



THE AMERICAN ASSOCIATION FOR
LABORATORY ACCREDITATION

ACCREDITED LABORATORY

A2LA has accredited

GLOBAL TUNGSTEN & POWDERS

Towanda, PA

for technical competence in the field of

Chemical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *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 8 January 2009*).



Presented this 30th day of March 2009.

A handwritten signature in cursive script, reading "Peter Abney".

President

For the Accreditation Council

Certificate Number 0342.01

Valid to December 31, 2010

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

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

GLOBAL TUNGSTEN & POWDERS
MATERIALS ANALYSIS LABORATORIES

1 Hawes Street
Towanda, PA 18848
Jeffrey N. Dann Phone: 570 268 5343

CHEMICAL

Valid To: December 31, 2010

Certificate Number: 0342.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests for Refractory Powders, Parts and Wire, especially Tungsten and Molybdenum, Phosphors, Ceramics, other Inorganic Materials, including waste water and solid wastes:

<u>Test Technology</u>	<u>Test Methods</u>
Chromatography	
Ion	TCQ0068
Electron Microscopy	
SEM/EDS	TEQ0462
Miscellaneous	
Combustion (C, S)	TCQ0455
Inert Gas Fusion (N ₂ , O ₂)	TCQ0446
Ignition	TCC-B05
Specific Ion Electrode (Ammonia)	SM 4500-NH3-D
Thermal Gravimetric Analysis	TCT1078
Surface Analysis Techniques	
AES (Auger Electron Spectroscopy)	TEQ0021
SNMS (Sputtered Neutral Mass Spectrometry)	TEQ0030
XPS (X-ray Photoelectron Spectroscopy; ESCA)	TEQ0012
Wet Chemistry Measurements	
Titrimetric	TCQ0086

Test Technology

Spectroscopy

Atomic Absorption (Flame)
Atomic Absorption (Graphite Furnace)
DC Arc Spark Optical Emission
FTIR and FT/RAMAN
ICP Mass Spectroscopy
ICP Optical Emission
Mass Spectrometry - Glow Discharge
Ultraviolet/Visible
X-ray Fluorescence - Wavelength Dispersive
X-ray Diffraction

Test Methods

TCQ0014
TCQ0023
TSQ0016
TEQ0066, TEQ0372
TCQ0536
TCQ0275
TMQ0022
TCQ0518
TFQ0011
TDQ0022