



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

BRAUN INTERTEC CORPORATION
11001 Hampshire Avenue South
Bloomington, MN 55438
Thorlief Stangebye Phone: 952 995 2000

NONDESTRUCTIVE

Valid To: June 30, 2024

Certificate Number: 3940.03

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following testing on Raw Material, Castings, Welding, Soldering and Brazing:

I. Nondestructive Testing

Test:	Test Method(s):
Visual Inspection (VT)	Internal Braun Procedure 10.9; AWS D1.1/D1.1M (Clause 6 & Clause 9 Part F), D1.2/D1.2M (Clause 5), D1.4/D1.4M (Clause 7), D1.5/D1.5M (Clause 6), D1.6/D1.6M (Clause 6), D17.1/D17.1M (Clause 7); ASME V (Article 9), VIII, IX, B31.1 (Chapter VI), B31.3 (Chapter VI), B16.34 (Appendix III); AMS 2175 (Section 3)
Liquid Penetrant Inspection (PT) (Water Washable, Fluorescent and Visible, Solvent Removable, Fluorescent and Visible) (Single use Spray Cans)	ASTM E165/E165M, E1417/E1417M; ASME V (Article 6), VIII (Appendix 8), B31.1 (Chapter VI), B31.3 (Chapter VI) B16.34 (Appendix III); AWS D1.1/D1.1M (Clause 6 & Clause 9 Part F), D1.2/D1.2M (Clause 5), D1.4/D1.4M (Clause 7), D1.5/D1.5M (Clause 6), D1.6/D1.6M (Clause 6), D17.1/D17.1M (Clause 7); ISO 15614-1; MIL-STD 2035 (Chapter 7), MIL-STD 25135E; AMS 2175 (Section 3)
Magnetic Particle Inspection (MT) Fluorescent and Visible, Yoke (AC and DC) Wet Fluorescent and Dry or Wet Visible (Single use Spray Cans)	ASTM E709, E1444/E1444M; ASME V (Article 7), VIII (Appendix 6), B31.1 (Chapter VI), B31.3 (Chapter VI), B16.34 (Appendix II); AWS D1.1/D1.1M (Clause 6 & Clause 9 Part F), D1.5/D1.5M (Clause 6), D14.1/D14.1M (Clause 10), D17.1/D17.1M (Clause 7); ISO 15614-1; MIL-STD 2035 (Chapter 6); AMS 2175 (Section 3)

Test:	Test Method(s):
Ultrasonic Inspection (UT) (Contact Straight and Angle Beam (Thickness Gauge))	ASTM A388/A388M, A435/A435M, A898/A898M, E114, E164, E317, E797/E797M; ASME I, V (Article 4), VIII (Appendix 6), IX, B31.1 (Chapter VI), B31.3 (Chapter VI), B16.34 (Appendix IV); AWS D1.1/D1.1M (Clause 6 & Clause 9 Part F), D1.2/D1.2M (Clause 5), D1.5/D1.5M (Clause 6), D1.6/D1.6M (Clause 6), D1.9/D1.9M (Clause 5), D14.1/D14.1M (Clause 10), D17.1/D17.1M (Clause 7); MIL-STD 2035 (Chapter 8), 2035A (Chapter 8); ISO 15614-1; AMS 2154
Radiographic Inspection (RT) (Digital and Film, X-ray Source)	ASTM E94, E1032; AWS D1.1/D1.1M (Clause 6 & Clause 9 Part F), D1.2/D1.2M (Clause 5), D1.4/D1.4M (Clause 7), D1.5/D1.5M (Clause 6), D1.6/D1.6M (Clause 6), D17.1/D17.1M (Clause 7); ASME I, V (Article 2), VIII (Appendix 6), IX, B31.1 (Chapter VI), B31.3 (Chapter VI), B16.34 (Appendix I); ISO 15614-1; MIL-STD 2035 (Chapter 5); AMS 2175 (Section 3)
Welding Qualification Bend Testing	ASME BPVC.IX; AWS D1.1/D1.1M (Clause 4), D1.5 (Clause 5)

II. Mechanical Testing

Test:	Test Method(s):
Tension Test	ASTM A370
Charpy Impact Testing	ASTM A370
Macroetching Metals and Alloys	ASTM E340
Macroetch Testing	AWS D1.1/D1.1M, D1.2/D1.2M, D1.5/D1.5M, D1.6/D1.6M
Macro Examination	ASME Section IX

III. Load Testing

Test:	Test Method(s):
Performance of Permanent Metal Performance of Permanent Metal Railing Systems and Rails for Buildings	ASTM E935



Accredited Laboratory

A2LA has accredited

BRAUN INTERTEC CORPORATION

Bloomington, 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 11th day of April 2022.

A blue ink signature of the President and CEO, written over a white rectangular background.

President and CEO
For the Accreditation Council
Certificate Number 3940.03
Valid to June 30, 2024
Revised March 20, 2024

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