RICELAKE

Certificate of Weight Calibrat

ISO/IEC 17025:2017 & ANSI/NCSL-Z540-1-1994 ACCREDITED

Traceable Certificate Number: 3903695

SYSTEM SCALE (EVANSVILLE) Contractor:

4901 N ST JOSEPH AVE **EVANSVILLE, IN 47720**

Purchase Order Number:

PO-053857

Client:

KOENIG SCALE

4779 E MARGARET DR TERRE HAUTE IN 47803

Date Received: **Date Calibrated:** 10 Jun 2025

Recalibration Date:

13 Jun 2025 13 Jun 2027

NIST Certificate Number:

684/0-0000035150-22

If there are two NIST numbers, one or both may apply Calibrated By:

Procedure:

WI05-0095 Rev. E

Condition of Weights:

Acceptable for Calibration

Description of Weights:

50 lb Satin Finish Grip Handle Weight, ASTM Class 1, S/N 14ZX

Comments:



	Key Notes
Finish	* Indicates the weight does not meet the finish requirements
Material	Indicates the weight does not meet the material requirements
New Wt	Indicates new weight
Missing Wt	▲ Indicates replaced missing weight with new weight
Damaged Wt	Indicates replaced damaged weight
Replaced OOT	★ Indicates replaced out of tolerance weight
OOT	Indicates correction plus or minus Uncertainty greater than or equal to MPE
Magnetic Wt	★★Indicates replaced magnetic weight
Design	Indicates the weight does not meet the design or shape requirements

Repainted	Indicates the weight was repainted after As Found obtained
Other	See comments above
Oh a taraka a la sal	state exercise for postification of compliance on Legal for Trade items. The weigh

	C169	aning re	veis						
Α	Dusted with brush or cloth								
В	Spot cleaned with ethyl alcohol								
С	Full surface cleaned with et	thyl alcohol							
D	Spot cleaned with non-alcohol solvent followed by ethyl alcohol								
Ε	Full surface cleaned with non-alcohol solvent followed by ethyl alcohol								
F	No cleaning performed								
	Materia	d Abbre	viations						
AL	Aluminum	TA	Tantalum						
SS	Stainless Steel	BR	Brass						
CI	Cast Iron	PL	Platinum						
IR	Iron	NS	Nickel Silver						

OR Other/Unknown

Oleanina Laviele

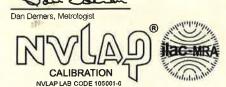
Check with your local state agency for certification of compliance on Legal-for-Trade items. The weight accuracy class is referenced in the Description of Weights. Unless otherwise noted, the weights calibrated meet the requirements of the accuracy class. Results relate only to weights calibrated. The Surface Finishes of weights are evaluated visually. Weights are screened for magnetism using work instruction WI05-0035 when they are new, when requested by the customer or when weights are suspected of not meeting specifications. Density if measured is measured using OIML R111-1 (2004) method A2. Conventional Mass is reported based on a reference density of 8.0 g/cm³. The Uncertainty of Measurement is included in the determination of Maximum Permissible Error (MPE) Pass/Fail Criteria. The specifications for Maximum Permissible Error (MPE) can be found in NIST Handbook 105-1 (2019), NIST Handbook 105-1 (1990), ASTM E617-23 or OIML R111-1 (2004), manufacturer specifications or customer specifications.

MS

Mild Steel

The Uncertainty assigned to the Conventional Mass values are the result of the root-sum-square of the type A and type B components, calculated in accordance with NIST SOP 29 and the Guide to the expression of uncertainty in measurement, with coverage factor (k=2), to express the expanded uncertainty with an approximate 95,45% confidence level. This report is not to be used to claim product certification, approval, or endorsement by NVLAP, NIST, A2LA, or any government agency. This document and all data within, shall not be reproduced, except in full, without the written approval of Rice Lake Weighing Systems.

13 Jun 2025



Prepared By:

Rice Lake Weighing Systems® PN 64784 6/25 230 West Coleman Street Rice Lake, WI 54868 USA

TEL: 715-234-9171 FAX: 715-234-6967

Definitions: http://certs.ricelake.com/certs/0354 Term Cert Weight Cal Rev1.pdf

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RICE LAKE

Certificate of Weight Calibration

ISO/IEC 17025:2017 & ANSI/NCSL-Z540-1-1994 ACCREDITED

Traceable Certificate Number:

3903695

Client: Date Calibrated: KOENIG SCALE 13 Jun 2025 Temperature Range:

22.25 °C

Pressure Range:

734.11 mmHg

Relative Humidity Range:

54 %

As Left Data (As Found Data is undifferentiated from As Left Data unless listed in As Found Data table)															
Nominal Value	Unique ID	True Mass (Same UOM as Nom.)	True Mass Corr. (mg)	Conv. Mass (Same UOM as Nom.)	Conv. Mass Corr. (mg)	(<i>k</i> =2) Unc. (± mg)	MPE (± mg)	MPE Pass (Y=Pass N=Fail)	Assumed Density (g/cm ³)	Assumed Material	Const. Type	Balance Used	Reference Standard Set Used	Air Density (mg/cm ³)	Clean Level
₹ 50 lb	14ZX	50.000126	57	49.999973	-12	12	57	Y	7.84	SS	- 11	1771Q	N568Q	1.1482	2 A