



GREAT LAKES SCALE COMPANY
 35380 UNION LAKE RD.
 HARRISON TOWNSHIP, MI 48045
 Phone: (586) 776-0517

Certificate of Calibration

Customer: SUPERIOR MATERIALS 23
 SUP1064 251 LAKE NEPESSING

Certificate ID: 23635C180815114149

Test Date: 08/15/2018

LAPEER, MI

ISO Number: MS-FM-CEM-001

(*)Make: ALKON Model : COMMAND SN#: 23635C Capacity: 10000 lb Graduation: 10 lb

CALIBRATION DATE	DUE DATE	TEST INTERVAL	SCALE ID	SCALE CLASS
08/15/2018	02/14/2019	Semi-Annually	23635C	III
SCALE LOCATION			EQUIPMENT CONDITIONS	
Cement			Working	Clean
SELECT NUMBER OF PM DAYS:		CAPACITY	10000 UOM	INCREMENT
			lb	10

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	3500	lb	9500	lb	0
	lb		lb		lb	
	lb		lb		lb	
	lb		lb		lb	
	lb		lb		lb	
	lb		lb		lb	
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	lb		lb		lb	
	lb		lb		lb	

OVERALL TEST RESULTS PASS

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TEST INFORMATION

TEST WEIGHT CLASSIFICATION	EXPANDED UNCERTAINTY
F	6.68
ENVIRONMENTAL CONDITIONS	TEMPERATURE
Acceptable	75
WAS THE SCALE WITHIN CUSTOMERS REQUIRED ACCURACY?	
Yes	
TEST LOCATION	OVERALL RESULT
Onsite	Pass adjustment needed

Comments:

Test all cells and summing box. Test and cal scale. Scale lost calibration. Surge in electric system

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%.