

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

#### Darchem Engineering Ltd

Stillington Stockton-on-Tees, TS21 1LB United Kingdom

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

#### Welding

Certificate Number: 4011206233 Expiration Date: 31 August 2024 Accreditation Length: 24 Months

**Jay Solomond** 

**Executive Vice President & Chief Operating Officer** 



#### SCOPE OF ACCREDITATION

#### Welding

Darchem Engineering Ltd
Stillington
Stockton-on-Tees, TS21 1LB
United Kingdom

This certificate expiration is updated based on periodic audits. The current expiration date and scope of accreditation are listed at: 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 - 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)

**U8 Airbus Commercial Aircraft** 

### 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)

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

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

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

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

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 G - Nadcap Supplemental Audit Criteria for Resistance Welding (to be used on audits on/after 1 March 2020)

U3 Rolls Royce

U7 MTU

**U8 Airbus Commercial Aircraft** 

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### AC7110/5 Rev I - Nadcap Audit Criteria for Fusion Welding (to be used on audits BEFORE 25-Sep-2022)

Baseline (All audits)

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

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)

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

Supplement M – Orbital Welding (Additional requirements)

### AC7110/5S Rev G - SUPPLEMENTAL AUDIT CRITERIA FOR WELDING For Fusion Welding (to be used on audits BEFORE 25-Sep-2022)

**U13** Bombardier

U3 Rolls Royce

U7 MTU

**U8 Airbus Commercial Aircraft** 

# 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 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)

**U13 Bombardier** 

**U14 SAFRAN** 

U3 Rolls Royce

U7 MTU

**U8 Airbus Commercial Aircraft** 

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