



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

Customer: SUPERIOR MATERIALS 32
 SUP1173 8911 WEST JEFFERSON

DETROIT, MI

Certificate ID: 62821 CEMENT181119035027

Test Date: 11/19/2018

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:
 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): RON 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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 29540 CALAHAN RD.
 ROSEVILLE, MI 48066
 Phone: (586) 776-0517

Customer: SUPERIOR MATERIALS 32
 SUP1173 8911 WEST JEFFERSON

Certificate ID: 662821 WATER181119035249

DETROIT, MI

Test Date: 11/19/2018

ISO Number: MS-FM-CEM-001

TEST INFORMATION

TEST WEIGHT CLASSIFICATION	EXPANDED UNCERTAINTY
F	1,28
ENVIRONMENTAL CONDITIONS	TEMPERATURE
Acceptable	50
WAS THE SCALE WITHIN CUSTOMERS REQUIRED ACCURACY?	
Yes	
TEST LOCATION	OVERALL RESULT
Onsite	Pass w/o adjustment

Comments:

Change load cell and 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

Technician(s): RON EVANS; Joe bielarz

Signature:

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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 A181119035650

Test Date: 11/19/2018

DETROIT, MI

ISO Number: MS-FM-CEM-001

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

CALIBRATION DATE 11/19/2018	DUE DATE 05/21/2019	TEST INTERVAL Semi-Annually	SCALE ID 662821 AGG A	SCALE CLASS III L
SCALE LOCATION AGG A		EQUIPMENT CONDITIONS Working Clean		
SELECT NUMBER OF PM DAYS:		CAPACITY	40000 UOM LB	INCREMENT 20

AS FOUND 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 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
2000	6000	8000	0
4000	6000	10000	0
6000	6000	12000	0
2000	12000	14000	0
4000	12000	16000	0
6000	12000	18000	0
2000	18000	20000	0
4000	18000	22000	0
6000	18000	24000	0
2000	24000	26000	0
4000	24000	28000	0
6000	24000	30000	0
2000	32000	34000	0
4000	32000	36000	0
6000	32000	38000	0

OVERALL TEST RESULTS PASS



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Test Date: 11/19/2018

ISO Number: MS-FM-CEM-001

TEST INFORMATION

TEST WEIGHT CLASSIFICATION	EXPANDED UNCERTAINTY
F	15
ENVIRONMENTAL CONDITIONS	TEMPERATURE
Acceptable	50
WAS THE SCALE WITHIN CUSTOMERS REQUIRED ACCURACY?	
Yes	
TEST LOCATION	OVERALL RESULT
Onsite	Pass w/o adjustment

Comments:
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