

PRECISION NDE SERVICES INC.

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CALIBRATION CERTIFICATE

Certificate Number: PNDE-CAL-2024-0891

Date of Calibration: September 22, 2024

Calibration Due Date: September 22, 2025

Calibration Procedure: PNDE-CAL-UT-001 Rev. 3

EQUIPMENT INFORMATION

Description:	Ultrasonic Thickness Gauge
Manufacturer:	Olympus
Model:	38DL Plus
Serial Number:	38DL-2901456
Range:	0.020" to 20.00"
Resolution:	0.001"
Owner:	Precision NDE Services Inc.

REFERENCE STANDARDS

Standard	Description	Certificate	Due Date
PNDE-CS-001	4-Step Carbon Steel Block	NIST-2024-4521	Jan 2025
PNDE-SS-003	2-Step 316SS Block	NIST-2024-4522	Jan 2025

CALIBRATION RESULTS

Nominal (in)	Measured (in)	Error (in)	Tolerance	Status
0.100	0.101	+0.001	±0.002	PASS
0.200	0.200	+0.000	±0.002	PASS
0.300	0.299	-0.001	±0.002	PASS
0.400	0.400	+0.000	±0.002	PASS

Environmental Conditions: Temperature 68°F ± 5°F, Humidity 45% RH

CERTIFICATION STATEMENT: This equipment has been calibrated using standards traceable to the National Institute of Standards and Technology (NIST). The calibration was performed in accordance with Precision NDE Services Inc. procedures and meets the requirements of ASME Section V, Article 5.

Calibrated By:

Robert Kim
Calibration Technician

Approved By:

David Park, UT Level III
Quality Manager