

WORK ORDER

Great Lakes Scale

35380 UNION LAKE RD
 HARRISON TOWNSHIP, MI 48045
 Phone: (586)776-0517
 Fax: (586)776-3169
 Fed Tax ID: 38-3206225

Work Order# 0027239-1
Request Date 10/16/2019 10:31:00 AM
Schedule Date 10/18/2019 9:00:00 AM

Bill To SUP0896
 SUP0896
 SUPERIOR MATERIALS HOLDINGS LLC
 PO BOX 2900
 FARMINGTON HILLS, MI, 48336
 (248) 788-8000

Ship To SUP1104
 SUP1104
 SUPERIOR MATERIALS 35
 39001 W HURON RD
 ROMULUS, MI, 48174
 (248) 788-8000

Customer P.O
Requester DAN THOMAS
Phone (248) 788-8048
Email dehthomas@superiormaterials.net

CONTRACT TYPE: No Contract

DESCRIPTION:

TASK DESCRIPTION	SERVICE TYPE: CAL
SCALE CHECK WAYNE COUNTY - 9AM	

Service Date 10/18/2019

2 hours minimum portal to portal

WORK PERFORMED
 CALL COMPLETE
 CALIBRATIONS COMPLETE. Had to wait On Hilo. Electricians were using. Cement scale off had to clean boots out cement under arms. Loosen front boot. To tight. Clean out pivots and bearings, coupleboots to tight. Loosened. Scales need to be kept clean for proper operation. Recommend changing to 4 cell systems on both scales, both getting wore out. Cal agg scale. Both scales have linier issues .Scales were test and caled with county inspector. Cement scale light by 160 lbs at 6000 lbs. Agg 20 lbs light at 6000 lbs

TECHNICIAN(S)
 JOE BIELARZ, MIKE GLADSTONE

EQUIPMENT SERVICED	ASSET/UNIT #	SERIAL #	MODEL	LOCATION
10,000 x 10 LB	62821-a	62821-a	ALKON SCALE/INDICATOR / COMMAND	
40,000 x 20 LB	62821-b	62821-b	ALKON SCALE/INDICATOR / COMMAND	

PARTS LIST

Customer Signature

 Name:



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

Certificate of Calibration

Customer: SUPERIOR MATERIALS 35
 SUP1104 39001 W HURON RD

Certificate ID: 62821-a191018010917

Test Date: 10/18/2019

ROMULUS, MI 48174

ISO Number: MS-FM-CEM-001

(*)Make: ALKON Model : COMMAND SN#: 62821-a Capacity: 10000 LB Graduation: 10 LB

CALIBRATION DATE	DUE DATE	TEST INTERVAL	SCALE ID	SCALE CLASS
10/18/2019	04/18/2020	Semi-Annually	62821-a	III
SCALE LOCATION		EQUIPMENT CONDITIONS		
Cement		Working	Clean	
SELECT NUMBER OF PM DAYS:	CAPACITY	10000 UOM	LB	INCREMENT
				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	LB	0	LB 0	LB 0	LB	LB
2000	LB 1960	LB -40	LB	LB	1000	LB 1010	LB 10	LB	LB
4000	LB 3920	LB -80	LB	LB	2000	LB 2010	LB 10	LB	LB
6000	LB 5840	LB -160	LB	LB	3000	LB 3010	LB 10	LB	LB
	LB	LB	LB	LB	4000	LB 4000	LB 0	LB	LB
	LB	LB	LB	LB	5000	LB 5000	LB 0	LB	LB
	LB	LB	LB	LB	6000	LB 6000	LB 0	LB	LB
	LB	LB	LB	LB	0	LB 0	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
6000	LB 3300	LB 9310	LB 10
	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	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	LB
	LB	LB	LB
	LB	LB	LB

OVERALL TEST RESULTS PASS



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

Certificate of Calibration

Customer: SUPERIOR MATERIALS 35
 SUP1104 39001 W HURON RD

Certificate ID: 62821-b191018011438

Test Date: 10/18/2019

ROMULUS, MI 48174

ISO Number: MS-FM-CEM-001

(*)Make: ALKON Model : COMMAND SN#: 62821-b Capacity: 40000 LB Graduation: 20 LB

CALIBRATION DATE	DUE DATE	TEST INTERVAL	SCALE ID	SCALE CLASS
10/18/2019	04/18/2020	Semi-Annually	62821-b	III L
SCALE LOCATION		EQUIPMENT CONDITIONS		
Agg		Working	Clean	
SELECT NUMBER OF PM DAYS:	CAPACITY	40000	UOM	LB
			INCREMENT	20

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	0	LB	LB
1000	LB 1000	LB 0	1000	LB	LB
2000	LB 2000	LB 0	2000	LB	LB
3000	LB 3000	LB 0	3000	LB	LB
4000	LB 3980	LB -20	4000	LB	LB
5000	LB 4980	LB -20	5000	LB	LB
6000	LB 5980	LB -20	6000	LB	LB
0	LB 0	LB 0	0	LB	LB
	LB	LB		LB	LB
	LB	LB		LB	LB

AS LEFT BUILD TEST

Test Weight Applied	Material Weight Applied	Reading	Error
2000	LB 8000	LB 10000	LB 0
4000	LB 8000	LB 12000	LB 0
6000	LB 8000	LB 14000	LB 0
2000	LB 16000	LB 18020	LB 20
4000	LB 16000	LB 20020	LB 20
6000	LB 16000	LB 22020	LB 20
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 33980	LB -20
4000	LB 32000	LB 35980	LB -20
6000	LB 32000	LB 37980	LB -20
	LB	LB	LB
	LB	LB	LB
	LB	LB	LB
	LB	LB	LB
	LB	LB	LB
	LB	LB	LB
	LB	LB	LB

OVERALL TEST RESULTS PASS

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40,000 x 20 LB	62821-b	62821-b	ALKON SCALE/INDICATOR / COMMAND	

PARTS LIST

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Customer Signature



James Pullen

Customer: SUPERIOR MATERIALS 35
 SUP1104 39001 W HURON RD

ROMULUS, MI 48174

Certificate ID: 62821-b191018011438

Test Date: 10/18/2019

ISO Number: MS-FM-CEM-001

TEST INFORMATION

TEST WEIGHT CLASSIFICATION	EXPANDED UNCERTAINTY
F	15
ENVIRONMENTAL CONDITIONS	TEMPERATURE
Acceptable	55
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-06-19-14292	6/13/2019	6/13/2021
TRUCK 6 - 1000 LB			
GL0602	MI-06-19-14292	6/13/2019	6/13/2021
TRUCK 6 - 1000 LB			
GL0603	MI-06-19-14292	6/13/2019	6/13/2021
TRUCK 6 - 1000 LB			
GL0604	MI-06-19-14292	6/13/2019	6/13/2021
TRUCK 6 - 1000 LB			
GL0605	MI-06-19-14292	6/13/2019	6/13/2021
TRUCK 6 - 1000 LB			
GL0606	MI-06-19-14292	6/13/2019	6/13/2021
TRUCK 6 - 1000 LB			

Technician(s): MIKE GLADSTONE; 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%.

Customer: SUPERIOR MATERIALS 35
 SUP1104 39001 W HURON RD

ROMULUS, MI 48174

Certificate ID: 62821-a191018010917

Test Date: 10/18/2019

ISO Number: MS-FM-CEM-001

TEST INFORMATION

TEST WEIGHT CLASSIFICATION	EXPANDED UNCERTAINTY
F	6.68
ENVIRONMENTAL CONDITIONS	TEMPERATURE
Acceptable	55
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-06-19-14292	6/13/2019	6/13/2021
TRUCK 6 - 1000 LB			
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TRUCK 6 - 1000 LB			
GL0603	MI-06-19-14292	6/13/2019	6/13/2021
TRUCK 6 - 1000 LB			
GL0604	MI-06-19-14292	6/13/2019	6/13/2021
TRUCK 6 - 1000 LB			
GL0605	MI-06-19-14292	6/13/2019	6/13/2021
TRUCK 6 - 1000 LB			
GL0606	MI-06-19-14292	6/13/2019	6/13/2021
TRUCK 6 - 1000 LB			

Technician(s): MIKE GLADSTONE; Joe bielarz

Signature:



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