



Laboratory
Accreditation
Bureau

Certificate of Accreditation

ISO/IEC 17025:2005

Certificate Number L2114-1

Ashland Scale Company, Inc.
2210 Rocky Lane
Ashland, OH 44805

has met the requirements set forth in L-A-B's policies and procedures, and all requirements of ISO/IEC 17025:2005
"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 January 2009).

Accreditation valid through March 18, 2014

R. Douglas Leonard, Jr., Managing Director
Laboratory Accreditation Bureau
Presented the 17th of May 2011

*Laboratory Accreditation Bureau is found to be in compliance with ISO/IEC 17011:2004 and recognized by ILAC (International Laboratory Accreditation Cooperation) and NACLA (National Cooperation for Laboratory Accreditation).

Scope of Accreditation For Ashland Scale Company, Inc.

2210 Rocky Lane
Ashland, OH 44805
Fred Gottfried
419-289-2235

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

Accreditation granted through: **March 18, 2014**

Calibration

Mass – Scales and Balances

Calibration Parameter/Equipment ¹	Range	Calibration and Measurement Capability(+/-)	Remarks
Laboratory Balances ² (0.01 g Resolution)	(0 to 6100) g	0.019 g	ASTM E617 Class 1 Weights and Handbook 44 utilized for the calibration of the Weighing System
Industrial Scales ³ (0.0002 lb Resolution)	(0 to 2) lb	0.00033 lb	
(0.0005 lb Resolution)	(0 to 5) lb	0.00082 lb	NIST 105-1 Class F Weights and Handbook 44 utilized for the calibration of the Weighing System
(0.001 lb Resolution)	(0 to 25) lb	0.003 lb	
(0.002 lb Resolution)	(0 to 60) lb	0.0063 lb	
(0.005 lb Resolution)	(0 to 50) lb	0.0082 lb	
(0.01 lb Resolution)	(0 to 100) lb	0.016 lb	
(0.02 lb Resolution)	(0 to 200) lb	0.03 lb	
(0.05 lb Resolution)	(0 to 500) lb	0.08 lb	
(0.1 lb Resolution)	(0 to 1000) lb	0.2 lb	
(0.2 lb Resolution)	(0 to 2000) lb	0.3 lb	
(0.5 lb Resolution)	(0 to 5000) lb	0.6 lb	
(1 lb Resolution)	(0 to 10 000) lb	1.2 lb	
(2 lb Resolution)	(0 to 20 000) lb	2.3 lb	

Calibration Parameter/Equipment ¹	Range	Calibration and Measurement Capability(+/-)	Remarks
(10 lb Resolution)	(0 to 70 000) lb	12 lb	NIST 105-1 Class F Weights and Handbook 44 utilized for the calibration of the Weighing System
(50 lb Resolution)	(0 to 50 000) lb	58 lb	
(1 g Resolution)	(0 to 5) kg	1.3 g	
(1 g Resolution)	(0 to 30) kg	2.3 g	
(20 kg Resolution)	(0 to 27 000) kg	23 kg	
Vehicle Scales			NIST 105-1 Class F Weights and Handbook 44 utilized for the calibration of the Weighing System
(20 lb Resolution)	(0 to 200 000) lb	23 lb	
(50 lb Resolution)	(0 to 500 000) lb	58 lb	

Mass – Mass Artifacts


Calibration Parameter/Equipment	Range	Calibration and Measurement Capability(+/-)	Remarks
Mass Standards	0.01 lb	1.2 μlb	ASTM E617 Class 3 Weights and NIST SOP 8
	0.02 lb	0.3 μlb	
	0.05 lb	1.9 μlb	
	0.1 lb	2.9 μlb	
	0.2 lb	4 μlb	
	0.25 lb	4.2 μlb	
	0.5 lb	7.5 μlb	
	1 lb	30.9 μlb	
	2 lb	37.5 μlb	
	5 lb	66.1 μlb	
	10 lb	121.3 μlb	
	20 lb	374.5 μlb	
	25 lb	396.8 μlb	
	50 lb	639.3 μlb	
	1 g	210 μg	
	2 g	230 μg	
	5 g	270 μg	
10 g	340 μg		
20 g	440 μg		

Calibration Parameter/Equipment	Range	Calibration and Measurement Capability(+/-)	Remarks
Mass Standards	50 g	710 μ g	ASTM E617 Class 3 Weights and NIST SOP 8
	100 g	0.0012 g	
	200 g	0.0023 g	
	500 g	0.014 g	
	1 kg	0.017 g	
	2 kg	0.026 g	
	3 kg	0.037 g	
	5 kg	0.059 g	
	10 kg	0.17 g	
	20 kg	0.27 g	
	25 kg	0.27 g	

Calibration and Measurement Capability (CMC) represents expanded uncertainties at approximately a 95% confidence level using a coverage factor of k=2.

Notes:

- 1) Laboratory offers calibration services at the laboratory's own facilities and at the client or other agreed upon facilities.
- 2) Class F Weights used on site.
- 3) Industrial Scales include Bench Scales, Floor Scales, Tank and Hopper Scales, Crane Scales.

Approved by: 
R. Douglas Leonard
Chief Technical Officer

Date: May 13, 2011