

# Scope of Accreditation For Fies Scales & Systems 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 **Fies Scales & Systems Inc.** for the following:

Accreditation granted through: **August 1, 2019**

## Calibration

### Mass – Scales and Balances <sup>1</sup>

Calibration Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-) <sup>2</sup>	Remarks
Balances	(0 to 500) g	0.007 g	ASTM E617 Class 1 Weights, NIST Handbook 44 and OEM Specifications utilized for the calibration of Weighing Systems
Scales	(0 to 100) lb	0.012 lb	NIST 105-1 Class F Weights, NIST Handbook 44 and OEM Specifications utilized for the calibration of Weighing Systems
	(100 to 5 000) lb	0.74 lb	
	(5 000 to 20 000) lb	1.7 lb	
	(20 000 to 200 000) lb	22 lb	

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) Laboratory offers calibration services at the laboratory's own facilities and at the client or other agreed upon facilities.
- 2) The CMC for scales and balances is highly dependent upon the resolution of the unit under test. The CMC presented here does not include the resolution of the unit under test. The resolution will be included in the reported measurement uncertainty at the time of calibration.

Approved by: \_\_\_\_\_



R. Douglas Leonard  
Chief Technical Officer

Date: September 21, 2016