



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ARC TRAINING & CONSULTATION SERVICES, INC.  
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MECHANICAL

Valid To: October 31, 2023

Certificate Number: 6421.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on base metal and weld metal:

<b><u>Test:</u></b>	<b><u>Test Method(s):</u></b>
Tensile	ASTM E8, A370; API 1104; New York State Steel Construction Manual (NYSSCM); ASME Section IX; AWS B2.1, B4.0, D1.1, D1.2, D1.9; AASHTO/AWS D1.5, D1.6, D14.1, D15.1; BS EN ISO 15614-1
Bend	ASTM E190, A370; API 1104; New York State Steel Construction Manual (NYSSCM); ASME Section IX; AWS B2.1, B4.0, D1.1 D1.2, D1.9; AASHTO/AWS D1.5, D1.6, D14.1, D14.5, D15.1, D17.1; BS EN ISO 5173, 15614-1; ISO 9606-1
Fillet Weld Break	ASME IX; AWS B4.0; AWS D1.1, AWS D1.6, AWS B2.1
Nick Break	API 1104; AWS B4.0
Macroetch	ASTM E340, E381; API 1104; ASME Section IX; AWS B2.1, D1.1; AASHTO/AWS D1.5; AWS D1.9, D1.6, D14.1, D14.5, D17.1; BS EN ISO 15614-1
Microhardness	ASTM E384; New York State Steel Construction Manual (NYSSCM); BS EN ISO 15614-1
Vickers Hardness	ASTM E92; NACE MR0175; BS EN ISO 15614-1
Rockwell Hardness (scales B, C and 15N)	ASTM E18
Charpy Impact	ASTM E370, E23, A673; ASME IX; ASME VIII; AWS D1.5; New York State Steel Construction Manual (NYSSCM); ISO 148-1, 9016; BS EN 875; BS EN ISO 15614-1



## Accredited Laboratory

A2LA has accredited

# ARC TRAINING & CONSULTATION SERVICES, INC.

West Seneca, NY

for technical competence in the field of

## Mechanical 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 31<sup>st</sup> day of September 2021.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 6421.01  
Valid to October 31, 2023

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