



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

Certificate of Calibration

Customer: SUPERIOR MATERIALS 38
 SUP1193 901 S WAGNER RD

Certificate ID: 102559cem180109045538

Test Date: 01/09/2018

ANN ARBOR, MI 48103

ISO Number: MS-FM-CEM-001

(*Make: ALKON Model: COMMAND SN#: 102559cem Capacity: 0 Graduation: 0

CALIBRATION DATE	DUE DATE	TEST INTERVAL	SCALE ID	SCALE CLASS
01/09/2018	07/11/2018	Semi-Annually	102559cem	III
SCALE LOCATION		EQUIPMENT CONDITIONS		
Cement		Working Dirty		
SELECT NUMBER OF PM DAYS:		CAPACITY	10000 UOM Lb	INCREMENT 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		Lb 0	Lb 0
6000	Lb 5995	Lb -5		Lb 0	Lb 0
2000	Lb 2000	Lb 0		Lb 0	Lb 0
4000	Lb 4000	Lb 0		Lb 0	Lb 0
6000	Lb 5995	Lb -5		Lb 0	Lb 0
4000	Lb 4000	Lb 0		Lb 0	Lb 0
2000	Lb 2000	Lb 0		Lb 0	Lb 0
0	Lb 0	Lb 0		Lb 0	Lb 0
	Lb 0	Lb 0		Lb 0	Lb 0
	Lb 0	Lb 0		Lb 0	Lb 0

AS LEFT BUILD TEST

Test Weight Applied	Material Weight Applied	Reading	Error
6000	Lb 3000	Lb 8995	Lb -5
		Lb 0	Lb 0
		Lb 0	Lb 0
		Lb 0	Lb 0
		Lb 0	Lb 0
		Lb 0	Lb 0
		Lb 0	Lb 0
		Lb 0	Lb 0
		Lb 0	Lb 0
		Lb 0	Lb 0
		Lb 0	Lb 0
		Lb 0	Lb 0
		Lb 0	Lb 0
		Lb 0	Lb 0
		Lb 0	Lb 0
		Lb 0	Lb 0
		Lb 0	Lb 0
		Lb 0	Lb 0
		Lb 0	Lb 0
		Lb 0	Lb 0
		Lb 0	Lb 0
		Lb 0	Lb 0

OVERALL TEST RESULTS PASS



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TEST INFORMATION

TEST WEIGHT CLASSIFICATION	EXPANDED UNCERTAINTY
F	3.68
ENVIRONMENTAL CONDITIONS	TEMPERATURE
Acceptable	36
WAS THE SCALE WITHIN CUSTOMERS REQUIRED ACCURACY?	
Yes	
TEST LOCATION	OVERALL RESULT
Onsite	Pass w/o adjustment

Comments:

Inspect, test cement scale, 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): MIKE GLADSTONE; 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 38
 SUP1193 901 S WAGNER RD

Certificate ID: 102559agg180109045523

Test Date: 01/09/2018

ANN ARBOR, MI 48103

ISO Number: MS-FM-CEM-001

(*)Make: ALKON Model : COMMAND SN#: 102559agg Capacity: 0 Graduation: 0

CALIBRATION DATE	DUE DATE	TEST INTERVAL	SCALE ID	SCALE CLASS
01/09/2018	07/11/2018	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

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

AS LEFT BUILD TEST

Test Weight Applied	Material Weight Applied	Reading	Error
0	0	0	0
2000	10000	12000	0
4000	10000	14000	0
6000	10000	16000	0
2000	20000	22000	0
4000	20000	24000	0
6000	20000	26000	0
2000	32000	34000	0
4000	32000	36000	0
6000	32000	38000	0
			0
			0
			0
			0
			0
			0
			0
			0

OVERALL TEST RESULTS PASS



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Test Date: 01/09/2018

ISO Number: MS-FM-CEM-001

TEST INFORMATION

TEST WEIGHT CLASSIFICATION	EXPANDED UNCERTAINTY
F	15 lbs
ENVIRONMENTAL CONDITIONS	TEMPERATURE
Acceptable	36
WAS THE SCALE WITHIN CUSTOMERS REQUIRED ACCURACY?	
Yes	
TEST LOCATION	OVERALL RESULT
Onsite	Pass w/o adjustment

Comments:

Test scale

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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