



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT MATERIALS TECHNOLOGY ST. PAUL, INC.

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NONDESTRUCTIVE

Valid To: December 31, 2026

Certificate Number: 0098.04

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):**

Magnetic Particle Examination<sup>1</sup>  
(Wet Fluorescent Bench, Dry-Visible/Fluorescent  
Yoke)

Liquid Penetrant<sup>1</sup>  
(Water Washable and Solvent Removable  
Visible/Fluorescent)

Radiography Testing<sup>1</sup>  
(X-ray and Gamma, Film)

Ultrasonic<sup>1</sup>  
(Contact, Flaw Detection, Thickness Measurement)  
(Straight and Angle Beam Contact)  
(Contact Phased Array)

**Test Method(s):**

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MIL-STD-271 (*Withdrawn 05/1998*);  
NAVSEA T9074-AS-GIB-010/271

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MIL-STD-271 (*Withdrawn 05/1998*);  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

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MIL-STD-271 (*Withdrawn 05/1998*),  
MIL-STD-453; NAVSEA T9074-AS-GIB-  
010/271

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MIL-STD-271 (*Withdrawn 05/1998*),  
MIL-STD-2154;  
NAVSEA T9074-AS-GIB-010/271

**Test(s):**

Visual Examination<sup>1</sup>

X-Ray Fluorescence (PMI)<sup>1</sup>

**Test Method(s):**

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

ASTM E1476; SOP MT-100

<sup>1</sup> This laboratory performs field testing activities for these tests.

Uncontrolled If Printed





## Accredited Laboratory

A2LA has accredited

**ELEMENT MATERIALS TECHNOLOGY ST. PAUL, INC.**

*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 3<sup>rd</sup> day of December 2024.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 0098.04  
Valid to December 31, 2026

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