



GREAT LAKES SCALE COMPANY  
 35380 UNION LAKE RD.  
 HARRISON TOWNSHIP, MI 48045  
 Phone: (586) 776-0517

# Certificate of Calibration

**Customer:** SUPERIOR MATERIALS 35  
 SUP1104 39001 W HURON RD

**Certificate ID:** 62821-b181119111322

**Test Date:** 11/19/2018

ROMULUS, MI 48174

**ISO Number:** MS-FM-CEM-001

(\*)Make: ALKON Model: COMMAND SN#: 62821-b Capacity: 40000 LB Graduation: 20 LB

CALIBRATION DATE 11/19/2018	DUE DATE 05/21/2019	TEST INTERVAL Semi-Annually	SCALE ID 62821-b	SCALE CLASS III L
SCALE LOCATION		EQUIPMENT CONDITIONS Working Clean		
SELECT NUMBER OF PM DAYS:	CAPACITY	40000 UOM	LB	INCREMENT 20

### AS FOUND TEST USING TEST WEIGHTS

Weight Applied	Reading	Error
0	LB 0	LB 0
1000	LB 1000	LB 0
2000	LB 2000	LB 0
3000	LB 3000	LB 0
4000	LB 4000	LB 0
5000	LB 5000	LB 0
6000	LB 6000	LB 0
0	LB 0	LB 0
	LB	LB
	LB	LB

### AS LEFT TEST USING TEST WEIGHTS

Weight Applied	Reading	Error
0	LB 0	LB 0
1000	LB 1000	LB 0
2000	LB 2000	LB 0
3000	LB 3000	LB 0
4000	LB 4000	LB 0
5000	LB 5000	LB 0
6000	LB 6000	LB 0
0	LB 0	LB 0
	LB	LB
	LB	LB
	LB	LB

### AS LEFT BUILD TEST

Test Weight Applied	Material Weight Applied	Reading	Error
2000	LB 8000	LB 10000	LB 0
4000	LB 8000	LB 12000	LB 0
6000	LB 8000	LB 14000	LB 0
2000	LB 16000	LB 18000	LB 0
4000	LB 16000	LB 20000	LB 0
6000	LB 16000	LB 22000	LB 0
2000	LB 24000	LB 26000	LB 0
4000	LB 24000	LB 28000	LB 0
6000	LB 24000	LB 30000	LB 0
2000	LB 32000	LB 34000	LB 0
4000	LB 32000	LB 36000	LB 0
6000	LB 32000	LB 38000	LB 0
	LB	LB	LB
	LB	LB	LB
	LB	LB	LB
	LB	LB	LB
	LB	LB	LB
	LB	LB	LB
	LB	LB	LB

OVERALL TEST RESULTS PASS



GREAT LAKES SCALE COMPANY  
 29540 CALAHAN RD.  
 ROSEVILLE, MI 48066  
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**TEST INFORMATION**

TEST WEIGHT CLASSIFICATION	EXPANDED UNCERTAINTY
F	15
ENVIRONMENTAL CONDITIONS	TEMPERATURE
Acceptable	40
WAS THE SCALE WITHIN CUSTOMERS REQUIRED ACCURACY?	
Yes	
TEST LOCATION	OVERALL RESULT
Onsite	Pass w/o adjustment

**Comments:**

Replace load cell test and cal scale

**TRACEABILITY CERTIFICATE NUMBERS:**

Kit	NIST	Date	Date Due
Description			
GL0601	MI-06-17-13260	6/15/2017	6/15/2019
TRUCK 6 - 1000 LB			
GL0602	MI-06-17-13260	6/15/2017	6/15/2019
TRUCK 6 - 1000 LB			
GL0603	MI-06-17-13260	6/15/2017	6/15/2019
TRUCK 6 - 1000 LB			
GL0604	MI-06-17-13260	6/15/2017	6/15/2019
TRUCK 6 - 1000 LB			
GL0605	MI-06-17-13260	6/15/2017	6/15/2019
TRUCK 6 - 1000 LB			
GL0606	MI-06-17-13260	6/15/2017	6/15/2019
TRUCK 6 - 1000 LB			

**Technician(s):** RON EVANS;Joe bielarz

**Signature:**

Devices were calibrated with the certified test weights. Adjustments made to restore and/or maintain the accuracy of the device conform to the tolerances established by NIST or Manufacturers Specifications. Best measurement of uncertainty calculated using a coverage factor of K=2. This provides confidence level of 95%.