

## SCOPE OF ACCREDITATION

### Welding

**Advance Welding**  
150 Brookdale Drive  
Springfield, MA 01104

This certificate expiration is updated based on periodic audits. The current expiration date and scope of accreditation are listed at: [www.eAuditNet.com](http://www.eAuditNet.com) - Online QML (Qualified Manufacturer Listing).

In recognition of the successful completion of the PRI evaluation process, accreditation is granted to this facility to perform the following:

#### **AC7000 Rev A - AUDIT CRITERIA FOR NADCAP ACCREDITATION**

#### **AC7110 Rev G - Nadcap Audit Criteria for Welding/ Torch and Induction Brazing and Additive Manufacturing (This is required for all Welding / Torch and Induction Brazing and Additive Manufacturing audits) (to be used on audits on/after 25-Apr-2021)**

#### **AC7110S - Nadcap Supplemental Audit Criteria for Welding, Torch and Induction Brazing, and Additive Manufacturing (to be used on audits on/after 25-Apr-2021)**

U00 None

#### **AC7110/1 Rev I - Nadcap Audit Criteria for Brazing (Torch/Induction) (to be used on audits on/AFTER 13-May-2024)**

Baseline (All audits)

Supplement A – Torch (Additional requirements)

Supplement B – Induction (Additional requirements)

Supplement G – Processes using gas (Additional requirements)

Supplement H – Processes using Flux – (Additional requirements)

Supplement J – Metallographic Evaluation of Qualification and/or Process Control Braze Joints – (Additional requirements)

#### **AC7110/3 Rev H - Nadcap Audit Criteria for Electron Beam Welding**

Baseline (All audits)

Supplement A – Filler Materials (Additional requirements)

Supplement C – Stress Relieve (Additional requirements)

Supplement D – Metallographic Evaluation of Qualification Welds (Additional requirements)

Supplement F – Material Titanium – Additional requirements for titanium welding

#### **AC7110/3S Rev F - Nadcap Supplemental Audit Criteria for Electron Beam Welding (to be used on/AFTER 13-Aug-2023)**

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**AC7110/4 Rev I - Nadcap Audit Criteria for Resistance Welding (Spot, Seam, Projection) (to be used on audits on/after 1 March 2020)**

Baseline (All audits)

Spot Welding – sheet (identify if this process is used)

Supplement B – Shear Testing (Additional requirements)

Supplement F – Metallographic Evaluation of Resistance Welds (Qualification and / or Process Control) (Additional requirements)

**AC7110/4S Rev H - Nadcap Supplemental Audit Criteria for Resistance Welding (to be used on audits on/AFTER 13-Aug-2023)**

U00 None

**AC7110/5 Rev J - Nadcap Audit Criteria for Fusion Welding (to be used on audits on/AFTER 25-Sep-2022)**

Baseline (All audits)

Supplement C – Automatic / Semi-automatic (Additional requirements)

Supplement D – Titanium (Additional requirements)

Supplement E – Casting Repair (Additional Requirements)

Supplement F – Filler Materials (Additional requirements)

Supplement G – Processes using Gas (For example GTAW, PAW) (Additional requirements)

Supplement H – Pre/Interpass Heat Treatment (Additional requirements)

Supplement I – Stress Relieve (Additional requirements)

Supplement J – Tack Welding (Additional requirements)

Supplement K – Metallographic Evaluation of Qualification Welds (Additional requirements)

Supplement M – Orbital Tube Welding and Manual / Mechanized / Semi-Automatic Tube Welding (Additional requirements)

**AC7110/5S Rev I - Supplemental Audit Criteria for Welding For Fusion Welding (to be used on audits on/AFTER 13-Aug-2023)**

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**AC7110/6 Rev H - Nadcap Audit Criteria for Laser Welding**

Baseline (All audits)

Supplement A – Filler Materials (Additional requirements)

Supplement C – Stress Relieve (Additional requirements)

Supplement D – Metallographic Evaluation of Qualification Welds (Additional requirements)

**AC7110/6S Rev F - Nadcap Supplemental Audit Criteria for Laser Welding (to be used on audits on/AFTER 13-Aug-2023)**

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**AC7110/12 Rev F - Nadcap Audit Criteria for Welder/Welding Operator Qualification (This checklist is required if the audit includes AC7110/3, /5 or /6)**

Baseline (All audits)

Supplement A – Metallographic Evaluation of Qualification Welds (Additional requirements)

**AC7110/12S Rev I - Nadcap Supplemental Audit Criteria for Welder/Welding Operator Qualification (This checklist is required if the audit includes AC7110/3, /5 or /6) (to be used on audits on/AFTER 13-Aug-2023)**

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