



*This certificate is granted and awarded by the authority of the Nadcap Management Council to:*

## ***C.F. Roark Welding & Engineering Co Inc***

*136 N Green St  
Brownsburg, IN 46112  
United States*

*This certificate demonstrates conformance and recognition of accreditation for specific services, as listed in [www.eAuditNet.com](http://www.eAuditNet.com) on the Qualified Manufacturers List (QML), to the revision in effect at the time of the audit for:*

### ***Welding***

Certificate Number: 3538185105  
Expiration Date: 30 April 2021

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Michael J. Hayward  
Vice President and Chief Operating Officer



## SCOPE OF ACCREDITATION

### Welding

**C.F. Roark Welding & Engineering Co Inc**  
136 N Green St  
Brownsburg, IN 46112

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:

**AC7110 Rev F - 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 30 April 2017)**

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

Baseline (All audits)

Supplement B – GTA Tack Welding (Additional requirements)

Supplement C – Stress Relieve (Additional requirements)

Supplement F – Material Titanium – Additional requirements for titanium welding

**AC7110/3S Rev E - Nadcap Supplemental Audit Criteria for Electron Beam Welding (to be used on/after 17 September 2017)**

U10 GE Aviation

U3 Rolls Royce Plc

**AC7110/4 Rev H - Nadcap Audit Criteria for Resistance Welding (Spot, Seam, Projection)**

Baseline (All audits)

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

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

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

Supplement A – Aluminum / Magnesium (Additional requirements)

Supplement B – Shear Testing (Additional requirements)

Supplement C – GTA Tack Welding (Additional requirements)

Supplement D – Filler Materials (Additional requirements)

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

**AC7110/4S Rev F - Nadcap Supplemental Audit Criteria for Resistance Welding (to be used on/after 17 September 2017)**

U10 GE Aviation

U3 Rolls Royce Plc

**AC7110/5 Rev I - Nadcap Audit Criteria for Fusion Welding (to be used on audits on/after 6 Jan 2019)**

Baseline (All audits)

Supplement D – Titanium (Additional requirements)

Supplement F – Filler Materials (Additional requirements)

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

Supplement J – Tack Welding (Additional requirements)

**AC7110/5S Rev E - Nadcap Supplemental Audit Criteria for Fusion Welding (to be used audits before 5 May 2019)**

U10 GE Aviation

U3 Rolls Royce Plc

**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)

**AC7110/12S Rev H - 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 4 September, 2016)**

U10 GE Aviation

U3 Rolls Royce Plc