

Merit

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

## **Turbomecanica SA**

*BD. Iuliu Maniu 244  
Bucharest, 061126  
Romania*

*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: 4796198638  
Expiration Date: 31 August 2023  
Accreditation Length: 24 Months

**David L. Schutt, PhD**  
President

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## SCOPE OF ACCREDITATION

### Heat Treating

**Turbomecanica SA**  
BD. Iuliu Maniu 244  
Bucharest, 061126  
Romania

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**

#### **AC7101/3 Rev D - Nadcap Audit Criteria for Materials Testing Laboratories – Mechanical Testing (to be used on audits on/after 4 December 2016) \*\*\*If the Auditee holds any MTL accreditation, then this checklist must be done as part of an MTL audit.**

(A) Room Temperature Tensile – Check any applicable boxes

#### **AC7101/4 Rev F - Nadcap Audit Criteria for Materials Testing Laboratories-Metallography & Microindentation Hardness (to be used on audits on/after 14 August 2016)\*\*\* If the Auditee holds any MTL accreditation, then this checklist must be done as part of an MTL audit**

(L0) Metallography Evaluation

Industry Spec – Other L0

(L1) Microindentation (Interior)

(L10) Near Surface Examinations – Carburization/Decarburization

(L5) Near Surface Examinations – Microindentation (Surface Case Depth)

(L6) Near Surface Examinations – Nitriding

(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 BEFORE 15-Aug-2021)**

Brazing – AC7102/1 must also be selected

Carburizing – AC7102/3 must also be selected

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

Industry Spec – Other – Nickel and Cobalt Alloys

Nickel and Cobalt Alloys– Customer Specs

Nitriding – AC7102/4 must also be selected

Plating (Temporary Plating & Braze Preparation Only) – Check any applicable boxes

Customer Specs

Stainless Steels, Martensitic – Customer Specs  
Stainless Steels, Martensitic – Industry Specs – Check any applicable boxes  
    Industry Spec – Other – Stainless Steels, Martensitic  
Stainless Steels, Precipitation Hardening – Customer Specs  
Stainless Steels, Precipitation Hardening – Industry Specs – Check any applicable boxes  
    Industry Spec – Other – Stainless Steels, Precipitation Hardening  
Steels – Customer Specs  
Steels – Industry Specs – Check any applicable boxes  
    Industry Spec – Other – Steels – Industry Specs – Check any applicable boxes  
Stress Relieve – Customer Specs  
Stress Relieve – Industry Specs – Check any applicable boxes  
    Industry Spec – Other – Stress Relieve – Customer Specs  
Vacuum Heat Treating – Customer Specs  
Vacuum Heat Treating – Industry Specs – Check any applicable boxes  
    Industry Spec – Other – Vacuum Heat Treating

**AC7102S Rev J - Nadcap Supplemental Audit Criteria for Heat Treating (to be used on audits on/after 31 May 2020)**

U10 GE Aviation  
U22 Leonardo – Helicopters  
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

**AC7102/3 Rev D - Nadcap Audit Criteria for Heat Treating - Carburizing (to be used on audits on/after 10 July 2016)**

Carburizing – Customer Specs  
Carburizing – Industry Specs – Check any applicable boxes  
    Industry Spec – Other

**AC7102/4 Rev D - Nadcap Audit Criteria for Heat Treating - Gas, Ion/ Plasma and/or Salt Bath Nitriding (to be used on audits on/after 6 August 2017)**

Nitriding – Customer Specs  
Nitriding – Industry Specs – Check any applicable boxes

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

Hardness – Brinell – Check any applicable boxes  
Hardness – Rockwell – Check any applicable boxes

Hardness – Vickers – Check any applicable boxes

**AC7102/8 - Nadcap Audit Criteria for Heat Treating Pyrometry (to be used on audits before 15-Aug-2021)**

Pyrometry – Customer Specs

Pyrometry – Industry Specs – Check any applicable boxes

AMS2750