



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

Certificate of Calibration

Customer: SUPERIOR MATERIALS 32
 SUP1173 8911 WEST JEFFERSON

Certificate ID: 662821 AGG A180907112051

Test Date: 09/07/2018

DETROIT, MI

ISO Number: MS-FM-CEM-001

(*Make: ALKON Model : COMMAND SN#: 662821 AGG A Capacity: 40000 LB Graduation: 20 LB

CALIBRATION DATE	DUE DATE	TEST INTERVAL	SCALE ID	SCALE CLASS
09/07/2018	03/09/2019	Semi-Annually	662821 AGG A	III L
SCALE LOCATION			EQUIPMENT CONDITIONS	
AGG A			Working Clean	
SELECT NUMBER OF PM DAYS:		CAPACITY	40000 UOM LB	INCREMENT 20

AS FOUND TEST USING TEST WEIGHTS

Weight Applied	Reading	Error
0	LB 0	LB 0
6000	LB 6000	LB 0
0	LB 0	LB 0
1000	LB 1000	LB 0
2000	LB 2000	LB 0
3000	LB 3000	LB 0
4000	LB 4000	LB 0
5000	LB 5000	LB 0
6000	LB 6000	LB 0
0	LB 0	LB 0

AS LEFT TEST USING TEST WEIGHTS

Weight Applied	Reading	Error
	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

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 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

OVERALL TEST RESULTS PASS



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

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DETROIT, MI

Certificate ID: 662821 AGG A180907112051

Test Date: 09/07/2018

ISO Number: MS-FM-CEM-001

TEST INFORMATION

TEST WEIGHT CLASSIFICATION	EXPANDED UNCERTAINTY
F	15
ENVIRONMENTAL CONDITIONS	TEMPERATURE
Acceptable	80
WAS THE SCALE WITHIN CUSTOMERS REQUIRED ACCURACY?	
Yes	
TEST LOCATION	OVERALL RESULT
Onsite	Pass w/o adjustment

Comments:

Scale on zero load tested to 6000 lbs and build tested to 38000 lbs and sealed.

TRACEABILITY CERTIFICATE NUMBERS:

Kit	NIST	Date	Date Due	Description
GL1504	MI-03-17-13117	3/22/2017	3/22/2019	TRUCK 15 - 1000 LB
GL1502	MI-03-17-13117	3/22/2017	3/22/2019	TRUCK 15 - 1000 LB
GL1503	MI-03-17-13117	3/22/2017	3/22/2019	TRUCK 15 - 1000 LB
GL1505	MI-03-17-13117	3/22/2017	3/22/2019	TRUCK 15 - 1000 LB
GL1506	MI-03-17-13117	3/22/2017	3/22/2019	TRUCK 15 - 1000 LB
GL1501	MI-06-17-13260	6/15/2017	6/15/2019	TRUCK 15 - 1000 LB

Technician(s): RENTE EVANS;Edward G Gorham

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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 Phone: (586) 776-0517

Customer: SUPERIOR MATERIALS 32
 SUP1173 8911 WEST JEFFERSON

DETROIT, MI

Certificate ID: 62821 CEMENT180907111445

Test Date: 09/07/2018

ISO Number: MS-FM-CEM-001

TEST INFORMATION

TEST WEIGHT CLASSIFICATION	EXPANDED UNCERTAINTY
F	3.39
ENVIRONMENTAL CONDITIONS	TEMPERATURE
Acceptable	70
WAS THE SCALE WITHIN CUSTOMERS REQUIRED ACCURACY?	
Yes	
TEST LOCATION	OVERALL RESULT
Onsite	Pass adjustment needed

Comments:

Scale on zero load tested to 6000 lb and sealed.

TRACEABILITY CERTIFICATE NUMBERS:

Kit	NIST	Date	Date Due
Description			
GL1504	MI-03-17-13117	3/22/2017	3/22/2019
TRUCK 15 - 1000 LB			
GL1502	MI-03-17-13117	3/22/2017	3/22/2019
TRUCK 15 - 1000 LB			
GL1503	MI-03-17-13117	3/22/2017	3/22/2019
TRUCK 15 - 1000 LB			
GL1505	MI-03-17-13117	3/22/2017	3/22/2019
TRUCK 15 - 1000 LB			
GL1506	MI-03-17-13117	3/22/2017	3/22/2019
TRUCK 15 - 1000 LB			
GL1501	MI-06-17-13260	6/15/2017	6/15/2019
TRUCK 15 - 1000 LB			

Technician(s): RENTE EVANS;Edward G Gorham

Signature:

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 Phone: (586) 776-0517

Customer: SUPERIOR MATERIALS 32
 SUP1173 8911 WEST JEFFERSON
 DETROIT, MI

Certificate ID: 662821 WATER180907111858

Test Date: 09/07/2018

ISO Number: MS-FM-CEM-001

TEST INFORMATION

TEST WEIGHT CLASSIFICATION	EXPANDED UNCERTAINTY
F	1.28
ENVIRONMENTAL CONDITIONS	TEMPERATURE
Acceptable	70
WAS THE SCALE WITHIN CUSTOMERS REQUIRED ACCURACY?	
Yes	
TEST LOCATION	OVERALL RESULT
Onsite	Pass w/o adjustment

Comments:

Scale on zero load tested to 4000 lb and sealed.

TRACEABILITY CERTIFICATE NUMBERS:

Kit	NIST	Date	Date Due	Description
GL1504	MI-03-17-13117	3/22/2017		
		3/22/2019		TRUCK 15 - 1000 LB
GL1502	MI-03-17-13117	3/22/2017		
		3/22/2019		TRUCK 15 - 1000 LB
GL1503	MI-03-17-13117	3/22/2017		
		3/22/2019		TRUCK 15 - 1000 LB
GL1505	MI-03-17-13117	3/22/2017		
		3/22/2019		TRUCK 15 - 1000 LB

Technician(s): RENTE EVANS;Edward G Gorham

Signature:

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