

# Certificate of Calibration

**Certificate ID:** 72113-a240109080036

**Customer:** SUPERIOR MATERIALS 4902 (2)  
 SUP1048 20565 HOOVER

**Test Date:** 01/08/2024

DETROIT, MI

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

(\*)Make: ALKON Model : COMMAND SN#: 72113-a Capacity: 10000 lb Graduation: 5 lb

CALIBRATION DATE	DUE DATE	TEST INTERVAL	SCALE ID	SCALE CLASS
01/08/2024			72113-a	III
SCALE LOCATION			EQUIPMENT CONDITIONS	
CEMENT SCALE			Working	
SELECT NUMBER OF PM DAYS:		CAPACITY	10000 UOM	INCREMENT
			lb	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
0	lb 0	lb 0	0	lb 0	lb 0
1000	lb 1005	lb 5	1000	lb 1000	lb 0
2000	lb 2010	lb 10	2000	lb 2000	lb 0
3000	lb 3015	lb 15	3000	lb 3000	lb 0
4000	lb 4020	lb 20	4000	lb 4000	lb 0
5000	lb 5030	lb 30	5000	lb 5000	lb 0
6000	lb 6040	lb 40	6000	lb 6000	lb 0
	lb	lb		lb	lb
	lb	lb		lb	lb
	lb	lb		lb	lb

### AS LEFT BUILD TEST

Test Weight Applied	Material Weight Applied	Reading	Error
0	lb 0	lb 0	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

**OVERALL TEST RESULTS PASS**

**Customer:** SUPERIOR MATERIALS 4902 (2)  
 SUP1048 20565 HOOVER

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DETROIT, MI

**Test Date:** 01/08/2024

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**TEST INFORMATION**

TEST WEIGHT CLASSIFICATION	EXPANDED UNCERTAINTY
F	8.7
ENVIRONMENTAL CONDITIONS	TEMPERATURE
Acceptable	38
WAS THE SCALE WITHIN CUSTOMERS REQUIRED ACCURACY?	
Yes	
TEST LOCATION	OVERALL RESULT
Onsite	Pass adjustment needed

**Comments:**

Scale on zero, load tested and sealed.

TRACEABILITY CERTIFICATE NUMBERS:

Kit	NIST	Date	Date Due
Description			
GL1501	MI--03-23-16216	3/9/2023	3/9/2025
TRUCK 15 - 1000 LB			
GL1506	MI--03-23-16216	3/9/2023	3/9/2025
TRUCK 15 - 1000 LB			
GL1505	MI--03-23-16216	3/9/2023	3/9/2025
TRUCK 15 - 1000 LB			
GL1504	MI--03-23-16216	3/9/2023	3/9/2025
TRUCK 15 - 1000 LB			
GL1503	MI--03-23-16216	3/9/2023	3/9/2025
TRUCK 15 - 1000 LB			
GL1502	MI--03-23-16216	3/9/2023	3/9/2025
TRUCK 15 - 1000 LB			

**Technician(s):** LUCAS SULLIVAN;ROB DUBAY;

**Signature:** Lucas Sullivan  Digitally signed by Lucas Sullivan

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%.



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

# Certificate of Calibration

**Customer:** SUPERIOR MATERIALS 4902 (2)  
 SUP1048 20565 HOOVER

**Certificate ID:** 72113-b240109080035

**Test Date:** 01/08/2024

DETROIT, MI

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

(\*)Make: ALKON Model : COMMAND SN#: 72113-b Capacity: 40000 lb Graduation: 40 lb

CALIBRATION DATE	DUE DATE	TEST INTERVAL	SCALE ID	SCALE CLASS
01/08/2024			72113-b	III L
SCALE LOCATION		EQUIPMENT CONDITIONS		
AGG SCALE		Working		
SELECT NUMBER OF PM DAYS:		CAPACITY	40000 UOM lb	INCREMENT 40

### 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	0	lb	0	lb	0	lb
1000	lb	1000	lb	0	lb	1000	lb	1000	lb	0	lb
2000	lb	2000	lb	0	lb	2000	lb	2000	lb	0	lb
3000	lb	3000	lb	0	lb	3000	lb	3000	lb	0	lb
4000	lb	4000	lb	0	lb	4000	lb	4000	lb	0	lb
5000	lb	5040	lb	40	lb	5000	lb	5000	lb	0	lb
6000	lb	6040	lb	40	lb	6000	lb	6000	lb	0	lb
	lb		lb		lb		lb		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
3000	lb 0	3000	lb 0
6000	lb 0	6000	lb 0
3000	lb 6000	9000	lb 0
6000	lb 6000	12000	lb 0
3000	lb 12000	15000	lb 0
6000	lb 12000	18000	lb 0
3000	lb 18000	21000	lb 0
6000	lb 18000	24000	lb 0
3000	lb 24000	27000	lb 0
6000	lb 24000	30000	lb 0
3000	lb 30000	33000	lb 0
6000	lb 30000	36000	lb 0
	lb		lb
	lb		lb
	lb		lb
	lb		lb
	lb		lb
	lb		lb
	lb		lb

**OVERALL TEST RESULTS PASS**

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 SUP1048 20565 HOOVER

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DETROIT, MI

**Test Date:** 01/08/2024

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

**TEST INFORMATION**

TEST WEIGHT CLASSIFICATION	EXPANDED UNCERTAINTY
F	69
ENVIRONMENTAL CONDITIONS	TEMPERATURE
Acceptable	50
WAS THE SCALE WITHIN CUSTOMERS REQUIRED ACCURACY?	
Yes	
TEST LOCATION	OVERALL RESULT
Onsite	Pass adjustment needed

**Comments:**

Scale on zero load tested, build tested and sealed

TRACEABILITY CERTIFICATE NUMBERS:

Kit	NIST	Date	Date Due
Description			
GL1501	MI--03-23-16216	3/9/2023	3/9/2025
TRUCK 15 - 1000 LB			
GL1506	MI--03-23-16216	3/9/2023	3/9/2025
TRUCK 15 - 1000 LB			
GL1505	MI--03-23-16216	3/9/2023	3/9/2025
TRUCK 15 - 1000 LB			
GL1504	MI--03-23-16216	3/9/2023	3/9/2025
TRUCK 15 - 1000 LB			
GL1503	MI--03-23-16216	3/9/2023	3/9/2025
TRUCK 15 - 1000 LB			
GL1502	MI--03-23-16216	3/9/2023	3/9/2025
TRUCK 15 - 1000 LB			

**Technician(s):** LUCAS SULLIVAN;ROB DUBAY;

Signature: **Lucas Sullivan** Digitally signed by Lucas Sullivan

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