



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT ST. PAUL
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St. Paul, MN 55114-1776
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NONDESTRUCTIVE

Valid To: December 31, 2020

Certificate Number: 1479.07

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on metals, alloys, and fasteners:

Test(s):

Test Method(s):

Magnetic Particle Examination¹
(Wet Fluorescent Bench, Dry-Visible/Fluorescent
Yoke)

ASME Sec. V Article 7; AWS D1.1/D1.1M
(Clause 6 Inspection);
ASTM A275/A275M, E709, E1444/E1444M;
MIL-STD-271 (*Withdrawn 05/1998*)²;
NAVSEA T9074-AS-GIB-010/271

Liquid Penetrant¹
(Water Washable and Solvent Removable
Visible/Fluorescent)

ASME Sec. V Article 6;
ASTM E165/E165M, E1417/E1417M;
AWS D1.1/D1.1M (Clause 6 Inspection);
MIL-STD-271 (*Withdrawn 05/1998*)²;
NAVSEA T9074-AS-GIB-010/271

Radiography Testing¹
(X-ray and Gamma, Film)

ASME Sec. V Article 2;
ASTM E94, E1742/E1742M;
AWS D1.1/D1.1M (Clause 6 Inspection),
D1.2/D1.2M (Clause 6 Inspection),
D1.3/D1.3M (Clause 6 Inspection),
D1.4/D1.4M (Clause 6 Inspection),
D1.5/D1.5M (Clause 6 Inspection);
D17.1/D17.1M (Clause 7 Inspection);
MIL-STD-271 (*Withdrawn 05/1998*)²;
MIL-STD-453; NAVSEA T9074-AS-GIB-
010/271

Ultrasonic¹
(Contact, Flaw Detection, Thickness Measurement)
(Straight and Angle Beam Contact)
(Contact Phased Array)

AMS-2632; AMS-STD-2154;
ASME Sec. V Article 5;
ASTM A388/A388M, A435/A435M,
A578/A578M, A609/A609M;
AWS D1.1/D1.1M (Clause 6 Inspection);
MIL-STD-271 (*Withdrawn 05/1998*)²;
MIL-STD-2154;
NAVSEA T9074-AS-GIB-010/271

Test(s):

Visual Examination¹

X-Ray Fluorescence (PMI)¹

Test Method(s):

AWS D1.1/D1.1M (Clause 6 Inspection); BS
EN 17637

ASTM E1476; SOP MT-100

¹This laboratory meets A2LA R104 – *General Requirements: Accreditation of Field Testing and Field Calibration Laboratories* for these tests or calibrations.

²This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.





Accredited Laboratory

A2LA has accredited

ELEMENT ST. PAUL

St. Paul, MN

for technical competence in the field of

Nondestructive 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 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 17th day of December 2018.

A blue ink signature of the Senior Director of Accreditation Services.

Senior Director, Accreditation Services
For the Accreditation Council
Certificate Number 1479.07
Valid to December 31, 2020

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