



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

MATERION BRUSH, INC.
Reading Metallurgical Laboratory
230 Shoemakersville Road
Shoemakersville, PA 19555
Mark Cairnie Phone: 610 562 6628

MECHANICAL

Valid To: December 31, 2020

Certificate Number: 0339.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on metals and alloys, primarily copper and beryllium alloys in strip, and rod and wire metal forms:

<u>Test</u>	<u>Internal Test Method(s)</u>	<u>Standard Test Method(s)</u>
Tensile, Yield (≤ 30000 lbs)	QCT-0036	ASTM E8, E345
Rockwell Hardness (HRC, HRBW, HR30N, HR15N, HR30T, HR15T)	QCT-0054	ASTM E18
Microhardness: Vickers (50 to 1000) g	QCT-0052	ASTM E384
Conductivity	QCT-0053	
Solderability	QCT-0039, -0058	
Scroll	QCT-0037	
Metallography		
Grain Size	QCT-0038	ASTM E112, E930, E1181
Ductility		
90° Bend	QCT-0040	ASTM B820
180° Bend	QCT-0035	ASTM B820



Accredited Laboratory

A2LA has accredited

MATERION BRUSH, INC.

Shoemakersville, 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 11th day of January 2019.

A blue ink signature of the Senior Director of Accreditation Services.

Senior Director, Accreditation Services
For the Accreditation Council
Certificate Number 0339.02
Valid to December 31, 2020

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