

Merit

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

## ***Curtiss-Wright Actuation Systems - Shelby***

*201 Old Boiling Springs Rd  
Shelby, NC 28152-0649  
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:*

## ***Chemical Processing***

Certificate Number: 4401201003  
Expiration Date: 30 November 2023  
Accreditation Length: 24 Months

**David L. Schutt, PhD**  
President

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## PERFORMANCE REVIEW INDUSTRY MANAGED PROGRAMS

### Use of the Mark of Conformity, Program Certificate and Program Name

The Performance Review Institute (PRI) has Marks of Conformity that are to be used to clearly indicate the program to which conformance has been demonstrated. The Marks of Conformity are proprietary and pending registration with the United States Patent Office under the terms of USCC 1051 et.al (Trademark Act of 1946, Lanham Act).

#### RULES AND REGULATIONS OF USAGE

1. Use of the appropriate Mark is delegated, in writing, to companies that have been awarded a Program Certificate of Accreditation/Conformance or to companies and/or their products and/or processes listed on the PRI Qualified Products List (QPL).
2. When using the Mark of Conformity, the company shall be responsible for ensuring the audit program (i.e., Heat Treating, Nondestructive Testing, Chemical Processing) or QPL standard/specification (i.e., AMS-S-8802, AS1339) is clearly identified along with the Mark.
3. The Mark of Conformity may be used on company letterhead, fax cover sheets, business cards and other business stationery. The Mark of Conformity may be used in advertising such as web site, flyers, mailings, paid advertisements in magazines and trade publications, company promotional materials and company souvenirs.
4. When not in conflict with customer requirements, the Mark of Conformity may be applied directly to products and/or their associated test reports for products/processes that are listed in the PRI QPL.
5. Neither the Mark of Conformity, nor the Program Certificate nor the Program Name shall be used in such a manner that confusion arises between certified and non-certified products, processes, or services to which the accreditation, qualification, or approval applies.
6. In every case, the Auditee shall take sufficient care in publications and advertising so that no confusion arises about the scope of accreditation, qualification, or approval as it applies to products, process, and services.
7. The Mark of Conformity is not to be transferred from one entity to another. Companies with multiple facilities or locations must indicate which facility or location is accredited, qualified or approved. Companies must ensure that when advertising accreditation, qualification or approval, the specific locations are identified and that no confusion arises in statements and/or promotional literature that indicate all or multiple facility accreditation, qualification or approval.

8. The Program accreditation or PRI QPL listing is valid through the expiration date indicated on the Certificate of Accreditation or formal qualification / approval letter. If the accreditation, qualification or approval is suspended, revoked for cause, or is not renewed, the Auditee is responsible to immediately cease using the Mark of Conformity, Program Certificate and/or Program Name, distributing literature or other materials which carry the Mark of Conformity.
9. Electronic Files of the Mark of Conformity will be sent concurrently with the PRI accreditation, qualification or approval certificate/notification via email. High resolution electronic files are available upon request. Contact the commodity specific Coordinator via phone or email, contact information can be found using the 'Contact Us' link on eAuditNet or the PRI Website.
10. PRI may employ reasonable surveillance to ensure proper use of the Mark of Conformity, Program Certificate and Program Name. Improper or misleading references to the program, the certificate or the Mark that are found on products in advertisements, brochures, or other publications, will be subject to corrective actions that could include legal actions, publication of the violation via the Qualified Manufacture List (QML), and/or the Qualified Products List (QPL), and suspension or revocation of accreditation, qualification, or approval.
11. When using the Mark of Conformity, it shall appear as follows:

For PRI Nadcap Qualified Manufacturers:



**ACCREDITED**

*(INSERT APPLICABLE PROCESS(ES) / PRODUCT HERE, IT IS RECOMMENDED TO USE ARIAL FONT SIZE 10, BUT THAT IS AT YOUR DISCRETION)*

TITLES:

Aero Structure Assembly	ISO/IEC 17025
Aerospace Quality System	Materials Testing Laboratories
Chemical Processing	Measurement and Inspection
Coatings	Metallic Materials Manufacturing
Composites	Nonconventional Machining
Conventional Machining as a Special Process	NonDestructive Testing
Elastomer Seals	Non Metallic Materials Manufacturing
Electronics	Non Metallic Materials Testing
Etch	Sealants
Fluid Distribution Systems	Surface Enhancement
Fundamental Aerospace Quality System	Welding
Heat Treating	

For PRI Qualified Products:



*(INSERT QPL NUMBER HERE, IT IS RECOMMENDED TO USE ARIAL FONT SIZE 10, BUT THAT IS AT YOUR DISCRETION)*

“QPL – Spec/Standard”, e.g., PRI-QPL-AS1339, PRI-QPL-AMS-S-8802.

For PRI Brake Lining Materials:



## SCOPE OF ACCREDITATION

### Chemical Processing

**Curtiss-Wright Actuation Systems - Shelby**  
201 Old Boiling Springs Rd  
Shelby, NC 28152-0649

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 - AUDIT CRITERIA FOR NADCAP ACCREDITATION

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

AC7108/02 – 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  
AC7108/09 – Electroplating and Electroforming – AC7108/9 must also be selected  
AC7108/11 – Conversion Coating – AC7108/11 must also be selected  
Ovens Used for Thermal Treatments at a Set Point above 250°F  
Stripping of Coatings as an Internal Rework Process  
    Inorganic Coatings  
    Other Stripping

#### 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)

Etch Inspection Processes  
    Nital/Temper Etch  
    Immersion nital

#### 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  
    B03 – Metallographic Preparation In Support of AC7108  
    B04 – Microhardness Testing In Support of AC7108  
    B05 – Salt Spray Testing In Support of AC7108

- B10 – Adhesion Testing (Adhesion Tape Testing) In Support of AC7108
- B12 – Adhesion Testing (Bend Test) In Support of AC7108
- B13 – Coating Weight Testing In Support of AC7108
- B16 – Coating Thickness Measurement 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)**

Anodizing Aluminum, Type 1 Non-Hexavalent Chrome (e.g. Boric/Sulfuric)  
Seal

**AC7108/9 - Nadcap Audit Criteria for Electroplating and Electroforming (to be used on audits on/after 5 June 2016)**

Electroplating  
Alloy Plating  
Cadmium Plating  
Chromium Plating  
Nickel Plating

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

Aluminum