

class 5.

5515 S Westridge Drive . New Berlin, WI 53151 414-256-8900 • FAX: 414-256-8911 • Toll Free: 800-285-0035 e-mail: QCS@QualityCalibration.com • www.QualityCalibration.com ISO/IEC 17025 ACCREDITED CALIBRATION LABORATORY

## Certificate of Calibration

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w	ACCR	EDITE
	Calibration	Laborator

For REX GAUGE COMPANY, INC

NºH87985

Type of Gage/s WEIGHTS			Manufacturer OHAUS			1250 BUSCH PARKWAY BUFFALO GROVE, IL 60089				
Date	07-31-201	9		Recalibration I	Date		P.O.,7007 00			
Nominal		Tol	Before	Nominal	Tol	Before	Nominal	7	Tol	Before
ID:10G H				ID:1KG						
	10g				1000g					
10.0000g	±.0	0050	10.00000	1000.00g	±0.020	999.99				
ID:10G G				ID:2KG #1						
10.00000g	±.0	0050	10.00020		2000g					
ID:20G F				2000.00gg	±0.040	1999.99				
	20g			ID:2KG						
20.0000g	±.0	0070	20.00004	2000.00gg	±0.040	1999.99				
ID:20G E										
20.000.0g	±.0	0070	20 00006							
ID:50G D										
	50g									
50.0000g	±.0	00120	50.00012							
ID:100G C										
	100g									
100.0000g	±.(	00200	99.9999							
ID:200G B										
	200g									
200.00g		±0.15	200.02							
ID:200G A										
200.00g		±0.15	200.00				Remarks* See	reverse si	ide f	or
ID:1KG #1							additional con	nments.		
	1000g									
1000.00g	±(	0.020	1000.00							
Humidity (max.). This MIL-I-45208A, MIL-Q-	calibration was -9858A, MIL 93/260/292	as perfo	ormed in acc 0, ANSI/ASM Calibrat Lab Tech	ordance with requirer ME B89.1.13, ANSI/I ted Prior To Use Per Q nician N.I.S.T. Test Nur	nents of: ISO/IEC 1'ASME B89.1.6, FED. M9 ICS *SEE REVERS	7025, ANSI/N Std. H28, A	er NMI, at a measuring ter NMI, at a measuring ter CSL Z540-1, ISO1001: NSI/ASME B1.2, B1.2	2-1, 10CFR50,	, MIL	STD-45662A
Certificate issued on thi	is	3.	1stday	of	YrYr.					

Before refers to actual values taken before adjustment/repair. No adjustment/repair necessary. Equipment meets an accuracy of the listed tolerance values. Weights meet ASTM E617 tolerances class 4 except the two 200g weights are

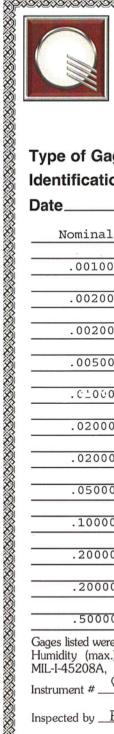
Q-260 was calibrated on 02-07-2018 and is traceable to N.I.S.T. Test Numbers 684/286541-15 and 684/284451-14. Q-292 was calibrated on 11-09-2017 and is traceable to N.I.S.T.

Total uncertainty in measurement for listed equipment is 1mg to 100g (0.17mg), 100g to 3KG (16mg), 3kg to 25kg (.45g). at a 95% confidence level.

This certificate shall not be reproduced except in full, without the written approval of the originating metrology laboratory.

Expanded uncertainties are expressed at approximately the 95% confidence level using a coverage factor of k=2 Instruments and standards used for calibrations performed:
Q-87 / Sartorius Scale (0-6200 g.) / Cal Date: 2/7/2018 / Due Date: 2/28/2020
Q-93 / Weight(s) / Cal Date: 12/6/2016 / Due Date: 12/28/2021
Q-260 / Weight Scale / Cal Date: 2/7/2018 / Due Date: 2/28/2020 Q-292 / Class 1 mg Weight Set / Cal Date: 11/9/2017 / Due Date: 11/28/2019 Temperature and humidity at which calibration was performed: Temperature 70° +/- 4°F Maximum Humidity 55%

All items are considered to be in serviceable condition unless otherwise stated on this certification. Excessive use, mishandling, environmental conditions or other factors may cause the calibrated item to fall out of calibration before the scheduled recalibration date. All measurements performed in English (inches), unless otherwise stated. All statements of acceptability are made without taking uncertainty into consideration. Expanded uncertainties are expressed at approximately 95% confidence using a coverage factor of k=2.



## QUALITY CALIBRATION SERVICE, INC.

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## Certificate of Calibration



For REX GAUGE COMPANY,

P.O.<sup>7867</sup> JC

1250 BUSCH PARKWAY

BUFFALO GROVE, IL

**№**188022

Type of Gage/s	WEIGHTS		Manufacturer	RICELAKE WEIGH	SYS.
Identification_	I3GVD		Model Number	N/A	
Date	07-31-2019		Recalibration	Date	4
Nominal	Tol	Before	Nominal	Tol	В
	1mg			1g	
.00100g	±0.00010	.00100	1.0000g	±0.00090	1.
	2mg			2g	
.00200g	±0.00012	.00200	2.0000g	±0.0013	2.
	2mg-1 dot			2g-1 dot	
.00200g	±0.00012	.00205	2.0000g	±0.001	L 2.
	5mg			5g,	
.00500g	±0.00017	.00500	5.0000g	±0.0019	5 5.
	10mg			10g	
.01000g	±0.00021	.01007	10.00000g	±0.0020	) 10.
	20mg			20g	
.02000g	±0.00026	.02008	20.00000g	±0.0040	) 20.
	2tmg-1 dot			20g-1 dot	
.02000g	±0.00026	.02006	20.00000g	±0.004	) 20.
	50mg			50g	
.05000g	±0.00035	.05012	50.00000g		1 50.
	100mg			100g	
.10000g	±0.00043	.10018	100.0000g		4 100
	200mg			200g	
.2000g	±0.00054	.20020	200.00g	±0.0	4 2
	200mg-1 dot			200g-1 dot	
.20000g	±0.00051	.20010	200.00g	±0.0	4 2
	500mg			500g	
.50000g	±0.00072	.50031	500.00g	±0.0	7 5
Gages listed were check	sed against masters traceab	le to the SI th	rough the National Ins	titute of Standards & Tec	hnology

Certificate issued on this.

ecalibration Date  $\frac{07-31-2024}{1}$ Nominal Before ±0.00090 1.00041 1.0000g 2.0000g ±0.0011 2.00011 2g-1 dot 2.0000g  $\pm 0.0011$ 5.0000g  $\pm 0.0015$ 10g 10.00000g 20g 20.00000g 20g-1 dot 20.00000g

2.00036 5.00043  $\pm 0.0020$  10.00096 ±0.0040 20.00148 ±0.0040 20.00171 ±0.01 50.00424 50.00000g 100g 100.0000g ±0.04 100.0012 200g 200.00g 200.01 200g-1 dot 200.00g 200.00 500g 500.00g  $\pm 0.07$ 500.02

Tol Before Nominal 1000g ±0.01 1000.01 1000.00g

h the National Institute of Standards & Technology, or another NMI, at a measuring temperature of 68°F (20°C) 45% Relative Humidity (max.). This calibration was performed in accordance with requirements of: ISO/IEC 17025, ANSI/NCSL Z540-1, ISO10012-1, 10CFR50, MIL STD-45662A, MIL-I-45208A, MIL-Q-9858A, MIL STD-120, ANSI/ASME B89.1.13, ANSI/ASME B89.1.6, FED. Std. H28, ANSI/ASME B1.2, B1.20.5, BS 21, ISO 7, ISO 228-1.

Instrument # Calibrated Brior To Lice Par OCS Calibrated Prior To Use Per QCS Instrument # \*SEE REVERSE SIDE 12-06-2016

\_\_\_\_\_ Lab Technician N.I.S.T. Test Number \_ Inspected by Pam Kawalske

Before refers to actual values taken before adjustment/repair. No adjustment/repair necessary. Equipment meets Manufacturer's tolerance requirements of the listed tolerance values. Weight(s) meet tolerance requirements of NIST Handbook 105-1 Class F.

Q-260 was calibrated on 02-07-2018 and is traceable to N.I.S.T. Test Numbers 684/286541-15 and 684/284451-14. Q-292 was calibrated on 11-09-2017 and is traceable to N.I.S.T. Total uncertainty in measurement for listed equipment is

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Temperature and humidity at which calibration was performed:

Temperature 70° +/- 4°F Maximum Humidity 55%

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