

## SCOPE OF ACCREDITATION

### Heat Treating

**Listemann AG**  
Sulzer Allee 25  
Winterthur, CH8404  
Switzerland

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 Rev A - AUDIT CRITERIA FOR NADCAP ACCREDITATION

#### AC7102 Rev K - Nadcap Audit Criteria for Heat Treating Baseline (AC7102/S and AC7102/8 must also be selected) (to be used on audits on or after 15-Aug-2021)

Brazing – AC7102/1 must also be selected  
Nickel and Cobalt Alloys – Industry Specs – Check any applicable boxes  
Nickel and Cobalt Alloys – Customer Specs  
Stainless Steels, Austenitic – Customer Specs  
Stainless Steels, Martensitic – Customer Specs  
Stainless Steels, Precipitation Hardening – Customer Specs  
Steels – Customer Specs  
Steels – Industry Specs – Check any applicable boxes  
    Industry Spec – Other – Steels  
Titanium Alloys – Customer Specs  
Titanium Alloys – Industry Specs – Check any applicable boxes  
    Industry Spec – Other – Titanium Alloys  
Vacuum Heat Treating – Customer Specs  
Vacuum Heat Treating – Industry Specs – Check any applicable boxes

#### AC7102S Rev K - Nadcap Supplemental Audit Criteria for Heat Treating (to be used on audits on/AFTER 12-Nov-2023)

U3 Rolls–Royce

#### AC7102/1 Rev F - Nadcap Audit Criteria for Heat Treating - Brazing (to be used on audits on/after 10 July 2016)

Vacuum Brazing – Customer Specs  
Vacuum Brazing – Industry Specs – Check any applicable boxes  
    Industry Spec – Other

**AC7102/5 Rev F - Nadcap Audit Criteria for Heat Treating - Hardness and/or Conductivity Testing (to be used on audits on/AFTER 30-Apr-2023)**

Hardness – Rockwell – Check any applicable boxes

Industry Spec – Other

Hardness – Vickers – Check any applicable boxes

Industry Spec – Other

**AC7102/8 Rev B - Nadcap Audit Criteria for Heat Treating Pyrometry (to be used on audits on/AFTER 27-Aug-2023)**

Pyrometry – Customer Specs

Pyrometry – Industry Specs – Check any applicable boxes

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