



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

Certificate of Calibration

Customer: SUPERIOR MATERIALS 20
 SUP1142 G 5300 NORTH DORT HWY

Certificate ID: 62822C181112042313

Test Date: 11/12/2018

FLINT, MI 48505

ISO Number: MS-FM-CEM-001

(*Make: ALKON Model : COMMAND SN#: 62822C Capacity: 10000 LB Graduation: 5 LB

CALIBRATION DATE 11/12/2018	DUE DATE 05/14/2019	TEST INTERVAL Semi-Annually	SCALE ID 62822C	SCALE CLASS III
SCALE LOCATION Cement	EQUIPMENT CONDITIONS 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
	LB	LB	LB
	LB	LB	LB

OVERALL TEST RESULTS PASS



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

Customer: SUPERIOR MATERIALS 20
 SUP1142 G 5300 NORTH DORT HWY

FLINT , MI 48505

Certificate ID: 62822C181112042313

Test Date: 11/12/2018

ISO Number: MS-FM-CEM-001

TEST INFORMATION

TEST WEIGHT CLASSIFICATION	EXPANDED UNCERTAINTY
F	3.68
ENVIRONMENTAL CONDITIONS	TEMPERATURE
Acceptable	50
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			

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%.



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Certificate of Calibration

Customer: SUPERIOR MATERIALS 20
 SUP1142 G 5300 NORTH DORT HWY

Certificate ID: 62822A181112042839

Test Date: 11/12/2018

FLINT, MI 48505

ISO Number: MS-FM-CEM-001

(*Make: ALKON Model: COMMAND SN#: 62822A Capacity: 40000 LB Graduation: 20 LB

CALIBRATION DATE	DUE DATE	TEST INTERVAL	SCALE ID	SCALE CLASS
11/12/2018	05/14/2019	Semi-Annually	62822A	III
SCALE LOCATION		EQUIPMENT CONDITIONS		
Aggregate		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
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
	LB	LB

AS LEFT TEST USING TEST WEIGHTS

Weight Applied	Reading	Error
	LB	LB
	LB	LB
	LB	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
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
	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



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Test Date: 11/12/2018

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TEST INFORMATION

TEST WEIGHT CLASSIFICATION	EXPANDED UNCERTAINTY
F	15
ENVIRONMENTAL CONDITIONS	TEMPERATURE
Acceptable	50
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			

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