

TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

Legal Name of Accredited Laboratory: Tekna Plasma Systems Inc.

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SCC File Number:	151279
Provider:	BNQ-EL
Provider File Number:	61086-1
Accreditation Standard(s):	ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories
Fields of Testing:	Chemical/Physical
Initial Accreditation:	2022-04-29
Most Recent Accreditation:	2022-04-29
Accreditation Valid to:	2026-04-29

Remarque: La présente portée d'accréditation existe également en français, sous la forme d'un document distinct.

Note: This scope of accreditation is also available in French as a separately issued document.

METALLIC ORES AND PRODUCTS

Metallic Ores:

Metal Powders

ASTM B964	Standard Test Methods for Flow Rate of Metal Powders Using the Carney Funnel
ASTM B212	Standard Test Method for Apparent Density of Free-Flowing Metal Powders Using the Hall Flowmeter Funnel
ASTM B213	Standard Test Methods for Flow Rate of Metal Powders Using the Hall Flowmeter Funnel
ASTM B214	Standard Test Method for Sieve Analysis of Metal Powders
ASTM B417	Standard Test Method for Apparent Density of Non-Free-Flowing Metal Powders Using the Carney Funnel
ASTM B527	Standard Test Method for Tap Density of Metal Powders and Compounds
ASTM E1409	Standard Test Method for Determination of Oxygen and Nitrogen in Titanium and Titanium Alloys by Inert Gas Fusion
ASTM E1447	Standard Test Method for Determination of Hydrogen in Titanium and Titanium Alloys by Inert Gas Fusion Thermal Conductivity/Infrared Detection Method
ASTM E2371	Standard Test Method for Analysis of Titanium and Titanium Alloys by Direct Current Plasma and Inductively Coupled Plasma Atomic Emission Spectrometry (Performance-Based Test Methodology) (Al, V, Fe, Cu, Sn, Y, B, Co, Cr, Mn, Mo, Nb, Ni, Ta, W, Zr)
ISO 13320	Particle size analysis – Laser diffraction methods
INLAB-113	Analysis of oxygen, hydrogen and nitrogen in aluminum powder

Number of Scope Listings: 11

Notes:

ISO/IEC 17025:2017 : General Requirements for the Competence of Testing and Calibration Laboratories

ASTM : ASTM International

ISO : International Standards Organization methods

INLAB : internal method



This document forms part of the Certificate of Accreditation issued by the Standards Council of Canada (SCC). The original version is available in the Directory of Accredited Laboratories on the SCC website at www.scc.ca.

Elias Rafoul
Vice-President, Accreditation Services
Publication on: 2022-05-20