

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

Aluminum Precision Products Inc

2621 S Susan St Santa Ana, CA 92704-5898 United States

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:

Heat Treating

Certificate Number: 7728194857 Expiration Date: 31 July 2021 Accreditation Length: 18 Months

Merit

Muchan Jil

Michael J. Hayward Vice President and Chief Operating Officer

Merit

Performance Review Institute (PRI) | 161 Thorn Hill Road | Warrendale, PA 15086-7527



SCOPE OF ACCREDITATION

Heat Treating

Aluminum Precision Products Inc 2621 S Susan St Santa Ana, CA 92704-5898

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:

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

AC7102S Rev I - Nadcap Supplemental Audit Criteria for Heat Treating (to be used on audits on after 7 April 2019)

U11 The Boeing Company U13 Bombardier, Inc. U14 SAFRAN Group

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

Aluminum Alloys – Customer Specs Aluminum Alloys – Industry Specs – Check any applicable boxes Industry Spec – Other

AC7102/5 Rev E - Nadcap Audit Criteria for Heat Treating - Hardness and/or Conductivity Testing (to be used on on/after 5 May 2019)

Conductivity – Customer Specs

Conductivity – Industry Specs – Check any applicable boxes

Industry Spec – Other

Hardness – Brinell – Check any applicable boxes

Industry Spec – Other

Hardness – Rockwell – Check any applicable boxes

Aluminum Precision Products Inc Santa Ana, CA

Industry Spec - Other

AC7102/8 - Nadcap Audit Criteria for Heat Treating Pyrometry

Pyrometry – Customer Specs Pyrometry – Industry Specs – Check any applicable boxes AMS2750



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

Aluminum Precision Products Inc

3333 W Warner Ave Santa Ana, CA 92704-5316 United States

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:

Heat Treating

Certificate Number: 4666194858 Expiration Date: 31 July 2021 Accreditation Length: 18 Months

Merit

Muchan /

Michael J. Hayward Vice President and Chief Operating Officer

Merit

Performance Review Institute (PRI) | 161 Thorn Hill Road | Warrendale, PA 15086-7527



SCOPE OF ACCREDITATION

Heat Treating

Aluminum Precision Products Inc 3333 W Warner Ave Santa Ana, CA 92704-5316

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:

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)

(L0) Metallography Evaluation
Industry Spec – Other L0
(L7) Near Surface Examinations – IGA, IGO

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

AC7102S Rev I - Nadcap Supplemental Audit Criteria for Heat Treating (to be used on audits on after 7 April 2019)

U11 The Boeing Company U13 Bombardier, Inc. U14 SAFRAN Group U3 Rolls–Royce PLC

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

Aluminum Alloys – Industry Specs – Check any applicable boxes

Industry Spec - Other

AC7102/5 Rev E - Nadcap Audit Criteria for Heat Treating - Hardness and/or Conductivity Testing (to be used on on/after 5 May 2019)

Conductivity – Customer Specs

Conductivity - Industry Specs - Check any applicable boxes

Industry Spec – Other

Hardness - Brinell - Check any applicable boxes

Industry Spec – Other

Hardness – Rockwell – Check any applicable boxes

Industry Spec – Other

AC7102/8 - Nadcap Audit Criteria for Heat Treating Pyrometry

Pyrometry – Customer Specs Pyrometry – Industry Specs – Check any applicable boxes AMS2750



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

Aluminum Precision Products Inc

528 E. Alton St Santa Ana, CA 92707 United States

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:

Heat Treating

Certificate Number: 7731194859 Expiration Date: 31 July 2021 Accreditation Length: 18 Months

Merit

Muchan Jil

Michael J. Hayward Vice President and Chief Operating Officer

Merit

Performance Review Institute (PRI) | 161 Thorn Hill Road | Warrendale, PA 15086-7527



SCOPE OF ACCREDITATION

Heat Treating

Aluminum Precision Products Inc 528 E. Alton St Santa Ana, CA 92707

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:

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

AC7102S Rev I - Nadcap Supplemental Audit Criteria for Heat Treating (to be used on audits on after 7 April 2019)

U11 The Boeing Company U13 Bombardier, Inc.

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

Aluminum Alloys – Customer Specs Aluminum Alloys – Industry Specs – Check any applicable boxes Industry Spec – Other

AC7102/5 Rev E - Nadcap Audit Criteria for Heat Treating - Hardness and/or Conductivity Testing (to be used on on/after 5 May 2019)

Conductivity – Customer Specs Conductivity – Industry Specs – Check any applicable boxes Industry Spec – Other Hardness – Rockwell – Check any applicable boxes Industry Spec – Other

AC7102/8 - Nadcap Audit Criteria for Heat Treating Pyrometry

Aluminum Precision Products Inc Santa Ana, CA

Pyrometry – Customer Specs Pyrometry – Industry Specs – Check any applicable boxes AMS2750