



*In accordance with SAE Aerospace Standard AS7003, to the revision in effect at the time of the audit, this certificate is granted and awarded by the authority of the Nadcap Management Council to:*

## ***Bennett Heat Treating & Brazing Co***

*690 Ferry St  
Newark, NJ 07105  
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:*

## ***Heat Treating***

Certificate Number: 3071160217  
Expiration Date: 31 January 2017

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



## SCOPE OF ACCREDITATION

### Heat Treating

**Bennett Heat Treating & Brazing Co**  
690 Ferry St  
Newark, NJ 07105

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:

#### **AC7101/4 Rev E - Nadcap Audit Criteria for Materials Testing Laboratories - Metallography and Microindentation Hardness**

- (L) Metallography (General)
- (L1) Microindentation (Interior)
- (L10) Near Surface Examinations – Carburization
- (L5) Near Surface Examinations – Microindentation (Surface)
- (L5X) Near Surface Examinations – Microindentation (Surface)
- (L6) Near Surface Examinations – Nitriding
- (L7) Near Surface Examinations – IGA, IGO

#### **AC7102 Rev H - Nadcap Audit Criteria for Heat Treating (AC7102/S and AC7102/8 must also be selected)**

- Aluminum Alloys – AC7102/2 must also be selected
- Beryllium Copper – Industry Specs
- Beryllium/Copper – Customer Specs
- Carburizing – AC7102/3 must also be selected
- Nickel and Cobalt Alloys – Industry Specs
- Nickel and Cobalt Alloys – Customer Specs
- Nitriding – AC7102/4 must also be selected
- Stainless Steels – Customer Specs
- Stainless Steels – Industry Specs
- Stainless Steels, Martensitic – Customer Specs
- Stainless Steels, Martensitic – Industry Specs
- Stainless Steels, Precipitation Hardening – Customer Specs
- Stainless Steels, Precipitation Hardening – Industry Specs

Industry Spec – Other  
Steels – Customer Specs  
Steels – Industry Specs  
Industry Spec – Other  
Titanium Alloys – Customer Specs  
Titanium Alloys – Industry Specs  
Industry Spec – Other

**AC7102S Rev E - Nadcap Supplemental Audit Criteria for Heat Treating (to be used on audits before 10 May 2015)**

U18 United Technologies Corp. – Hamilton Sundstrand

**AC7102/1 Rev E - Nadcap Audit Criteria for Brazing**

Induction Brazing – AC7110/1 must also be selected  
Torch Brazing – AC7110/1 must also be selected  
Industry Spec – Other – Torch Brazing

**AC7102/2 Rev C - Nadcap Audit Criteria for Aluminum Heat Treating**

Aluminum Alloys – Customer Specs  
Aluminum Alloys – Industry Specs  
Industry Spec – Other

**AC7102/3 Rev C - Nadcap Audit Criteria for Carburizing**

Carbonitriding – Industry Specs  
Industry Spec – Other  
Carburizing – Customer Specs  
Carburizing – Industry Specs

**AC7102/4 Rev C - Nadcap Audit Criteria Gas and/or Ion Nitriding**

Nitriding – Customer Specs  
Nitriding – Industry Specs

**AC7102/5 Rev C - Nadcap Audit Criteria for Hardness and/or Conductivity Testing for Heat Treating**

Conductivity  
Hardness – Brinell  
Hardness – Portable  
Hardness – Rockwell

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

Pyrometry – Customer Specs

Pyrometry – Industry Specs  
AMS 2750

**AC7110/1 Rev G - Nadcap Audit Criteria for Brazing (Torch/Induction) (to be used on audits on/after 1 March 2015)**

Baseline (All audits)

Induction (Additional requirements)

Industry Spec – Other

Processes using Flux – (Additional requirements)

Processes using gas (Additional requirements)

Torch (Additional requirements)