

Scope of Accreditation

For

Circuit Scale, Inc

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Don Herzberg
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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 **Circuit Scale, Inc.** for the following:

Accreditation granted through: **March 28, 2018**

Calibration

Mass – Scale and Balances ¹

Calibration Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Remarks
Analytical Balances (0.0001 g Resolution)	(0 to 100) g	0.34 mg	ASTM E617 Class 1 Weights, Canadian Weights and Measures Act and NIST Handbook 44 utilized for the calibration of the Weighing System
(0.001 g Resolution)	(0 to 380) g	1.4 mg	
(0.01 g Resolution)	(0 to 1 000) g	6.6 mg	
(0.1 g Resolution)	(0 to 5 000) g	98 mg	
(1 g Resolution)	(0 to 2 000) g	0.58 g	
Industrial Scales ² (0.5 g Resolution)	(0 to 1 000) g	0.29 g	Standard Weights per Measurement Canada Schedule IV Part III of <i>Weights and Measurements Act and Regulations</i> (OIML Class M1) and NIST Handbook 44 utilized for the calibration of the Weighing System
(2 g Resolution)	(0 to 10 000) g	1.2 g	
(0.01 kg Resolution)	(0 to 100) kg	16 g	
(0.5 kg Resolution)	(0 to 2 000) kg	0.67 kg	
(5 kg Resolution)	(0 to 20 000) kg	21 kg	
(10 kg Resolution)	(0 to 100 000) kg	22 kg	

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) Industrial Scales includes but not limited to lab balances, bench scales, floor scales, tank and hopper scales and vehicle scales.

Approved by: 
R. Douglas Leonard
Chief Technical Officer

Date: April 1, 2015

Re-issued: 4/1/15