



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

PFW Aerospace GmbH

*Am Neuen Rheinhafen 10
Speyer, 67346
Germany*

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: 4928179956
Expiration Date: 31 January 2021

Joseph G. Pinto
Executive Vice President and Chief Operating Officer



SCOPE OF ACCREDITATION

Welding

PFW Aerospace GmbH
Am Neuen Rheinhafen 10
Speyer, 67346
Germany

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:

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)

AC7110/1 Rev H - Nadcap Audit Criteria for Brazing (Torch/Induction) (to be used on audits on/after 7 August 2016)

Baseline (All audits)

Supplement A – Torch (Additional requirements)

Supplement E – GTA Tack Welding (Additional requirements)

Supplement G – Processes using gas (Additional requirements)

Supplement H – Processes using Flux – (Additional requirements)

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

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 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)

U8 Airbus

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

Baseline (All audits)

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

Supplement D – Material – Additional requirements for titanium welding

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)

AC7110/5S Rev E - Nadcap Supplemental Audit Criteria for Fusion Welding (to be used on/after 17 September 2017)

U11 The Boeing Company

U8 Airbus

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)

U11 The Boeing Company

U8 Airbus