

SCOPE OF ACCREDITATION TO ISO/IEC 17025:20

ELEMENT MATERIALS TECHNOLOGY DALEVILLE
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CHEMICAL

Valid To: August 31, 2024

Certificate Number: 0174.01

In recognition of the successful completion of the A2LA evaluation process, demonstrating compliance to R223 – Specific Requirements GE Aviation S400 Accreditation Program, accreditation is granted to this laboratory to perform the following tests on materials, metals and fasteners:

Test(s):

Test Method(s)

Spectroscopy

ICP- (Ag, Al, Ar, As, Au, B, Ba, Be, Bi, C, Ca, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, Fe, Ga, Gd, Ge, Hf, Hg, Ho, I, In, Ir, K, La, Li, Lu, Mg, Mn, Mo, N, Na, Nb, Nd, Ni, Os, P, Pb, Pd, Pr, Pt, R, Re, Rh, Ru, S, Sb, Sc, Se, Si, Sm, Sn, Sr, Ta, Tb, Te, Th, Ti, Tl, Tm, U, V, W, Y, Yb, Zn, Zr) ASTM E1479, E2594, E2371; CTP3101^{1,2}

Atomic Absorption- Graphite Furnace (Ag, Al, As, Au, B, Ba, Be, Bi, Ca, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, Fe, Ga, Gd, Ge, Hf, Hg, Ho, In, Ir, K, La, Li, Lu, Mg, Mn, Mo, Na, Nb, Nd, Ni, Os, P, Pb, Pd, Pt, Rb, Re, Rh, Ru, S, Sb, Sc, Se, Si, Sm, Sn, Sr, Ta, Tb, Te, Th, Ti, Tl, Tm, U, V, W, Y, Yb, Zn, Zr) ASTM E1184; CTP3096²

Optical Emission (Al, As, B, Be, Bi, C, Cd, Ce, Co, Cr, Cu, Fe, Ga, Gd, Ge, Hf, Hg, Ho, In, Ir, K, La, Li, Lu, Mg, Mn, Mo, N, Nb, Ni, P, Pb, S, Sb, Si, Sn, Ta, Te, V, W, Y, Zn, Zr) ASTM E415, E1086, E1251; CTP3094²

DCP- (Ag, Al, As, Au, B, Ba, Be, Bi, Ca, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, Fe, Ga, Gd, Ge, Hf, Hg, Ho, In, Ir, K, La, Li, Mg, I, Mo, Na, Nb, Nd, Ni, P, Pb, Pd, Pr, Pt, Re, Rh, Ru, S, Sb, Se, Si, Sm, Sn, Sr, Ta, Te, Th, Ti, Tl, Tm, U, V, W, Y, Yb, Zn, Zr) ASTM E1097; CTP3003²

X-ray Analysis- (Ag, Al, As, B, Ba, Be, Bi, Co, Cr, Cu, Fe, Ga, Hf, La, Mg, Mn, Mo, Nb, Ni, P, Pb, Rh, Ru, S, Si, Sn, Sr, Ta, Te, V, W, Y, Zn, Zr) ASTM E322, E539, E572, E1085, E1621; CTP3093²

Accredited Laboratory

A2LA has accredited

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Daleville, IN

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 11th