



GREAT LAKES SCALE COMPANY  
 29540 CALAHAN RD.  
 ROSEVILLE, MI 48066  
 Phone: (586) 776-0517

# Certificate of Calibration

**Customer:** SUPERIOR MATERIALS 20  
 SUP1142 65300 NORTH DORT HWY

**Certificate ID:** 62822A180514081005

**Test Date:** 05/14/2018

FLINT , MI 48505

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

(\*)Make: ALKON Model : COMMAND SN#: 62822A Capacity: 0 Graduation: 0

CALIBRATION DATE	DUE DATE	TEST INTERVAL	SCALE ID	SCALE CLASS
05/14/2018	11/13/2018	Semi-Annually	62822A	IIIL
SCALE LOCATION		EQUIPMENT CONDITIONS		
Aggregate		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

Weight Applied	Reading		Error		Weight Applied	Reading		Error	
0	Lb	0	Lb	0		Lb		Lb	
2000	Lb	2000	Lb	0		Lb		Lb	
4000	Lb	4000	Lb	0		Lb		Lb	
6000	Lb	6000	Lb	0		Lb		Lb	
4000	Lb	4000	Lb	0		Lb		Lb	
2000	Lb	2000	Lb	0		Lb		Lb	
0	Lb	0	Lb	0		Lb		Lb	
	Lb		Lb			Lb		Lb	
	Lb		Lb			Lb		Lb	
	Lb		Lb			Lb		Lb	

### AS LEFT BUILD TEST

Test Weight Applied	Material Weight Applied	Reading	Error
6000	Lb 6000	Lb 12000	Lb 0
6000	Lb 12000	Lb 18000	Lb 0
6000	Lb 18000	Lb 24000	Lb 0
6000	Lb 24000	Lb 30000	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
	Lb	Lb	Lb
	Lb	Lb	Lb
	Lb	Lb	Lb
	Lb	Lb	Lb
	Lb	Lb	Lb
	Lb	Lb	Lb

**OVERALL TEST RESULTS PASS**

**Customer:** SUPERIOR MATERIALS 20  
 SUP1142 65300 NORTH DORT HWY

FLINT , MI 48505

**Certificate ID:** 62822A180514081005

**Test Date:** 05/14/2018

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

**TEST INFORMATION**

TEST WEIGHT CLASSIFICATION	EXPANDED UNCERTAINTY
F	15 lb
ENVIRONMENTAL CONDITIONS	TEMPERATURE
Acceptable	60
WAS THE SCALE WITHIN CUSTOMERS REQUIRED ACCURACY?	
Yes	
TEST LOCATION	OVERALL RESULT
Onsite	Pass w/o adjustment

**Comments:**

Test scale within maint tolerance

**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):** JAMES TOMLINSON; 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%.

## Certificate of Calibration

**Customer:** SUPERIOR MATERIALS 20  
 SUP1142 65300 NORTH DORT HWY

**Certificate ID:** 62822C180514080537

**Test Date:** 05/14/2018

FLINT, MI 48505

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

(\*)Make: ALKON Model : COMMAND SN#: 62822C Capacity: 0 Graduation: 0

CALIBRATION DATE	DUE DATE	TEST INTERVAL	SCALE ID	SCALE CLASS
05/14/2018	11/13/2018	Semi-Annually	62822C	III
SCALE LOCATION		EQUIPMENT CONDITIONS		
Cement		Working Clean		
SELECT NUMBER OF PM DAYS:	CAPACITY	10000	UOM Lb	INCREMENT 5

### AS FOUND TEST USING TEST WEIGHTS

Weight Applied	Reading	Error
0	Lb 0	Lb 0
2000	Lb 2000	Lb 0
4000	Lb 4000	Lb 0
6000	Lb 6000	Lb 0
4000	Lb 4000	Lb 0
2000	Lb 2000	Lb 0
0	Lb 0	Lb 0
	Lb	Lb
	Lb	Lb
	Lb	Lb

### AS LEFT TEST USING TEST WEIGHTS

Weight Applied	Reading	Error
0	Lb 0	Lb 0
2000	Lb 2000	Lb 0
4000	Lb 4000	Lb 0
6000	Lb 6000	Lb 0
4000	Lb 4000	Lb 0
2000	Lb 2000	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
6000	Lb 3400	Lb 9400	Lb 0
	Lb	Lb	Lb
	Lb	Lb	Lb
	Lb	Lb	Lb
	Lb	Lb	Lb
	Lb	Lb	Lb
	Lb	Lb	Lb
	Lb	Lb	Lb
	Lb	Lb	Lb
	Lb	Lb	Lb
	Lb	Lb	Lb
	Lb	Lb	Lb
	Lb	Lb	Lb
	Lb	Lb	Lb
	Lb	Lb	Lb
	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**

**Customer:** SUPERIOR MATERIALS 20  
 SUP1142 65300 NORTH DORT HWY

FLINT , MI 48505

**Certificate ID:** 62822C180514080537

**Test Date:** 05/14/2018

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

**TEST INFORMATION**

TEST WEIGHT CLASSIFICATION	EXPANDED UNCERTAINTY
F	3.68 lb
ENVIRONMENTAL CONDITIONS	TEMPERATURE
Acceptable	60
WAS THE SCALE WITHIN CUSTOMERS REQUIRED ACCURACY?	
Yes	
TEST LOCATION	OVERALL RESULT
Onsite	Pass adjustment needed

**Comments:**

Test scale within maint tolerance

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			

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