



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

Certificate of Calibration

Customer: SUPERIOR MATERIALS 2
 SUP1048 20565 HOOVER

Certificate ID: 72113-b180309104944

Test Date: 03/09/2018

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
03/09/2018	09/08/2018	Semi-Annually	72113-b	III L
SCALE LOCATION		EQUIPMENT CONDITIONS		
		Working	Clean	
SELECT NUMBER OF PM DAYS:	CAPACITY	40000 UOM	LB	INCREMENT 40

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
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
	LB	LB		LB	LB
	LB	LB		LB	LB

AS LEFT BUILD TEST

Test Weight Applied	Material Weight Applied	Reading	Error
2000	LB 6000	LB 8000	LB 0
4000	LB 6000	LB 10000	LB 0
6000	LB 6000	LB 12000	LB 0
2000	LB 12000	LB 14000	LB 0
4000	LB 12000	LB 16000	LB 0
6000	LB 12000	LB 18000	LB 0
2000	LB 18000	LB 20000	LB 0
4000	LB 18000	LB 22000	LB 0
6000	LB 18000	LB 24000	LB 0
2000	LB 24000	LB 26000	LB 0
4000	LB 24000	LB 28000	LB 0
6000	LB 24000	LB 30000	LB 0
2000	LB 30000	LB 32000	LB 0
4000	LB 30000	LB 34000	LB 0
6000	LB 30000	LB 36000	LB 0
	LB	LB	LB
	LB	LB	LB
	LB	LB	LB
	LB	LB	LB

OVERALL TEST RESULTS PASS

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TEST INFORMATION

TEST WEIGHT CLASSIFICATION	EXPANDED UNCERTAINTY
F	27
ENVIRONMENTAL CONDITIONS	TEMPERATURE
Acceptable	70
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	
GL0622	MI-06-17-13271	6/19/2017	6/19/2019	TRUCK 6 - 500 LB	

Technician(s): RENTE 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 ID: 72113-a180309104327

Test Date: 03/09/2018

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
03/09/2018	09/08/2018	Semi-Annually	72113-a	III
SCALE LOCATION		EQUIPMENT CONDITIONS		
Cement		Working	Clean	
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	LB	Reading	LB	Error	LB	Weight Applied	LB	Reading	LB	Error	LB
0		0		0		0		0		0	
2000		1990		-10		1000		1000		0	
4000		3980		-20		2000		2000		0	
6000		5970		-30		3000		3005		5	
						4000		4000		0	
						5000		5005		5	
						6000		6000		0	
						0		0		0	

AS LEFT BUILD TEST

Test Weight Applied	LB	Material Weight Applied	LB	Reading	LB	Error	LB
6000		3300		9300		0	

OVERALL TEST RESULTS PASS

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Test Date: 03/09/2018

ISO Number: MS-FM-CEM-001

TEST INFORMATION

TEST WEIGHT CLASSIFICATION	EXPANDED UNCERTAINTY
F	3.68
ENVIRONMENTAL CONDITIONS	TEMPERATURE
Acceptable	35
WAS THE SCALE WITHIN CUSTOMERS REQUIRED ACCURACY?	
Yes	
TEST LOCATION	OVERALL RESULT
Onsite	Pass adjustment needed

Comments:

Test and cal scale with county insp. Boots were compacted. Fixed boots. Recaled scale good now

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	
GL0622	MI-06-17-13271	6/19/2017	6/19/2019	TRUCK 6 - 500 LB	

Technician(s): RENTE EVANS; Joe bielarz



Signature:

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