



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

## Certificate of Calibration

**Certificate ID:** 102559cem210511024755

**Customer:** SUPERIOR MATERIALS 38  
 SUP1193 901 S WAGNER RD

**Test Date:** 05/11/2021

ANN ARBOR, MI 48103

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

(\*)Make: ALKON Model : COMMAND SN#: 102559cem Capacity: 10000 lb Graduation: 5 lb

CALIBRATION DATE	DUE DATE	TEST INTERVAL	SCALE ID	SCALE CLASS
05/11/2021	11/10/2021	Semi-Annually	102559cem	III
SCALE LOCATION		EQUIPMENT CONDITIONS		
		Working	Clean	
<b>SELECT NUMBER OF PM DAYS:</b>		<b>CAPACITY</b>	10000 UOM lb	<b>INCREMENT</b> 5

### AS FOUND TEST USING TEST WEIGHTS

### AS LEFT TEST USING TEST WEIGHTS

AS FOUND TEST USING TEST WEIGHTS						AS LEFT TEST USING TEST WEIGHTS					
Weight Applied	Reading	Error		Weight Applied	Reading	Error		Weight Applied	Reading	Error	
0	lb	0	lb	0	lb		lb	0	lb	0	lb
2000	lb	2000	lb	0	lb		lb		lb	0	lb
4000	lb	4000	lb	0	lb		lb		lb	0	lb
6000	lb	6000	lb	0	lb		lb		lb	0	lb
0	lb	0	lb	0	lb		lb		lb	0	lb
	lb		lb	0	lb		lb		lb	0	lb
	lb		lb	0	lb		lb		lb	0	lb
	lb		lb	0	lb		lb		lb	0	lb
	lb		lb	0	lb		lb		lb	0	lb
	lb		lb	0	lb		lb		lb	0	lb
	lb		lb	0	lb		lb		lb	0	lb

### AS LEFT BUILD TEST

Test Weight Applied	Material Weight Applied	Reading	Error
6000	3300	9300	0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0

**OVERALL TEST RESULTS PASS**

**Customer:** SUPERIOR MATERIALS 38  
 SUP1193 901 S WAGNER RD

**Certificate ID:** 102559cem210511024755

**Test Date:** 05/11/2021

ANN ARBOR, MI 48103

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

**TEST INFORMATION**

TEST WEIGHT CLASSIFICATION	EXPANDED UNCERTAINTY
F	3.68
ENVIRONMENTAL CONDITIONS	TEMPERATURE
Acceptable	55
WAS THE SCALE WITHIN CUSTOMERS REQUIRED ACCURACY?	
Yes	
TEST LOCATION	OVERALL RESULT
Onsite	Pass w/o adjustment

**Comments:**

TRACEABILITY CERTIFICATE NUMBERS:				
Kit	NIST	Date	Date Due	
Description				
GL1501	MI-03-21-15156	3/5/2021	3/5/2023	
TRUCK 15 - 1000 LB				
GL1502	MI-03-21-15156	3/5/2021	3/5/2023	
TRUCK 15 - 1000 LB				
GL1503	MI-03-21-15156	3/5/2021	3/5/2023	
TRUCK 15 - 1000 LB				
GL1504	MI-03-21-15156	3/5/2021	3/5/2023	
TRUCK 15 - 1000 LB				
GL1505	MI-03-21-15156	3/5/2021	3/5/2023	
TRUCK 15 - 1000 LB				
GL1506	MI-03-21-15156	3/5/2021	3/5/2023	
TRUCK 15 - 1000 LB				

**Technician(s):** JOE BIELARZ;MIKE GLADSTONE;



**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%.



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# Certificate of Calibration

**Customer:** SUPERIOR MATERIALS 38  
 SUP1193 901 S WAGNER RD

**Certificate ID:** 102559agg210511025021

**Test Date:** 05/11/2021

ANN ARBOR, MI 48103

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

(\*)Make: ALKON Model : COMMAND SN#: 102559agg Capacity: 40000 lb Graduation: 20 lb

CALIBRATION DATE	DUE DATE	TEST INTERVAL	SCALE ID	SCALE CLASS
05/11/2021	11/10/2021	Semi-Annually	102559agg	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

## AS LEFT TEST USING TEST WEIGHTS

AS FOUND TEST USING TEST WEIGHTS						AS LEFT TEST USING TEST WEIGHTS					
Weight Applied		Reading		Error		Weight Applied		Reading		Error	
0	lb	0	lb	0	lb		lb		lb	0	lb
2000	lb	2000	lb	0	lb		lb		lb	0	lb
4000	lb	4000	lb	0	lb		lb		lb	0	lb
6000	lb	6000	lb	0	lb		lb		lb	0	lb
0	lb	0	lb	0	lb		lb		lb	0	lb
	lb		lb	0	lb		lb		lb	0	lb
	lb		lb	0	lb		lb		lb	0	lb
	lb		lb	0	lb		lb		lb	0	lb
	lb		lb	0	lb		lb		lb	0	lb
	lb		lb	0	lb		lb		lb	0	lb

## AS LEFT BUILD TEST

Test Weight Applied		Material Weight Applied		Reading		Error	
6000	lb	10000	lb	16000	lb	0	lb
6000	lb	20000	lb	26000	lb	0	lb
6000	lb	30000	lb	36000	lb	0	lb
	lb		lb		lb	0	lb
	lb		lb		lb	0	lb
	lb		lb		lb	0	lb
	lb		lb		lb	0	lb
	lb		lb		lb	0	lb
	lb		lb		lb	0	lb
	lb		lb		lb	0	lb
	lb		lb		lb	0	lb
	lb		lb		lb	0	lb
	lb		lb		lb	0	lb
	lb		lb		lb	0	lb
	lb		lb		lb	0	lb
	lb		lb		lb	0	lb
	lb		lb		lb	0	lb
	lb		lb		lb	0	lb

**OVERALL TEST RESULTS PASS**

**Customer:** SUPERIOR MATERIALS 38  
 SUP1193 901 S WAGNER RD

**Certificate ID:** 102559agg210511025021

**Test Date:** 05/11/2021

ANN ARBOR, MI 48103

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

**TEST INFORMATION**

TEST WEIGHT CLASSIFICATION	EXPANDED UNCERTAINTY
F	15
ENVIRONMENTAL CONDITIONS	TEMPERATURE
Acceptable	55
WAS THE SCALE WITHIN CUSTOMERS REQUIRED ACCURACY?	
Yes	
TEST LOCATION	OVERALL RESULT
Onsite	Pass w/o adjustment

**Comments:**

TRACEABILITY CERTIFICATE NUMBERS:				
Kit	NIST	Date	Date Due	
Description				
GL1501	MI-03-21-15156	3/5/2021	3/5/2023	
TRUCK 15 - 1000 LB				
GL1502	MI-03-21-15156	3/5/2021	3/5/2023	
TRUCK 15 - 1000 LB				
GL1503	MI-03-21-15156	3/5/2021	3/5/2023	
TRUCK 15 - 1000 LB				
GL1504	MI-03-21-15156	3/5/2021	3/5/2023	
TRUCK 15 - 1000 LB				
GL1505	MI-03-21-15156	3/5/2021	3/5/2023	
TRUCK 15 - 1000 LB				
GL1506	MI-03-21-15156	3/5/2021	3/5/2023	
TRUCK 15 - 1000 LB				

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