

# Scope of Accreditation For Verichek Technical Services Inc.

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In recognition of a successful assessment to ISO/IEC 17025:2005 to the following Calibration and Measurement Capabilities, accreditation has been granted to **Verichek Technical Services Inc.** for the following:

Accreditation Granted Through: **July 15, 2017**

## Calibration

### Amount of Substance – Chemical

Calibration Parameter/Equipment <sup>3</sup>	Range	Expanded Uncertainty of Measurement (+/-)	Remarks
Optical Emission Spectroscopy	Matrix Dependent	See Note 3	ASTM E305

## Testing


### Testing - Chemical

Technology	Range, when necessary	Methods Used	Product Types	Remarks
Positive Metal Identification		ASTM E415 ASTM E1476 ASTM E1916	Metals	Elemental Analysis (OES and x-Ray)
Positive Metal Identification		ASTM E1476 ASTM E1916	Metals	Sorting-Qualitative (OES and x-Ray)
Spark Testing		ASTM E1476 ASTM E1916	Metals	Sorting-Qualitative

Calibration and Measurement Capability (CMC) is expressed in terms of the measurement parameter, measurement range, expanded uncertainty of measurement and remarks. The expanded uncertainty of measurement is expressed as the standard uncertainty of the measurement multiplied by a coverage factor of 2 (k=2), corresponding to a confidence level of approximately 95%.

Notes:

- 1) This laboratory offers commercial testing services and inspection services.
- 2) Services offered both in-house and on-site.
- 3) The uncertainty of measurement varies depending upon the element (matrix) involved. Uncertainty estimates are available upon request.

Approved by:   
R. Douglas Leonard  
Chief Technical Officer

Date: July 6, 2016