



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

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		Lb		Lb
2000	Lb	2000	Lb	0	Lb		Lb		Lb		Lb
4000	Lb	4000	Lb	0	Lb		Lb		Lb		Lb
6000	Lb	6000	Lb	0	Lb		Lb		Lb		Lb
4000	Lb	4000	Lb	0	Lb		Lb		Lb		Lb
2000	Lb	2000	Lb	0	Lb		Lb		Lb		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

AS LEFT BUILD TEST

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

OVERALL TEST RESULTS PASS

Customer: SUPERIOR MATERIALS 20
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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

FLINT , MI 48505

Certificate ID: 62822C180514080537

Test Date: 05/14/2018

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

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
2000	Lb	2000	Lb	0	Lb	2000	Lb	2000	Lb	0	Lb
4000	Lb	4000	Lb	0	Lb	4000	Lb	4000	Lb	0	Lb
6000	Lb	6000	Lb	0	Lb	6000	Lb	6000	Lb	0	Lb
4000	Lb	4000	Lb	0	Lb	4000	Lb	4000	Lb	0	Lb
2000	Lb	2000	Lb	0	Lb	2000	Lb	2000	Lb	0	Lb
0	Lb	0	Lb	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

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

OVERALL TEST RESULTS PASS

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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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