



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

Koenig Scale Company, Inc.
4779 East Margaret Drive
Terre Haute, IN 47803

has been assessed by ANAB
and meets the requirements of international standard

ISO/IEC 17025:2005

while demonstrating technical competence in the fields of

CALIBRATION

Refer to the accompanying Scope of Accreditation for information regarding the types of calibrations and/or tests to which this accreditation applies.

L1126-1

Certificate Number



ANAB Approval

Certificate Valid: 08/21/2018-12/28/2020
Version No. 002 Issued: 08/21/2018



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. 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 April 2017).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Koenig Scale Company, Inc.

4779 East Margaret Drive
 Terre Haute, IN 47803
 Kurt Koenig
 812-877-6121

CALIBRATION

Valid to: **December 28, 2020**

Certificate Number: **L1126-1**

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-) ³	Reference Standard, Method, and/or Equipment
Class I and High Precision Lab Balances	(0.001 to 10) g (10.1 to 35 000) g	0.000 56 % Applied Load 0.000 2 % Applied Load	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	(0.01 to 20 000) g (20 001 to 35 000) g	0.000 62 % Applied Load 0.001 7 % Applied Load	
Class III & Equivalent Industrial Scales ²	(0.001 to 100 000) lb (0.000 1 to 1 000) kg	0.01 % Applied Load 0.01 % Applied Load	NIST Class F weights and NIST Handbook 44 utilized for the calibration of the weighing system.
Class III L Vehicle and Hopper Scales	(5 to 30 000) lb (30 001 to 200 000) lb	0.058 % Applied Load 0.035 % Applied Load	
Unmarked and High-Resolution Scales	(0.000 01 lb to 50 000 lb) (1 mg to 35 kg) (35.1 kg to 1 000 kg)	0.005 9 % Applied Load 0.000 22% Applied Load 0.003 7% Applied Load	ASTM E617 Class 1 weights, NIST Class F weights and NIST Handbook 44 utilized for the calibration of the weighing system.

Calibration and Measurement Capability (CMC) is expressed in terms of the measurement parameter, measurement range, expanded uncertainty of measurement and reference standard, method, and/or equipment. 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. On-site calibration service is available for this parameter, since on-site conditions are typically more variable than those in the laboratory, larger measurement uncertainties are expected on-site than what is reported on the accredited scope.
2. Industrial Scales include Bench Scales, Counting Scales, Portable Scales, Floor Scales, Crane/Hanging Scales, Tank and Hopper Scales, and Forklift/Lift Truck Scales.
3. The CMCs for balances and scales are highly dependent on the resolution of the unit under test. The CMCs presented here do not include the resolution of the unit under test. The resolution will be included in the reported uncertainty at the time of calibration.
4. This scope is formatted as part of a single document including Certificate of Accreditation No. L1126-1.



Vice President

