



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

## **voestalpine BOHLER Edelstahl GmbH & Co KG**

*Mariazellerstrasse 25  
Kapfenberg, 8605  
Austria*

*This certificate demonstrates conformance and recognition of accreditation for specific services, as listed in [www.eAuditNet.com](http://www.eAuditNet.com) on the Qualified Manufacturer's List (QML), to the revision in effect at the time of the audit for:*

## **Materials Testing Laboratories**

Certificate Number: 4103225971  
Expiration Date: 31 May 2026  
Accreditation Length: 24 Months

**Jay Solomond**  
Executive Vice President & Chief Operating Officer

## SCOPE OF ACCREDITATION

### Materials Testing Laboratories

**voestalpine BOHLER Edelstahl GmbH & Co KG**  
Mariazellerstrasse 25  
Kapfenberg, 8605  
Austria

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**

#### **AC7101/1 Rev H - Nadcap Audit Criteria for Materials Testing Laboratories – General Requirements for All Laboratories (to be used on audits on/AFTER 10-Dec-2023)**

#### **AC7101/2 Rev E - Nadcap Audit Criteria for Materials Testing Laboratories – Chemical Analysis (to be used on audits on/after 30 August 2020)**

- (F) Atomic or Optical Emission Spectroscopy (AES or OES)
    - (F2) Atomic Emission Spectroscopy – Inductively Coupled Plasma (ICP–OES/AES)
    - (F3) Atomic Emission Spectroscopy – Spark/Arc (S/A–OES)
  - (G) Elemental Analysis (Combustion or Fusion)
    - (G1) Carbon
    - (G2) Hydrogen
    - (G3) Nitrogen
    - (G4) Oxygen
    - (G5) Sulfur
  - (S) X–Ray Fluorescence (XRF)
  - (V) Mass Spectrometry
- Specify the Alloy Base for Accreditation
- Fe Base
  - Ni Base
  - Ti Base

#### **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
- (B) Elevated Temperature Tensile
- (C) Stress Rupture

- (N) Impact
- (P) Fracture Toughness

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

- (L0) Metallographic Evaluation
- (L1) Microindentation (Interior)
- (L10) Near Surface Examinations – Carburization / Decarburization
- (L11) Grain Size
- (L12) Inclusion Rating
- (L8) Near Surface Examinations – Alpha Case: Wrought Titanium
- (XL) Macro Examination

**AC7101/5 Rev D - Nadcap Audit Criteria for Materials Testing Laboratories – Hardness Testing (Macro) (to be used on audits BEFORE 07-May-2023)**

- (M1) Brinell Hardness
- (M2) Rockwell Hardness
- (M3) Vickers Hardness

**AC7101/6 Rev D - Nadcap Audit Criteria for Materials Testing Laboratories – Corrosion (to be used on/after 1 July 2018)**

- (Q1) Detecting susceptibility to intergranular attack in austenitic stainless steel
  - (Q1–4A) Copper–Copper Sulfate– 16% Sulfuric Acid Test “Strauss test” (bend test)

**AC7101/7 Rev D - Nadcap Audit Criteria for Materials Testing Laboratories – Mechanical Testing Specimen Preparation (to be used on audits on/after 15 May 2016)**

- (Z) Standard Specimen Machining

**AC7101/9 Rev C - Nadcap Audit Criteria for Materials Testing Laboratories – Specimen Heat Treating (to be used on/after 15 January 2017)**

**AC7101/14 Rev NA - Nadcap Audit Criteria for Materials Testing Laboratories – Proficiency Testing and Internal Round Robin Requirements for ALL Laboratories (to be used on audits on/AFTER 10-Dec-2023)**

**ISO/IEC - Currently accredited by an ILAC approved source**

**Lab Type - Lab Type**

Captive