



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT MATERIALS TECHNOLOGY DETROIT – WIXOM  
51229 Century Court  
Wixom, MI 48393-2074  
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CHEMICAL

Valid To: May 31, 2021

Certificate Number: 0388.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on metals, ores, slags, and other metal-related substances, consumer products, computer components, and metal fasteners:

<u>Test Technology</u>	<u>Test Method(s)</u>
Cleanliness	ISO 4405, 4406 ,4407; ISO 16232-2, 3, 4, 6,7, 8, 9,10; VDA Verband 19
Combustion (Leco C, S, N, O)	ASTM E1019, E1409, E1941
Inductively Coupled Plasma Spectroscopy (ICP) (Ag, Al, As, B, Be, Co, Cr, Cu, Fe, Mg, Mn, Mo, Nb, Ni, P, Pb, Sb, Si, Sn, Sr, Ta, Ti, V, W, Zn, Zr)	ASTM E1479, E1097; SOP CH-IO-006
Optical Emission Spectroscopy - Glow Discharge Spectroscopy (GDS-OES) (Al, As, B, Be, Bi, C, Ca, Cd, Ce, Cr, Co, Cu, Fe, Ga, La, Mg, Mn, Mo, N, Na, Nb, Ni, O, P, Pb, S, Sb, Se, Si, Sn, Sr, Ta, Ti, V, W, Y, Zn, Zr)	ISO 19272, ISO 16962; ASTM E2994; SOP CH-IO-002
Wet Chemistry Electrolytic (Cu)	ASTM E53, E75 (Sections 12 to 15) (withdrawn 2010) <sup>1</sup> , E76 (Sections 9 to 13) (withdrawn 2003) <sup>1</sup>

SOP – Element Wixom Standard Operating Procedures available upon request

<sup>1</sup>NOTE: This laboratory’s scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered “historical” and not that the laboratory’s accreditation for the method has been withdrawn.



## *Accredited Laboratory*

A2LA has accredited

# **ELEMENT MATERIALS TECHNOLOGY DETROIT – WIXOM**

*Wixom, MI*

for technical competence in the field of

## **Chemical Testing**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets the requirements of any additional program requirements in the «field» field. 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 April 2017*).



Presented this 3<sup>rd</sup> day of October 2019.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 0388.02  
Valid to May 31, 2021

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