



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

Certificate of Calibration

Customer: SUPERIOR MATERIALS 35
 SUP1104 39001 W HURON RD

Certificate ID: 62821-b180305125621

Test Date: 03/05/2018

ROMULUS, MI 48174

ISO Number: MS-FM-CEM-001

(*)Make: ALKON Model: COMMAND SN#: 62821-b Capacity: 40000 LB Graduation: 20 LB

CALIBRATION DATE	DUE DATE	TEST INTERVAL	SCALE ID	SCALE CLASS
03/05/2018	09/04/2018	Semi-Annually	62821-b	III L
SCALE LOCATION		EQUIPMENT CONDITIONS		
Agg		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
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 8000	LB 10000	LB 0
4000	LB 8000	LB 12000	LB 0
6000	LB 8000	LB 14000	LB 0
2000	LB 16000	LB 18000	LB 0
4000	LB 16000	LB 20000	LB 0
6000	LB 16000	LB 22000	LB 0
2000	LB 24000	LB 25980	LB -20
4000	LB 24000	LB 27980	LB -20
6000	LB 24000	LB 29980	LB -20
2000	LB 32000	LB 33980	LB -20
4000	LB 32000	LB 35980	LB -20
6000	LB 32000	LB 37980	LB -20
	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 INFORMATION

TEST WEIGHT CLASSIFICATION	EXPANDED UNCERTAINTY
F	15
ENVIRONMENTAL CONDITIONS	TEMPERATURE
Acceptable	55
WAS THE SCALE WITHIN CUSTOMERS REQUIRED ACCURACY?	
Yes	
TEST LOCATION	OVERALL RESULT
Onsite	Pass w/o adjustment

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			

Comments:
 Test scale

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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Customer: SUPERIOR MATERIALS 35
 SUP1104 39001 W HURON RD

Certificate ID: 62821-a180305125049

Test Date: 03/05/2018

ROMULUS, MI 48174

ISO Number: MS-FM-CEM-001

(*)Make: ALKON Model : COMMAND SN#: 62821-a Capacity: 10000 LB Graduation: 10 LB

CALIBRATION DATE	DUE DATE	TEST INTERVAL	SCALE ID	SCALE CLASS
03/05/2018	09/04/2018	Semi-Annually	62821-a	III
SCALE LOCATION		EQUIPMENT CONDITIONS		
Cement		Working	Clean	
SELECT NUMBER OF PM DAYS:	CAPACITY	10000 UOM	LB	INCREMENT 10

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
2000	LB 2000	LB 0	1000	LB 1000	LB 0
4000	LB 4010	LB 10	2000	LB 2000	LB 0
6000	LB 6020	LB 20	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

AS LEFT BUILD TEST

Test Weight Applied	Material Weight Applied	Reading	Error
3300	LB 6000	LB 9300	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: 62821-a180305125049
Test Date: 03/05/2018
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TEST INFORMATION

TEST WEIGHT CLASSIFICATION	EXPANDED UNCERTAINTY
F	6.68
ENVIRONMENTAL CONDITIONS	TEMPERATURE
Acceptable	40
WAS THE SCALE WITHIN CUSTOMERS REQUIRED ACCURACY?	
Yes	
TEST LOCATION	OVERALL RESULT
Onsite	Pass adjustment needed

Comments:
 Test and cal scale

TRACEABILITY CERTIFICATE NUMBERS:					
Kit	NIST	Date	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): RENTE EVANS; Joe bielarz

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