

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:

Chemical Processing

Certificate Number: 4928207207 Expiration Date: 29 February 2024 Accreditation Length: 24 Months

Jay Solomond

Executive Vice President & Chief Operating Officer



SCOPE OF ACCREDITATION

Chemical Processing

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:

AC7000 - AUDIT CRITERIA FOR NADCAP ACCREDITATION

AC7108 Rev I - Nadcap Audit Criteria for Chemical Processing (to be used on audits on/after 21 January 2018)

AC7108/01— Painting Dry Film Coatings and Sol Gel as a Preparation for Paint – AC7108/1 must also be selected

AC7108/02 – Etch Inspection Processes and Pre–Penetrant Etch – AC7108/2 must also be selected

AC7108/04 - Solution Analysis and Testing - AC7108/4 must also be selected

AC7108/08 - Anodizing (Not for Metal Bond) - AC7108/8 must also be selected

AC7108/11 - Conversion Coating - AC7108/11 must also be selected

AC7108/12 – Standalone Cleaning, Descaling, Passivation and Electropolishing – AC7108/12 must also be selected

General Cleaning and Pre-Cleaning

Alkaline Cleaning (If Titanium Alkaline Cleaning is also carried out then please check Chemical Cleaning – Titanium Cleaning – Alkaline" also)

Titanium Cleaning – Alkaline

Other Titanium Cleaning Alkaline

Ovens for Thermal Treatments with a set point at or below 250°F (121°C) or for Miscellaneous Heating Processes, e.g. Part Drying.

AC7108/1 Rev D - Nadcap Audit Criteria for Painting & Dry Film Coatings (to be used on audits on/after 12 July 2020)

Dry Film Lubricant Coatings Painting

AC7108/2 Rev G - Nadcap Audit Criteria for Etch Inspection Processes (Anodic Etch, Blue Etch, Anodize, Local, Macrostructure, Nital/Temper) and Pre-Penetrant Etch (to be used on audits on/after 11 October 2020)

t-frm-0004 29-May-20

Pre-Penetrant Etch Immersion pre

AC7108/4 Rev C - Nadcap Audit Criteria for Solution Analysis and Testing in Support of Chemical Processing to AC7108 (To Be Used On Audits Conducted On audits on/after 21 January 2018)

Solution Analysis In Support of AC7108

Testing Performed Internally In Support of the Chemical Process Accreditation

- B05 Salt Spray Testing In Support of AC7108
- B10 Adhesion Testing (Adhesion Tape Testing) In Support of AC7108
- B13 Coating Weight Testing In Support of AC7108
- B14 Conductivity Testing In Support of AC7108
- B16 Coating Thickness Measurement In Support of AC7108
- B22 Solvent Resistance Testing In Support of AC7108
- B23 Other Testing In Support of AC7108

AC7108/8 - Nadcap Audit Criteria for Anodizing (Not For Metal Bond) (to be used on audits on/after 5 June 2016)

Anodize Aluminum, Chromic Acid

AC7108/11 - Nadcap Audit Criteria for Conversion Coating (to be used on audits on/after 5 June 2016)

Aluminum

AC7108/12 Rev A - Nadcap Audit Criteria for Standalone Cleaning, Descaling, Passivation and Electropolishing (to be used on audits on/after 12 July 2020)

Standalone Cleaning and Descaling

Acid Cleaning (If Titanium Acid Cleaning is also carried out then also check "Titanium Cleaning – Acid")

Titanium Cleaning – Acid (This process also requires "Titanium Cleaning – Alkaline" to be checked unless customer specifications permit otherwise)

t-frm-0004 29-May-20