



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

GLOBAL TUNGSTEN & POWDERS CORP.  
MATERIALS ANALYSIS LABORATORIES  
1 Hawes Street  
Towanda, PA 18848  
Janet Otis Phone: 570 268 5536

MECHANICAL

Valid To: December 31, 2020

Certificate Number: 0342.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on Ceramics, Metals and Alloys:

<u>Test</u>	<u>Method(s)</u>
Hardness	
Rockwell & Superficial (A, B, C, 15N, 30N)	ASTM E18, B294
Microhardness (Vickers 300g)	ASTM E384, B933
Vickers (15 kgf)	ASTM E384, E92
Metallography	
Grain Size	ASTM E112
Microetching	ASTM E407
Microstructure	GTP TPM 0050*
Sample Preparation	ASTM E3, E1920, B925
Physical Properties	
Density	ASTM B331, B329, B311, B923
Particle Size Distribution	ASTM B822, B821, B859
Surface Area	ASTM B922, C1274
Tension (RT – 1300 °C, <= 60 klbs)	
Compression	ASTM E9
Tensile	ASTM E8/E8M, E21, C633
Transverse Rupture Strength	ASTM B406, B528, B312

\* In-House Method



## *Accredited Laboratory*

A2LA has accredited

**GLOBAL TUNGSTEN & POWDERS CORP.**

*Towanda, PA*

for technical competence in the field of

**Mechanical Testing**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 27<sup>th</sup> day of February 2019.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 0342.02  
Valid to December 31, 2020

*For the tests to which this accreditation applies, please refer to the laboratory's Chemical Scope of Accreditation.*