



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc. has assessed the Laboratory of:

ATI Primary Titanium Operations- ATI Richland Operations
3101 Kingsgate Way, Richland, WA 99354

(Hereinafter called the Organization) and hereby declares that Organization is accredited in accordance with the recognized International Standard:

ISO/IEC 17025:2017

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (as outlined by the joint ISO-ILAC-IAF Communiqué dated April 2017):

Chemical Testing
(As detailed in the supplement)

Accreditation claims for such testing and/or calibration services shall only be made from addresses referenced within this certificate. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation body's duty to observe and comply with the said rules.

For PJLA:

Tracy Szerszen
President

Perry Johnson Laboratory
Accreditation, Inc. (PJLA)
755 W. Big Beaver, Suite 1325
Troy, Michigan 48084

Initial Accreditation Date:

December 24, 2013

Issue Date:

October 16, 2021

Expiration Date:

December 31, 2023

Accreditation No.:

76665

Certificate No.:

L21-629

The validity of this certificate is maintained through ongoing assessments based on a continuous accreditation cycle. The validity of this certificate should be confirmed through the PJLA website: www.pjllabs.com



Certificate of Accreditation: Supplement

ATI Primary Titanium Operations-ATI Richland Operations

3101 Kingsgate Way, Richland, WA 99354
 Contact Name: Chris Hanson Phone: 541-917-6769

Accreditation is granted to the facility to perform the following testing:

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	RANGE (WHERE APPROPRIATE) AND DETECTION LIMIT
Chemical Testing ^F	Metal Alloys: Al	Element Concentrations	XRF - ASTM E539	0.003 % to 8.1 %
	Metal Alloys: Co			0.002 % to 0.07 %
	Metal Alloys: Cr			0.001 % to 3.9 %
	Metal Alloys: Cu			0.001 % to 2.6 %
	Metal Alloys: Fe			0.008 % to 2.2 %
	Metal Alloys: Mn			0.001 % to 11.8 %
	Metal Alloys: Mo			0.001 % to 15 %
	Metal Alloys: Nb			0.001 % to 7.1 %
	Metal Alloys: Ni			0.005 % to 0.77 %
	Metal Alloys: Pd			0.001 % to 0.19 %
	Metal Alloys: Ru			0.001 % to 0.41 %
	Metal Alloys: Si			0.009 % to 0.67 %
	Metal Alloys: Sn			0.003 % to 11.1 %
	Metal Alloys: Ta			0.01 % to 0.09 %
	Metal Alloys: V			0.002 % to 15.1 %
	Metal Alloys: W			0.01 % to 1.56 %
	Metal Alloys: Y			0.000 2 % to 0.01 %
	Metal Alloys: Zr			0.01 % to 5.9 %
	Metals: C			Carbon
	Metals: N	Oxygen and Nitrogen	Inert Gas Fusion: ASTM E1409	0.005 % to 0.013 %
Metals: O	0.045 % to 0.32 %			

1. The presence of a superscript F means that the laboratory performs calibration of the indicated parameter at its fixed location. Example: Chemical Testing^F would mean that the laboratory performs this calibration at its fixed location.