



## *Accredited Laboratory*

### **ELEMENT HUNTINGTON BEACH**

*Huntington Beach, CA*

refer to



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SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT HUNTINGTON BEACH  
15062 Bolsa Chicahua  
Huntington Beach, CA 92649  
Jennifer Kent



## Accredited Laboratory



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*For the types of tests to which this accreditation applies, please refer to the laboratory's Mechanical 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

MECHANICAL

Valid To: May 31, 2026

Certificate Number: 0093.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory at the location listed above, as well as the satellite location listed below, to perform the following types of metals tests:

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**Test(s):**

**Test Method(s):**

**Additive Manufacturing Testing**

Apparent Density  
Flow Rate  
Gas Pycnometry  
Particle Size Distribution – Sieve Analysis  
Particle Size Distribution – Light Scattering

ASTM B212, ASTM B329  
ASTM B213  
ASTM B923  
ASTM B214

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Bend Test

ASTM A615/A615M, ASTM E290

Charpy V-Notch Impact

ASTM A370, ASTM E23; EN 10045-1;  
JIS B1051; ISO 148-1

Compression Strength

ASTM E9

Electrical Conductivity

ASTM B193, ASTM E1004; MIL-STD-1537

Elevated Temperature Tensile

ASTM E21; EN 2002-2

Izod Pendulum Impact Resistance

ASTM A370, ASTM E23

Magnetic Permeability Using a Low-Permeability Indicator

ASTM A342/A342M; MIL-I-17214

Modulus (Young's, Tangent, Chord)

ASTM E111

Poisson's Ratio

ASTM E132

Pin-Type Bearing

ASTM E238

**Test**



**Test(s):**

Vickers (1 to 30) kg

**Corrosion Testing**

Alternate Immersion Stress Corrosion

Copper Sulfate

Exfoliation Corrosion

Humidity Testing

Intergranular Corrosion Susceptibility

Salt Spray (Fog)

**Fastener Testing**

Axial Tensile Strength

Coating Thickness of Fasteners –  
Microscopical Method

Cone Proof of Internally Threaded Fasteners

Double Shear

Drive

Elevated Temperature Tensile

Free Height/Compression/Flattening

Hardness – Rockwell (A, B, C, E, F, 15N, 30N,  
45N, 15T, 30T, 45T)

High Cycle Fatigue (HCF)

Humidity Testing

Hydrogen Embrittlement (Stress Durability)

**Test Method(s):**

ASTM E92

ASTM G38, ASTM G44, ASTM G47,  
ASTM G49

ASTM A380; MIL-STD-753 (Method 102)

ASTM G34

AMS-QQ-P-35; ASTM D2247; MIL-STD-753,  
MIL-STD-810

ASTM A262, Practices A and E

ASTM B117; ISO 9227; MIL-STD-810

ASTM A370, ASTM F606/F606M; ISO 898-1,  
ISO 6892; JIS B1051; MIL-STD-1312-8;  
NASM 1312-8; SAE J82, SAE J429; SAE J1054

MIL-STD-1312-12; NASM 1312-12

ASTM A962/A962M, ASTM F606/F606M,  
ASTM F812/F812M; IFI 533; SAE J122

ASME 18.8.2, ASTM B565; MIL-STD-1312-13;  
NASM 1312-13

ASME B18.6.3; SAE J81, SAE J933

MIL-STD-1312-18; NAS3350; NASM 1312-18,  
NASM 25027

FF-W-84, FF-W-100; ASME B18.21.1

ASTM A370, ASTM E18, ASTM F606/F606M;  
ISO 898-1, ISO 3738-1; MIL-STD-1312-6;  
NASM 1312-6; SAE J1199

MIL-STD-1312-11; NAM 1312-111; NASM

<sup>1312 11</sup>  
MIL-STD-1312-3; NASM 1312-3

AMS-QQ-P-416; ASTM F519,







**Test(s):**

**Non-Destructive Testing**

Magnetic Particle Inspection  
(Wet Fluorescent)

Penetrant (Water Washable Fluorescent)

**Test Method(s):**

ASTM E1444; MIL-STD-1949, MIL-STD-271

ASTM E1417; MIL-STD-271, MIL-STD-6866

15678 Graham St.,  
Huntington Beach, CA 92649

**Test(s):**

Post-Weld Heat Treat

Heat Treat

Low Stress Grinding

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Electrical Conductivity

**Test Method(s):**

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

SOP 63.00<sup>2</sup>

GE P1TF79

ASTM A255

ASTM B193, ASTM E1004; MIL-STD-1537

<sup>1</sup> Specimens machined or heat treated at the satellite address listed below and tested at the address listed above.

<sup>2</sup> Laboratory developed method.