



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: 62821 CEMENT190517010911

Test Date: 05/17/2019

DETROIT, MI

ISO Number: MS-FM-CEM-001

(*)Make: ALKON Model : COMMAND SN#: 62821 CEMENT Capacity: 10000 lb Graduation: 5 lb

CALIBRATION DATE	DUE DATE	TEST INTERVAL	SCALE ID	SCALE CLASS
05/17/2019	11/16/2019	Semi-Annually	62821 CEMENT	III
SCALE LOCATION		EQUIPMENT CONDITIONS		
		Working	Clean	
SELECT NUMBER OF PM DAYS:		CAPACITY	10000 UOM lb	INCREMENT 5

AS FOUND TEST USING TEST WEIGHTS

Weight Applied	Reading	Error
0	0	0
2000	2000	0
4000	4000	0
6000	6000	0

AS LEFT TEST USING TEST WEIGHTS

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

AS LEFT BUILD TEST

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

OVERALL TEST RESULTS PASS



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DETROIT, MI

Certificate ID: 62821 CEMENT190517010911

Test Date: 05/17/2019

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:

Test and cal scale with county inspector

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): RAY MCCREARY; 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 32
SUP1173 8911 WEST JEFFERSON

Certificate ID: 662821 AGG A190517011920

Test Date: 05/17/2019

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
05/17/2019	11/16/2019	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

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



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DETROIT, MI

Certificate ID: 662821 AGG A190517011920

Test Date: 05/17/2019

ISO Number: MS-FM-CEM-001

TEST INFORMATION

TEST WEIGHT CLASSIFICATION	EXPANDED UNCERTAINTY
F	15
ENVIRONMENTAL CONDITIONS	TEMPERATURE
Acceptable	70
WAS THE SCALE WITHIN CUSTOMERS REQUIRED ACCURACY?	
Yes	
TEST LOCATION	OVERALL RESULT
Onsite	Pass w/o adjustment

Comments:

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): RAY MCCREARY; Joe bielarz

Signature:

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Certificate of Calibration

Customer: SUPERIOR MATERIALS 32
SUP1173 8911 WEST JEFFERSON

Certificate ID: 662821 WATER190517011545

Test Date: 05/17/2019

DETROIT, MI

ISO Number: MS-FM-CEM-001

(*)Make: ALKON Model : COMMAND SN#: 662821 WATER Capacity: 6000 lb Graduation: 1 lb

CALIBRATION DATE	DUE DATE	TEST INTERVAL	SCALE ID	SCALE CLASS
05/17/2019	11/16/2019	Semi-Annually	662821 WATER	III
SCALE LOCATION		EQUIPMENT CONDITIONS		
		Working	Clean	
SELECT NUMBER OF PM DAYS:		CAPACITY	6000 UOM lb	INCREMENT
				1

AS FOUND TEST USING TEST WEIGHTS

[illegible]

AS LEFT TEST USING TEST WEIGHTS

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

AS LEFT BUILD TEST

[illegible]

OVERALL TEST RESULTS N/A



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DETROIT, MI

Certificate ID: 662821 WATER190517011545

Test Date: 05/17/2019

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:

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): RAY MCCREARY; Joe bielarz

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