

# Scope of Accreditation

## For

### Indianapolis Scale Company, Inc. d.b.a. River Region Scale Company

10262 Leases Corner Court  
Camby, IN 46113  
Dave Poorman  
317-856-6606

In recognition of a successful assessment to ISO/IEC 17025:2005, accreditation is granted to **Indianapolis Scale Company, Inc.** to perform the following Calibrations:

Accreditation granted through: **May 6, 2013**

## Calibration

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

Calibration Parameter/Equipment	Range	Calibration and Measurement Capability(+/-) <sup>2</sup>	Remarks
Class I Lab Balances and High Precision Scales: (0.1 mg resolution) (1 mg resolution) (10 mg resolution) (100 mg resolution)	0 kg to 1 kg 0 kg to 1 kg 0 kg to 16 kg 0 kg to 16 kg	0.0032 g 0.0049 g 0.051 g 0.39 g	ASTM E617 Class 1 weights and NIST Handbook 44 utilized for the calibration of the weighing system.
Class II Lab Balances and High Precision Scales: (10 mg resolution) (100 mg resolution) (1 g resolution)	0 kg to 1 kg 0 kg to 10 kg 0 kg to 100 kg	0.041 g 0.41 g 4.1 g	ASTM E617 Class 1 and Class 2 weights and NIST Handbook 44 utilized for the calibration of the weighing system.
Industrial Scales (0.001 lb Resolution) (0.005 lb Resolution) (0.01 lb Resolution) (0.05 lb Resolution) (0.1 lb Resolution) (0.5 lb Resolution) (1.0 lb Resolution) (5.0 lb Resolution)	0 lb to 10 lb 0 lb to 50 lb 0 lb to 100 lb 0 lb to 500 lb 0 lb to 1 000 lb 0 lb to 5 000 lb 0 lb to 10 000 lb 0 lb to 50 000 lb	0.0025 lb 0.012 lb 0.025 lb 0.12 lb 0.25 lb 1.2 lb 2.5 lb 12 lb	NIST Class F weights and NIST Handbook 44 utilized for the calibration of the weighing system.

Calibration Parameter/Equipment	Range	Calibration and Measurement Capability(+/-) <sup>2</sup>	Remarks
Vehicle Scales (10 lb Resolution) (20 lb Resolution)	0 lb to 100 000 lb 0 lb to 200 000 lb	25 lb 52 lb	NIST Class F weights and NIST Handbook 44 utilized for the calibration of the weighing system.

**Mass – Force**

Calibration Parameter/Equipment	Range	Calibration and Measurement Capability(+/-) <sup>2</sup>	Remarks
Force Measurement – Tension and Compression (0.01 lb resolution) (0.1 lb resolution) (0.2 lb resolution) (0.5 lb resolution) (1 lb resolution)	0 lbf to 11 lbf 0 lbf to 110 lbf 0 lbf to 220 lbf 0 lbf to 500 lbf 0 lbf to 1000 lbf	0.042 lbf 0.42 lbf 0.85 lbf 2.12 lbf 4.24 lbf	ASTM E617 Class 6 test weights used for comparison
Force Measurement – Tension and Compression (0.1 lb resolution) (0.5 lb resolution) (1 lb resolution)	0 lbf to 1000 lbf 0 lbf to 10 000 lbf 0 lbf to 22 000 lbf	3.71 lbf 37.2 lbf 82 lbf	Load cells used for comparison

**Notes:**

- 1) Laboratory offers calibration services at the laboratory's own facilities and at the client or other agreed upon facilities.
- 2) Calibration and Measurement Capability represents expanded uncertainties at approximately a 95% confidence level using a coverage factor of k=2.

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

R. Douglas Leonard  
Chief Technical Officer

Date: June 14, 2011