



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

## **Senior Aerospace SSP**

*2980 N. San Fernando Blvd  
Burbank, CA 91504  
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: 3765165015  
Expiration Date: 31 October 2018

Joseph G. Pinto  
Executive Vice President and Chief Operating Officer



## SCOPE OF ACCREDITATION

### Chemical Processing

**Senior Aerospace SSP**  
2980 N. San Fernando Blvd  
Burbank, CA 91504

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:

#### **AC7108 Rev H - Nadcap Audit Criteria for Chemical Processing (to be used on audits on/after 5 June 2016)**

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

Chem Milling and Alpha Case Removal – AC7108/5 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

Pre-Penetrant Etch – AC7108/15 must also be selected

Solution Analysis and Testing – AC7108/4 must also be selected

#### **AC7108/4 Rev B - Nadcap Audit Criteria for Solution Analysis and Testing in Support of Chemical Processing to AC7108 (To Be Used On Audits Conducted On Or After June 5, 2016)**

Solution Analysis In Support of AC7108

Testing Performed Internally In Support of the Chemical Process Accreditation

B03 – Metallographic Preparation In Support of AC7108

B14 – Conductivity Testing In Support of AC7108

B23 – Other Testing In Support of AC7108

#### **AC7108/5 Rev B - Nadcap Audit Criteria for Alpha Case Removal and Chemical Milling (to be used on audits on/after 5 June 2016)**

Alpha Case Removal

#### **AC7108/12 - Nadcap Audit Criteria for Acid Cleaning, Descaling, Passivation and**

**Electropolishing (to be used on audits on/after 5 June 2016)**

Acid Cleaning (If Titanium Acid Cleaning is also carried out then please check “Chemical Cleaning – Titanium Cleaning – Acid” also)

Molten Salt Descaling/Pickling

Passivation

Other Passivation

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

Other Titanium Cleaning Acid

**AC7108/15 - Nadcap Audit Criteria for Pre-Penetrant Etch**

Immersion Pre penetrant Etch

Local (Swab) Pre–Penetrant Etch



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## **Heat Treating**

Certificate Number: 12224186001  
Expiration Date: 31 October 2019

Joseph G. Pinto  
Executive Vice President and Chief Operating Officer



## SCOPE OF ACCREDITATION

### Heat Treating

**Senior Aerospace SSP**  
2880 N Ontario Street  
Burbank, CA 91504

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In recognition of the successful completion of the PRI evaluation process, accreditation is granted to this facility to perform the following:

**AC7102 Rev J - Nadcap Audit Criteria for Heat Treating Baseline (AC7102/S and AC7102/8 must also be selected) (to be used on audits on/after 3 December 2017)**

Nickel and Cobalt Alloys – Industry Specs – Check any applicable boxes

Industry Spec – Other

Stainless Steels, Austenitic – Industry Specs – Check any applicable boxes

Industry Spec – Other

Stainless Steels, Austenitic– Customer Specs

Titanium Alloys – Customer Specs

Titanium Alloys – Industry Specs – Check any applicable boxes

Industry Spec – Other

Vacuum Heat Treating – Customer Specs

Vacuum Heat Treating – Industry Specs – Check any applicable boxes

Industry Spec – Other

**AC7102S Rev G - Nadcap Supplemental Audit Criteria for Heat Treating (to be used on audits before 14 October, 2018)**

U11 The Boeing Company

**AC7102/8 - Nadcap Audit Criteria for Heat Treating Pyrometry**

Pyrometry – Customer Specs

Pyrometry – Industry Specs – Check any applicable boxes

AMS2750



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## **Heat Treating**

Certificate Number: 3765186002  
Expiration Date: 31 October 2019

Joseph G. Pinto  
Executive Vice President and Chief Operating Officer



## SCOPE OF ACCREDITATION

### Heat Treating

**Senior Aerospace SSP**  
2980 N. San Fernando Blvd  
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In recognition of the successful completion of the PRI evaluation process, accreditation is granted to this facility to perform the following:

#### **AC7101/3 Rev D - Nadcap Audit Criteria for Materials Testing Laboratories – Mechanical Testing (to be used on audits on/after 4 December 2016)**

(A) Room Temperature Tensile – Check any applicable boxes

#### **AC7101/4 Rev F - Nadcap Audit Criteria for Materials Testing Laboratories - Metallography and Microindentation Hardness (to be used on audits on/after 14 August 2016)**

(L7) Near Surface Examinations – IGA, IGO

(L8) Near Surface Examinations – Alpha Case: Wrought Titanium

#### **AC7102 Rev J - Nadcap Audit Criteria for Heat Treating Baseline (AC7102/S and AC7102/8 must also be selected) (to be used on audits on/after 3 December 2017)**

Aluminum Alloys – AC7102/2 must also be selected

Nickel and Cobalt Alloys – Industry Specs – Check any applicable boxes

Industry Spec – Other

Nickel and Cobalt Alloys– Customer Specs

Stainless Steels, Austenitic – Industry Specs – Check any applicable boxes

Industry Spec – Other

Stainless Steels, Austenitic– Customer Specs

Titanium Alloys – Customer Specs

Titanium Alloys – Industry Specs – Check any applicable boxes

Industry Spec – Other

Vacuum Heat Treating – Customer Specs

Vacuum Heat Treating – Industry Specs – Check any applicable boxes

Industry Spec – Other

**AC7102S Rev G - Nadcap Supplemental Audit Criteria for Heat Treating (to be used on audits before 14 October, 2018)**

U11 The Boeing Company

**AC7102/2 Rev C - Nadcap Audit Criteria for Aluminum Heat Treating (to be used on audits before 2 September, 2018)**

Aluminum Alloys – Customer Specs

Aluminum Alloys – Industry Specs – Check any applicable boxes

Industry Spec – Other

**AC7102/5 Rev D - Nadcap Audit Criteria for Heat Treating - Hardness and/or Conductivity Testing (to be used on on/after 3 September 2017)**

Conductivity – Check any applicable boxes

Conductivity – Customer Specs

Hardness – Rockwell – Check any applicable boxes

**AC7102/8 - Nadcap Audit Criteria for Heat Treating Pyrometry**

Pyrometry – Customer Specs

Pyrometry – Industry Specs – Check any applicable boxes

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## **NonDestructive Testing**

Certificate Number: 12224174874

Expiration Date: 30 April 2020

Joseph G. Pinto

*Executive Vice President and Chief Operating Officer*



## **SCOPE OF ACCREDITATION**

### **NonDestructive Testing**

**Senior Aerospace SSP**  
2880 N Ontario Street  
Burbank, CA 91504

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:

**AC7114 Rev K - Nadcap Audit Criteria for NonDestructive Testing (NDT) Suppliers Accreditation (to be used on audits before 31 December 2017)**

**AC7114/1 Rev J - Nadcap Audit Criteria for NonDestructive Testing Facility Penetrant Survey (to be used on audits before 31 December 2017)**

**AC7114/6 Rev D - Nadcap Audit Criteria For NonDestructive Testing Facility Digital Radiography, Digital Detector Array (DDA) Survey (to be used on audits on/after 22 January 2017)**



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## **NonDestructive Testing**

Certificate Number: 3765174873  
Expiration Date: 30 April 2020

Joseph G. Pinto  
Executive Vice President and Chief Operating Officer



## SCOPE OF ACCREDITATION

### NonDestructive Testing

**Senior Aerospace SSP**  
2980 N. San Fernando Blvd  
Burbank, CA 91504

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In recognition of the successful completion of the PRI evaluation process, accreditation is granted to this facility to perform the following:

**AC7114 Rev K - Nadcap Audit Criteria for NonDestructive Testing (NDT) Suppliers Accreditation (to be used on audits before 31 December 2017)**

**AC7114S Rev L - Nadcap Supplemental Audit Criteria for NonDestructive Testing (NDT) Suppliers Accreditation Program (to be used on audits before 31 December, 2017)**

S-U11 The Boeing Company  
S-U14 SAFRAN  
S-U4 Lockheed Martin  
S-U8 Airbus

**AC7114/1 Rev J - Nadcap Audit Criteria for NonDestructive Testing Facility Penetrant Survey (to be used on audits before 31 December 2017)**

**AC7114/1S Rev K - Nadcap Supplemental Audit Criteria for Penetrant Suppliers Accreditation Program (to be used on audits before 31 December 2017)**

S-U11 The Boeing Company  
S-U14 SAFRAN  
S-U4 Lockheed Martin  
S-U8 Airbus

**AC7114/4 Rev J - Nadcap Audit Criteria for NonDestructive Testing Facility Film Radiography Survey (to be used on audits before 31 December)**

**AC7114/4S Rev K - Nadcap Supplemental Audit Criteria for NonDestructive Testing Facility Film Radiography Survey (to be used on audits before 31 December 2017)**

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Burbank, CA

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S-U11 The Boeing Company  
S-U4 Lockheed Martin  
S-U8 Airbus



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## **Nonconventional Machining**

Certificate Number: 3765176928  
Expiration Date: 31 January 2020

Joseph G. Pinto  
Executive Vice President and Chief Operating Officer



## **SCOPE OF ACCREDITATION**

### **Nonconventional Machining**

**Senior Aerospace SSP**  
2980 N. San Fernando Blvd  
Burbank, CA 91504

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:

**AC7116 Rev C - Nadcap Audit Criteria for Nonconventional Machining (ECM, ECG, EDM, LBM LPM, SEG)(to be used on audits on/after 13 Aug 2017)**

**AC7116/4 Rev D - Nadcap Audit Criteria for Laser Beam Machining (LBM)(to be used on audits on/after 13 August 2017)**

Cutting



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## **Welding**

Certificate Number: 3765183675  
Expiration Date: 31 January 2020

**Joseph G. Pinto**  
*Executive Vice President and Chief Operating Officer*





## SCOPE OF ACCREDITATION

### Welding

**Senior Aerospace SSP**  
2980 N. San Fernando Blvd  
Burbank, CA 91504

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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)**

**AC7110/4 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 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)**

U1 Honeywell

U11 The Boeing Company

**AC7110/5 Rev H - Nadcap Audit Criteria for Fusion Welding**

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)
- Supplement L – Bend Test 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

**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



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## **Welding**

Certificate Number: 12224183676  
Expiration Date: 31 January 2020

Joseph G. Pinto  
Executive Vice President and Chief Operating Officer



## SCOPE OF ACCREDITATION

### Welding

Senior Aerospace SSP  
2880 N Ontario Street  
Burbank, CA 91504

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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)**

**AC7110/5 Rev H - Nadcap Audit Criteria for Fusion Welding**

Baseline (All audits)

Supplement C – Automatic / Semi-automatic (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 L – Bend Test 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)**

U00 None

**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**

Senior Aerospace SSP  
Burbank, CA

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audits on/after 4 September, 2016)

U00 None