solution  
Forms of Iron in reduced Iron ores and concentrates

14-069  
14-068  
14-070  
14-017

(\*) = Methods not identified with either an "EPA" or "ASTM" designation are Clark's internal methods.