



State of Wisconsin
Jim Doyle, Governor

Department of Agriculture, Trade and Consumer Protection

Rod Nilsestuen, Secretary

Wisconsin Weights and Measures Laboratory

Calibration Certificate

Date Received: June 7, 2010
Date of Test: June 7, 2010

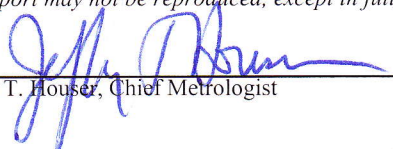
State Test No.: W10-133a
Item(s) Submitted: cast weights
Manufacturer: various
Condition: good
ASTM E617: Class 7
Set Serial No.: n/a
Balance ID#: 7
Procedure used: SOP 8
Temperature: 19.3 °C
Relative Humidity: 53.8 %
Pressure: 740.70 mm Hg

Customer: Abacus Scale Company, Inc.
Address: 1640 W. Pershing Road
Chicago, IL 60609
Contact: John Cheney
Phone: 773 847-5445
PO Number: none

NOTE: ASTM class weights are NOT legal for testing commercial weighing devices in Wisconsin (see NIST Handbook 105-1, Specification 1)

Nominal Mass	Mass Unit	Serial No.	Corrected Balance Readings (mg)		ASTM E617 Class:		Uncertainty, (mg)
			As Found	As Left	As Found	As Left	(k=2)
10	lb	ABA3	301	301	Class 7	Class 7	10
10	lb	ABA4	311	311	Class 7	Class 7	10
5	lb	ABA1	301.9	301.9	Class 7	Class 7	6.0
5	lb	ABA2	201.9	201.9	Class 7	Class 7	6.0
2	lb	ABA5	245.6	245.6	Class 7	Class 7	1.9
2	lb	ABA6	200.6	200.6	Class 7	Class 7	1.9

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Jeffrey T. Houser, Chief Metrologist



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Calibration Certificate

Date Received: June 1, 2010
Date of Test: June 1, 2010

State Test No.: W10-130
Item(s) Submitted: cast weights
Manufacturer: Rice Lake
Condition: good
NIST HB 105-1: Class F
Set Serial No.: n/a
Balance ID#: 10
Procedure used: SOP 8
Temperature: 19.3 °C
Relative Humidity: 59.5 %
Pressure: 735.55 mm Hg

Customer: Abacus Scale Company, Inc.
Address: 1640 W. Pershing Road
Chicago, IL 60609
Contact: John Cheney
Phone: 773 847-5445
PO Number: none

Nominal Mass	Mass Unit	Serial No.	Corrected Balance Readings (mg)		Handbook 105-1 Class:		Uncertainty. (mg) (k=2)
			As Found	As Left	As Found	As Left	
500	lb	501	5,637	5,637	Class F	Class F	932
500	lb	503	137	137	Class F	Class F	932
1000	lb	1	-25,231	-25,231	Class F	Class F	2339
1000	lb	2	-50,931	-6,031	*	Class F	2339
r 1000	lb	1002	-87,631	-87,631	*	**	2339

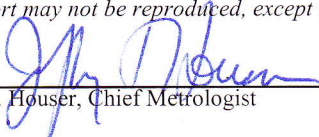
* Weight(s) as found exceed NIST Publication 105-1, Class F tolerance.

** Weight(s) as left exceed NIST Publication 105-1, Class F tolerance.

r Weight has been rejected for calibration (please see enclosed letter for details)

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Calibration Certificate

Date Received: June 7, 2010
Date of Test: June 7, 2010

State Test No.: W10-133
Item(s) Submitted: cast weights
Manufacturer: Dee & Rice Lake
Condition: good
NIST HB 105-1: Class F
Set Serial No.: n/a
Balance ID#: 8&10
Procedure used: SOP 8
Temperature: 19.1 °C
Relative Humidity: 58.9 %
Pressure: 740.71 mm Hg

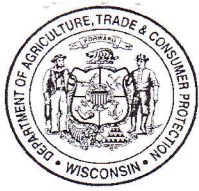
Customer: Abacus Scale Company, Inc.
Address: 1640 W. Pershing Road
Chicago, IL 60609
Contact: John Cheney
Phone: 773 847-5445
PO Number: none

Nominal Mass	Mass Unit	Serial No.	Corrected Balance Readings (mg)		Handbook 105-1 Class:		Uncertainty, (mg) (k=2)
			As Found	As Left	As Found	As Left	
1000	lb	4	-332,331	-731	*	Class F	2339
1000	lb	1001	12,069	12,069	Class F	Class F	2339
50	lb	31	-4,260	910	*	Class F	106
50	lb	32	-5,220	410	*	Class F	106
50	lb	1	11,170	660	*	Class F	106
50	lb	5	-3,390	500	*	Class F	106
50	lb	34	-1,230	-1,230	Class F	Class F	106
50	lb	16	-3,630	660	*	Class F	106
50	lb	18	-2,460	660	*	Class F	106
50	lb	29	-4,850	1,640	*	Class F	106
50	lb	OWM9	-1,580	-1,580	Class F	Class F	106
50	lb	28	-1,560	-1,560	Class F	Class F	106
50	lb	10	-2,990	1,700	*	Class F	106
50	lb	19	-6,000	1,740	*	Class F	106
50	lb	27	3,910	740	*	Class F	106
50	lb	33	-6,690	1,510	*	Class F	106
50	lb	37	-3,890	1,350	*	Class F	106
50	lb	15	-6,340	720	*	Class F	106
50	lb	25	-2,240	1,500	*	Class F	106
50	lb	11 -	-1,150	-1,150	Class F	Class F	106
50	lb	8	-6,490	350	*	Class F	106
50	lb	36	-4,380	540	*	Class F	106
50	lb	35	-6,470	200	*	Class F	106
50	lb	2	-3,440	950	*	Class F	106
50	lb	7	8,810	980	*	Class F	106
50	lb	3	-5,650	550	*	Class F	106
50	lb	9	-5,770	1,750	*	Class F	106
50	lb	4	-2,740	560	*	Class F	106
50	lb	22	-5,570	800	*	Class F	106
50	lb	14	-6,310	360	*	Class F	106
50	lb	20	-8,140	390	*	Class F	106
50	lb	2	-4,060	420	*	Class F	106
50	lb	26	-4,760	560	*	Class F	106

* Weight(s) as found exceed NIST Publication 105-1, Class F tolerance.

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PO Number: none

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			As Found	As Left	As Found	As Left	
50	lb	13	-4,760	280	*	Class F	106
25	lb	3	-2,789	21	*	Class F	83
25	lb	4	-1,949	601	*	Class F	83
25	lb	1	-4,719	221	*	Class F	83
25	lb	6	-1,689	401	*	Class F	83
s 25	lb	5	-229	301	Class F	Class F	83

* Weight(s) as found exceed NIST Publication 105-1, Class F tolerance.

s Weight was in tolerance, but was adjusted because the seal was bad and needed to be replaced.

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