



**Customer:** SUPERIOR MATERIALS 102  
 SUP1112 44922 GRAND RIVER AVE  
 NOVI, MI 48375

**Certificate ID:** 1802300105180709110406  
**Test Date:** 07/09/2018  
**ISO Number:** MS-FM-CEM-001

**TEST INFORMATION**

TEST WEIGHT CLASSIFICATION	EXPANDED UNCERTAINTY
F	13.3
ENVIRONMENTAL CONDITIONS	TEMPERATURE
Acceptable	79
WAS THE SCALE WITHIN CUSTOMERS REQUIRED ACCURACY?	
Yes	
TEST LOCATION	OVERALL RESULT
Onsite	Pass w/o adjustment

**Comments:**

Scale on zero, load tested and sealed.

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):** JOE BIELARZ; Edward G Gorham



**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%.



**Customer:** SUPERIOR MATERIALS 102  
 SUP1112 44922 GRAND RIVER AVE  
 NOVI, MI 48375

**Certificate ID:** 105134 CEMENT180709110806  
**Test Date:** 07/09/2018  
**ISO Number:** MS-FM-CEM-001

**TEST INFORMATION**

TEST WEIGHT CLASSIFICATION	EXPANDED UNCERTAINTY
F	3.68
ENVIRONMENTAL CONDITIONS	TEMPERATURE
Acceptable	79
WAS THE SCALE WITHIN CUSTOMERS REQUIRED ACCURACY?	
Yes	
TEST LOCATION	OVERALL RESULT
Onsite	Pass adjustment needed

**Comments:**

Inspect,test,calibrate scale,sealed. Perform build test

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):** JOE BIELARZ;ed gorham

**Signature:**



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

# Certificate of Calibration

**Customer:** SUPERIOR MATERIALS 102  
 SUP1112 44922 GRAND RIVER AVE

**Certificate ID:** 105134 AGG180709110310

**Test Date:** 07/09/2018

NOVI, MI 48375

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

(\*)Make: ALKON Model : COMMAND SN#: 105134 AGG Capacity: 40000 lb Graduation: 20 lb

CALIBRATION DATE	DUE DATE	TEST INTERVAL	SCALE ID	SCALE CLASS
07/09/2018	01/08/2019	Semi-Annually	105134 AGG	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

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

### AS LEFT BUILD TEST

Test Weight Applied	Material Weight Applied	Reading	Error
2000	lb 6000	lb 8020	lb 20
4000	lb 6000	lb 10020	lb 20
6000	lb 6000	lb 12020	lb 20
2000	lb 12000	lb 14020	lb 20
4000	lb 12000	lb 16020	lb 20
6000	lb 12000	lb 18020	lb 20
2000	lb 18000	lb 20020	lb 20
4000	lb 18000	lb 22020	lb 20
6000	lb 18000	lb 24020	lb 20
2000	lb 24000	lb 26020	lb 20
4000	lb 24000	lb 28020	lb 20
6000	lb 24000	lb 30020	lb 20
2000	lb 32000	lb 34020	lb 20
4000	lb 32000	lb 36020	lb 20
6000	lb 32000	lb 38020	lb 20
	lb	lb	lb
	lb	lb	lb
	lb	lb	lb
	lb	lb	lb

**OVERALL TEST RESULTS PASS**

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**Certificate ID:** 105134 AGG180709110310  
**Test Date:** 07/09/2018  
**ISO Number:** MS-FM-CEM-001

**TEST INFORMATION**

TEST WEIGHT CLASSIFICATION	EXPANDED UNCERTAINTY
F	15
ENVIRONMENTAL CONDITIONS	TEMPERATURE
Acceptable	79
WAS THE SCALE WITHIN CUSTOMERS REQUIRED ACCURACY?	
Yes	
TEST LOCATION	OVERALL RESULT
Onsite	Pass w/o adjustment

**Comments:**

Inspect,test scale,sealed. Perform build test

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):** JOE BIELARZ;ed gorham

**Signature:**



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**Customer:** SUPERIOR MATERIALS 102  
 SUP1112 44922 GRAND RIVER AVE  
 NOVI, MI 48375

**Certificate ID:** 105134 WATER180709110616  
**Test Date:** 07/09/2018  
**ISO Number:** MS-FM-CEM-001

**TEST INFORMATION**

TEST WEIGHT CLASSIFICATION	EXPANDED UNCERTAINTY
F	3.39
ENVIRONMENTAL CONDITIONS	TEMPERATURE
Acceptable	79
WAS THE SCALE WITHIN CUSTOMERS REQUIRED ACCURACY?	
Yes	
TEST LOCATION	OVERALL RESULT
Onsite	Pass adjustment needed

**Comments:**

Scale on zero, load tested scale +5 lbs at 3000 calibrated retested and sealed.

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	

**Technician(s):** JOE BIELARZ; Edward G Gorham



**Signature:**

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