



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

CLARK LABORATORIES, LLC
1801 Route 51 South
Jefferson Hills, PA 15025
Michael Peters 412 387 1627

CHEMICAL

Valid To: December 31, 2019

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 on metals:

TEST TECHNOLOGY

TEST METHOD (*)

Combustion

Carbon, Nitrogen, Oxygen and Sulfur in Steel

ASTM E1019

Spectroscopy

Sulfur by UV Fluorescence

ASTM D5453 / 11-025

Elements in Stainless Steel by Optical Emission
Cr, Cu, Mn, Ni, P, Si

ASTM E1086 / 13-021

Elements in Plain Carbon Steel by Optical Emission
Cr, Cu, Mn, Mo, Ni, P, Si

ASTM E415 / 13-008

Elemental Oxides by W/D X-ray Fluorescence

13-010

Elements in Oil by W/D X-ray Fluorescence

ASTM D6443 / 10-003
ASTM D2622 / 10-004
ASTM D4927 / 10-005

Wet Chemistry (Titrimetric)

Forms of Iron in Reduced Iron Ores and Agglomerates

14-017

Other

Viscosity @ 40°C or 100°C

ASTM D445 / 0107

Flash Point by Cleveland Open Cup

ASTM D92 / 1440

Flash Point by Pensky-Martens

ASTM D93 / 1420

Vapor Pressure

ASTM D5191 / 7605

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

(A2LA Cert. No. 1337.01) 01/08/2018

 Page 1 of 1



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 8th day of January 2018.

A handwritten signature in black ink, written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 1337.01
Valid to December 31, 2019

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