

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT CLEVELAND  
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CHEMICAL

Valid To: September 30, 20

Certificate Number: 0100.02

In recognition of the successful completion of the A2LA evaluation process demonstrating compliance to R223 – Specific Requirements GE Aviation S-400 Accreditation Program, accreditation is granted to this laboratory to perform the following tests on metals

Test

Test Method(s)

Combustion Analysis (C, S)

Low Alloy Steel Base Alloys, Stainless Steel Base Alloys ASTM E1019,E1941,SOP 10.04

Ni Base Alloys, Co Base Alloys, Ti Base Alloys

Exclusions: S in Ti Base, S in Co Base

Inert Gas Fusion (N, O)

Test

Test Method(s)

Optical Emission / ICP continued

Co Base Alloys  
(Al, Cr, Cu, Fe, Mn, Mo, Nb, Ni, P, Si, Ti, V, W)

ASTM D1976, E1479, SOP 10.30  
SOP 10.24

CB Base Alloys; EMC /P <</MCID 38 -(C)-584A  
(Al, Be, Co, Cr, Fe, Mn, Ni, P, Pb, Si, Sn, Zn)

ASTM D1976, E1479, SOP 10.30  
SOP 10.23

Ti Base Alloys  
(Al, Cr, Cu, Fe, Mn, Mo, Ni, Si, Sn, V, Zr)

ASTM D1976, E1479, E2371,  
SOP 10.30, SOP 10.25

# Accredited Laboratory

A2LA has accredited

## ELEMENT CLEVELAND

Cleveland , OH

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 R223 – Specific Requirements – GE Aviation S -400 Accreditation Program. 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 24<sup>th</sup> day of August 2022.

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Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council