Laboratory Accreditation Bureau

Certificate of Accreditation

ISO/IEC 17025:2005 Certificate Number L1170-1

PMX Industries, Inc.
5300 Willow Creek Drive SW
Cedar Rapids, IA 52404

has met the requirements set forth in L-A-B's policies and procedures, and all requirements of 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 January 2009).

Accreditation valid through February 7, 2014

R. Douglas Leonard, Jr., Managing Director
Laboratory Accreditation Bureau
Presented the 7th of February 2011

*Laboratory Accreditation Bureau is found to be in compliance with ISO/IEC 17011:2004 and recognized by ILAC (International Laboratory Accreditation Cooperation) and NACLA (National Cooperation for Laboratory Accreditation).

LABORATORY ACCREDITATION BUREAU

Certificate # L1170-1

Scope of Accreditation For PMX Industries, Inc.

5300 Willow Creek Drive SW
Cedar Rapids, IA 52404
Ovais Ahmed
319-368-7700

In recognition of a successful assessment to ISO/IEC 17025 2005, accreditation is granted to **PMX Industries, Inc.** to perform the following tests:

Accreditation granted through: **February 7, 2014**

Testing

Technology	Range, when necessary	Methods Used	Product Types	Remarks
Optical Emission Spectrometry		ASTM E 1251	Copper Based Alloys	
X-Ray Spectrometry		ASTM E 1621	Copper Based Alloys	
Oxygen Analysis		ASTM E 1019	Copper Based Alloys	
Bend	0.003 in to 0.031 in (thickness)	ASTM B 820 ASTM E 290	Copper Based Alloys	
Micro Hardness		ASTM E 384 ASTM E 92	Copper Based Alloys	Vickers Scale Loads of .01, .025, .05, 0 .1, 0.2, 0 .3, 0.5, 1, 5, 10, & 30Kg
Rockwell / Rockwell Superficial		ASTM E 18	Copper Based Alloys	HR 15T, HR 30T, HRF, HRB Scales
Tension		ASTM E 345 ASTM E 8	Copper Based Alloys	Flat Products
Grain Size		ASTM E 112	Copper Based Alloys	By Comparison Method
Preparation		ASTM E 3	Copper Based Alloys	

LABORATORY ACCREDITATION BUREAU

Certificate # L1170-1

Technology	Range, when necessary	Methods Used	Product Types	Remarks
Conductivity		ASTM E 1004	Copper Based Alloys	%IACS
Surface Roughness		ASME B.46.1	Copper Based Alloys	
Coating Thickness		ASTM B 568	Copper Based Alloys	Tin Coating over Copper or Copper Alloy Base

Notes:

1) This laboratory offers commercial testing service.

Approved by: _____ Date: February 7, 2011

R. Douglas Leonard Jr.
Chief Technical Officer

Re-Issued: 2/7/11