



## *Accredited Laboratory*

# ELEMENT HUNTINGTON BEACH

*Huntington Beach, CA*

*General requirements for the competence of testing and calibration laboratories*



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



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT HUNTINGTON BEACH  
15062 Bolsa Chica Street  
Huntington Beach, CA 92649  
Jennifer Kent Phone: 714 892 1961

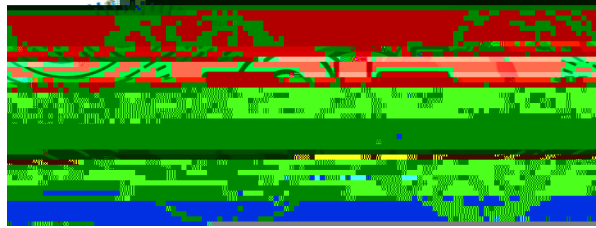
CHEMICAL

Valid To: May 31, 2024

Certificate Number: 0093.01

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

<u>Test(s):</u>	<u>Test Method(s):</u>
Combustion (LECO) Analysis for Carbon &	



# Accredited Laboratory

A2LA has accredited

## ELEMENT HUNTINGTON BEACH

Huntington Beach, CA

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



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Test(s):

Test Method(s):



Test(s):

Corrosion Testing (continued)  
Intergranular Corrosion Susceptibility

Salt Spray (Fog)

Test Method(s):

ASTM A262, Practices A and E

ASTM B117; ISO 9227; MIL-STD-810,  
MIL-STD-1312-1; NASM 1312-1



*Am*

Test(s):

Weld & Braze Testing, Procedure  
Qualification and Performance Qualification  
Bend

Test Method(s):

API 1104, API 5L, API 650; ASTM A488, ASTM E190;  
AWS B2.1, AWS B4.0, AWS D1.1, AWS D1.2,  
AWS D1.3, AWS D1.5, AWS D1.6, AWS D1.9,  
AWS D14.1, AWS D15.1, AWS D17.1, AWS D18.1;  
ASME BPVC SEC IX, ASME B31.1, ASME B31.3; CGA  
C-3; ISO 5173, ISO 9606, ISO 15614; JIS-B-8625;  
NAVSEA S9074-AQ-GIB-010/248

Bend Break

AWS B2.1, AWS D1.1, AWS D1.6, AWS D4.0,  
AWS D17.1; CGA C-3

Hardness

API 5L, API 5CT, API 650; ASME BPVC SEC IX;  
AWS D15.2; ISO 1514, ISO 9015, ISO 15156;  
JIS-B-8625; NAVSEA S9074-AQ-GIB-010/248

Impact<sup>1</sup>

API 1104, API 5L, API 5CT, API 650, API 620;  
ASME BPVC SEC IX; ASME BPVC SEC III-DIV 1,  
ASME BPVC SEC VIII-DIV 1, ASME B31.1,  
ASME B31.3; ASTM A488; AWS B4.0, AWS D1.1,  
AWS D1.5, AWS D14.1; AWS D15.1; ISO 148-1,  
ISO 9016, ISO 15614; JIS-B-8625;  
NAVSEA S9074-AQ-GIB-010/248

Post-Weld Heat Treat

ASME BPVC SEC II-DIV 1, ASME BPVC SEC VIII-  
DIV 1, ASME BPVC SEC IX, ASME B31.1,  
ASME B31.3; AWS D1.1, AWS D1.5; JIS-B-8625

Tension Test

AMS 2680, AMS 2694; API 1104, API 5L, API 5CT,  
API 650; ASME BPVC SEC IX, ASME B31.1,  
ASME B31.3, ASTM A488; AWS B2.1, AWS B2.2,  
AWS B4.0, AWS D1.1, AWS D1.2, AWS D1.4,  
AWS D1.5, AWS D1.6, AWS D1.9, AWS D14.1,  
AWS D15.1, AWS D17.1, AWS D18.1; CGA C-3;  
ISO 4136, ISO 15614; JIS-B-8625;  
NAVSEA S9074-AW-GIB-010/248

Weld Chem Ferrite Number

ASME BPVC SEC III-DIV 1, ASME BPVC  
SEC VIII-DIV 1; AWS D1.6

Weld Macro

API 1104, API 5L, API 650; ASME BPVC SEC IX;  
ASTM A488, ASTM E190; AWS B2.1, AWS B4.0, AWS  
D1.1, AWS D1.2, AWS D1.3, AWS D1.5, AWS D1.6,  
AWS D1.9, AWS D14.1, AWS D15.1, AWS D15.2, AWS  
D17.1, AWS D18.1; CGA C-3; ISO 15614, ISO 17639;  
JIS-B-8625;  
NAVSEA S9074-AW-GIB-010/248





Test(s):

Weld & Braze Testing, Procedure

Test Method(s):

