



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 Chica Street
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

Bend Test
Charpy V-Notch Impact
Compression Strength
Electrical Conductivity
Elevated Temperature Tensile
Izod Pendulum Impact Resistance
Magnetic Permeability Using a Low-Permeability Indicator
Modulus (Young's, Tangent, Chord)
Poisson's Ratio
Pin-Type Bearing

ASTM A615/A615M, ASTM E290
ASTM A370, ASTM E23; EN 10045-1;
JIS B1051; ISO 148-1
ASTM E9
ASTM B193, ASTM E1004; MIL-STD-1537
ASTM E21; EN 2002-2
ASTM A370, ASTM E23
ASTM A342/A342M; MIL-I-17214
ASTM E111
ASTM E132
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

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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

Jominy

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 63.00²

GE P1TF79

ASTM A255

ASTM B193, ASTM E1004; MIL-STD-1537

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

² Laboratory developed method.