



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

Certificate of Calibration

Customer: SUPERIOR MATERIALS 101
 SUP1422 40 Floral

Certificate ID: 23635cem180629093750

Test Date: 06/29/2018

MT CLEMENS, MI 48043

ISO Number: MS-FM-CEM-001

(*)Make: ALKON Model : COMMAND SN#: 23635cem Capacity: 10000 lb Graduation: 5 lb

CALIBRATION DATE	DUE DATE	TEST INTERVAL	SCALE ID	SCALE CLASS
06/29/2018	12/29/2018	Semi-Annually	23635cem	III
SCALE LOCATION			EQUIPMENT CONDITIONS	
			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	Reading		Error			Weight Applied	Reading		Error		
0	lb	0	lb	0	lb	0	lb	0	lb	0	lb
1000	lb	1000	lb	0	lb	1000	lb	1000	lb	0	lb
2000	lb	2000	lb	0	lb	2000	lb	2000	lb	0	lb
3000	lb	3010	lb	10	lb	3000	lb	3000	lb	0	lb
4000	lb	4010	lb	10	lb	4000	lb	4000	lb	0	lb
5000	lb	5020	lb	20	lb	5000	lb	5000	lb	0	lb
6000	lb	6020	lb	20	lb	6000	lb	6000	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	3300	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	
	lb		lb		lb	

OVERALL TEST RESULTS PASS

Customer: SUPERIOR MATERIALS 101
 SUP1422 40 Floral

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TEST INFORMATION

TEST WEIGHT CLASSIFICATION	EXPANDED UNCERTAINTY
F	3.68
ENVIRONMENTAL CONDITIONS	TEMPERATURE
Acceptable	75
WAS THE SCALE WITHIN CUSTOMERS REQUIRED ACCURACY?	
Yes	
TEST LOCATION	OVERALL RESULT
Onsite	Pass adjustment needed

Comments:

Test and cal 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): 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 of Calibration

Customer: SUPERIOR MATERIALS 101
 SUP1422 40 Floral

Certificate ID: 23635agg180629093231

Test Date: 06/29/2018

MT CLEMENS, MI 48043

ISO Number: MS-FM-CEM-001

(*)Make: ALKON Model : COMMAND SN#: 23635agg Capacity: 40000 lb Graduation: 20 lb

CALIBRATION DATE	DUE DATE	TEST INTERVAL	SCALE ID	SCALE CLASS
06/29/2018	12/29/2018	Semi-Annually	23635agg	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	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
	lb	lb		lb	lb
	lb	lb		lb	lb
	lb	lb		lb	lb

AS LEFT BUILD TEST

Test Weight Applied	Material Weight Applied	Reading	Error
0	lb 0	lb 0	lb 0
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 26000	lb 0
4000	lb 24000	lb 28000	lb 0
6000	lb 24000	lb 30000	lb 0
2000	lb 32000	lb 34000	lb 0
4000	lb 32000	lb 36000	lb 0
6000	lb 32000	lb 38000	lb 0
	lb	lb	lb
	lb	lb	lb
	lb	lb	lb
	lb	lb	lb
	lb	lb	lb

OVERALL TEST RESULTS PASS

Customer: SUPERIOR MATERIALS 101
 SUP1422 40 Floral

Certificate ID: 23635agg180629093231

Test Date: 06/29/2018

MT CLEMENS, MI 48043

ISO Number: MS-FM-CEM-001

TEST INFORMATION

TEST WEIGHT CLASSIFICATION	EXPANDED UNCERTAINTY
F	15
ENVIRONMENTAL CONDITIONS	TEMPERATURE
Acceptable	75
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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