



GREAT LAKES SCALE

29540 Calahan • Roseville, MI 48066
888.776.0517 • Fax 586.776.3169
www.greatlakescale.com

SALES | SERVICE | RENTALS

MASTER DISTRIBUTORS OF:
CARDINAL • SETRA • GSE • OHAUS
AVERY WEIGHTRONIX • RICELAKE

ISO/IEC 17025 ACCREDITED
STATE REGISTERED SERVICE AGENCY

6035



10f2

CALIBRATION CERTIFICATE / PROPORTIONING REPORT

CUSTOMER Superior Materials part 39 LOCATION _____

PHONE _____ DATE 12/6/16 PO NUMBER _____

SCALE #1

SCALE #2

MAKE <u>Alkon</u>	TEMPERATURE <u>52°</u>	MAKE <u>Alkon</u>	TEMPERATURE <u>52°</u>
MODEL <u>SPECTRUM V1</u>	S/N WEIGHTS USED:	MODEL <u>SPECTRUM V1</u>	S/N WEIGHTS USED:
SERIAL # <u>23635</u>	<u>GL1501-GL1506</u>	SERIAL # <u>23635</u>	<u>GL1501-GL1506</u>
CAPACITY <u>40,000¹⁵</u>		CAPACITY <u>10,000¹⁵</u>	
RESOLUTION <u>10¹⁵</u>		RESOLUTION <u>5¹⁵</u>	
LOCATION <u>AGG</u>		LOCATION <u>CEMENT</u>	

WT APPLIED	AS FOUND	WT APPLIED	AS LEFT	WT APPLIED	AS FOUND	WT APPLIED	AS LEFT
0	0	WT 23010		0	0	Build	
2000 ¹⁵	2000 ¹⁵	load 6000	29010	1000	1000	wt 3300	3300
4000 ¹⁵	4000 ¹⁵	wt 32000	32000	2000	2000	load 6000	9300
6000 ¹⁵	6000 ¹⁵	load 6000	38000	4000	4000		
WT 10000 ¹⁵		<u>Sealed</u>		6000	6000	<u>Sealed</u>	
load 6000	16000			4000	4000		
WT 16120				2000	2000		
load 6000	22120			1000	1000		
				0	0		

SHIFT TEST		SHIFT TEST		SHIFT TEST		SHIFT TEST	
WT APPLIED	AS FOUND	WT APPLIED	AS LEFT	WT APPLIED	AS FOUND	WT APPLIED	AS LEFT
1		1		1		1	
2	<u>N/A</u>	2		2	<u>N/A</u>	2	
3		3		3		3	
4		4		4		4	
5		5		5		5	

MEASUREMENT UNCERTAINTY	MEASUREMENT UNCERTAINTY	MEASUREMENT UNCERTAINTY	MEASUREMENT UNCERTAINTY
±(<u>3¹⁵</u> +0.6R)	R=RESOLUTION	±(<u>class</u> +0.6R)	R=RESOLUTION

TECH REMARKS	TECH REMARKS
<u>scale on of load tested</u> <u>Build tested sealed</u>	<u>scale on of load tested</u> <u>sealed</u>

PARTS SUPPLIED

Minimum - 2 hours Labor - 2 Men

Tr. In - _____
Work - _____
Tr. Out _____
Mileage _____ Truck # _____

These Results Relate Only to Items Tested

Scales meet NIST standard/Handbook 44
Scales fail to meet NIST standards

1 2

WORK ORDERED BY

TECHNICIAN SIGNATURE _____ CUSTOMER SIGNATURE _____

GLS-QMS-FM-004-REV1

Refer to State Test Report for weights applied

This report may not be reproduced except in full, without the written approval of Great Lakes Scale Company.

Best measurement or uncertainty for weights used during calibration is on our scope of accreditation, which we will provide upon request.

12-09-16;09:41 ;From:

To:12487888575 ;5867763169

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6036



2 of 2

CALIBRATION CERTIFICATE / PROPORTIONING REPORT

CUSTOMER Superior Materials Plant 309 LOCATION _____
PHONE _____ DATE 12/06/16 PO NUMBER _____

SCALE #1

MAKE <u>Aikon</u>	TEMPERATURE <u>52°</u>	MAKE	TEMPERATURE
MODEL <u>SPECTRUM V1</u>	S/N WEIGHTS USED:	MODEL	S/N WEIGHTS USED:
SERIAL # <u>23635</u>	GL1507 - GL1510	SERIAL #	
CAPACITY <u>4000 lb</u>	<u>GL1507 GL1510</u>	CAPACITY	
RESOLUTION <u>2 lb</u>	<u>GL1508 GL1511</u>	RESOLUTION	
LOCATION <u>water</u>	<u>GL1509 GL1512</u>	LOCATION	

WT APPLIED	AS FOUND	WT APPLIED	AS LEFT	WT APPLIED	AS FOUND	WT APPLIED	AS LEFT
0	0						
100	100						
200	200						
300	300						
400	400						
300	300						
200	200						
100	100						
0	0						

SHIFT TEST		SHIFT TEST		SHIFT TEST		SHIFT TEST	
WT APPLIED	AS FOUND	WT APPLIED	AS LEFT	WT APPLIED	AS FOUND	WT APPLIED	AS LEFT
1		1		1		1	
2		2		2		2	
3		3		3		3	
4		4		4		4	
5		5		5		5	

MEASUREMENT UNCERTAINTY $\pm(0.39$	MEASUREMENT UNCERTAINTY $+0.6R)$	MEASUREMENT UNCERTAINTY $R=RESOLUTION$	MEASUREMENT UNCERTAINTY $\pm($	MEASUREMENT UNCERTAINTY $+0.6R)$	MEASUREMENT UNCERTAINTY $R=RESOLUTION$
------------------------------------	----------------------------------	--	--------------------------------	----------------------------------	--

TECH REMARKS scale on 10Ad tested sealed

PARTS SUPPLIED

Minimum - 2 hours Labor - 2 Men

Tr. In - _____
Work - _____
Tr. Out _____
Mileage _____ Truck # _____

These Results Relate Only to Items Tested

Scales meet NIST standard/Handbook 44
Scales fail to meet NIST standards

1 2

WORK ORDERED BY

TECHNICIAN SIGNATURE [Signature] CUSTOMER SIGNATURE [Signature]

GLS-QMS-FM-004-REV1

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