



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

Certificate of Calibration

Customer: SUPERIOR MATERIALS 36
 SUP1192 2470 AUBURN RD

Certificate ID: 62803-a66c180105105302

Test Date: 01/05/2018

AUBURN HILLS, MI

ISO Number: MS-FM-CEM-001

(*Make: ALKON Model: COMMAND SN#: 62803-a66c Capacity: 0 Graduation: 0

CALIBRATION DATE	DUE DATE	TEST INTERVAL	SCALE ID	SCALE CLASS
01/05/2018	07/07/2018	Semi-Annually	62803-a66c	III L
SCALE LOCATION		EQUIPMENT CONDITIONS		
Aggregate 1		Working Clean		
SELECT NUMBER OF PM DAYS:	CAPACITY	67000 UOM	lb	INCREMENT 5

AS FOUND TEST USING TEST WEIGHTS

AS LEFT TEST USING TEST WEIGHTS

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

AS LEFT BUILD TEST

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

OVERALL TEST RESULTS PASS



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Certificate ID: 62803-a66c180105105302

Test Date: 01/05/2018

ISO Number: MS-FM-CEM-001

TEST INFORMATION

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

Comments:

Test scale

TRACEABILITY CERTIFICATE NUMBERS:				
Kit	NIST	Date	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): JOE BIELARZ;devon

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 36
 SUP1192 2470 AUBURN RD

Certificate ID: 62803-A66A180105103334

Test Date: 01/05/2018

AUBURN HILLS, MI

ISO Number: MS-FM-CEM-001

(*Make: ALKON Model: COMMAND SN#: 62803-A66A Capacity: 38000 LB Graduation: 20 LB

CALIBRATION DATE	DUE DATE	TEST INTERVAL	SCALE ID	SCALE CLASS
01/05/2018	07/07/2018	Semi-Annually	62803-A66A	III L
SCALE LOCATION			EQUIPMENT CONDITIONS	
Aggregate a			Working	Clean
SELECT NUMBER OF PM DAYS:		CAPACITY	38000 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
	LB	LB		LB	LB

AS LEFT BUILD TEST

Test Weight Applied	Material Weight Applied	Reading	Error
2000	LB 6120	LB 8120	LB 0
4000	LB 6120	LB 10120	LB 0
6000	LB 6120	LB 12120	LB 0
2000	LB 12020	LB 14020	LB 0
4000	LB 12020	LB 16020	LB 0
6000	LB 12020	LB 18020	LB 0
2000	LB 18060	LB 20060	LB 0
4000	LB 18060	LB 22060	LB 0
6000	LB 18060	LB 24060	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 30020	LB 32020	LB 0
4000	LB 30020	LB 34020	LB 0
6000	LB 30020	LB 36020	LB 0
	LB	LB	LB
	LB	LB	LB
	LB	LB	LB
	LB	LB	LB

OVERALL TEST RESULTS PASS



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AUBURN HILLS, MI

Certificate ID: 62803-A66A180105103334

Test Date: 01/05/2018

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:

Test scale

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): JOE BIELARZ;devon

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Customer: SUPERIOR MATERIALS 36
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Certificate ID: 62803-a66b180105104010

Test Date: 01/05/2018

AUBURN HILLS, MI

ISO Number: MS-FM-CEM-001

(*)Make: ALKON Model : COMMAND SN#: 62803-a66b Capacity: 0 Graduation: 0

CALIBRATION DATE	DUE DATE	TEST INTERVAL	SCALE ID	SCALE CLASS
01/05/2018	07/07/2018	Semi-Annually	62803-a66b	III L
SCALE LOCATION			EQUIPMENT CONDITIONS	
Aggregate b			Working Clean	
SELECT NUMBER OF PM DAYS:		CAPACITY	38000 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	0 lb			
1000 lb	1000	0 lb			
2000 lb	2000	0 lb			
3000 lb	3000	0 lb			
4000 lb	4000	0 lb			
5000 lb	5000	0 lb			
6000 lb	6000	0 lb			
0 lb	0	0 lb			
		0 lb			
		0 lb			
		0 lb			

AS LEFT BUILD TEST

Test Weight Applied	Material Weight Applied	Reading	Error
0 lb	0	0	0 lb
2000 lb	8000	10000	0 lb
4000 lb	8000	12000	0 lb
6000 lb	8000	14000	0 lb
2000 lb	16000	18000	0 lb
4000 lb	16000	20000	0 lb
6000 lb	16000	22000	0 lb
2000 lb	24000	26000	0 lb
4000 lb	24000	28000	0 lb
6000 lb	24000	30000	0 lb
2000 lb	30000	32000	0 lb
4000 lb	30000	34000	0 lb
6000 lb	30000	36000	0 lb
			0 lb
			0 lb
			0 lb
			0 lb
			0 lb
			0 lb

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

Comments:

Test scale

TRACEABILITY CERTIFICATE NUMBERS:				
Kit	NIST	Date	Date Due	Description
GL0601	MI-06-17-13260	6/15/2017	6/15/2019	TRUCK 6 - 1000 LB
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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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