



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

Rocky Mountain Reference Material, LLC
5749 S. Jay St.
Littleton, CO 80123

has been assessed by ANAB
and meets the requirements of international standard

ISO 17034:2016

while demonstrating technical competence in the field of

Reference Material Producer

Refer to the accompanying Scope of Accreditation for information regarding the types of materials to which this accreditation applies.

AR-2528

Certificate Number



ANAB Approval

Certificate Valid 11/28/2017-11/28/2019
Version No. 001 Issued: 11/28/2017





SCOPE OF ACCREDITATION TO ISO 17034:2016

Rocky Mountain Reference Materials, LLC

5749 S. Jay St.
Littleton, CO 80123

Contact: Daniel Geist Phone: (720) 943-7676
Email: daniel@rmmr.com

REFERENCE MATERIAL PRODUCER

Valid to: **November 28, 2019**

Certificate Number: **AR-2528**

Metals

Sub-Category of Reference Material	ILAC RM Category	Class or Type of Reference Materials Produced (Include Range Where Applicable)	Methods or Techniques Used by the RMP (if Appropriate)
CP Iron & Iron alloys (Including Cast Irons) Carbon Steels (including Rephosphorized & Resulfurized Carbon Steels) Low Alloy Steels (Including Tool Steel Alloys) High Alloy Steels (Including Stainless & High Temperature Steels)	A1.1	Certified Reference Materials for Elemental Chemistry Al to Zr (% Level Elements) Uncertainty: (0.5 to 10) %	Measurements carried out using a variety of analytical methods including but not limited to: WD-XRF, ED-XRF, AS-AES, DCA-AES, HC-AES, GD-AES, GD-MS, DCP-AES, ICP-AES, ICP-MS, AA, GF-AA, Inert Gas Fusion and Combustion Techniques, Classical Wet Chemistry, etc. As applicable by the elemental concentration of concern and its corresponding matrix, and of demonstrable accuracy.
CP Aluminum & Aluminum alloys CP Zinc & Zinc alloys CP Magnesium & Magnesium alloys CP Copper & Copper alloys (Including Brass & Bronze Alloys) CP Nickel & Nickel alloys CP Cobalt & Cobalt alloys	A1.2	Al to Zr (< % Level Elements) Uncertainty: (1 to 20) %	
CP Titanium & Titanium alloys CP Zirconium & Zirconium alloys	A1.4		






Metals

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Notes:

1. Please contact the RMP organization for more information on CRM uncertainty values, Ucrm values, and other specific lot values. Some of this information may also be available on the RMP's website.
2. This scope is formatted as part of a single document including Certificate of Accreditation No. AR-2528.



 Vice President

