



## 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MIL-STD-271 (*Withdrawn 05/1998*);  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MIL-STD-271 (*Withdrawn 05/1998*);  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MIL-STD-271 (*Withdrawn 05/1998*),  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MIL-STD-271 (*Withdrawn 05/1998*),  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.



## 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 the name "Trace McInturff".

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.