



**SOUTH DAKOTA WEIGHTS AND MEASURES / METROLOGY LAB**

Lab: 1500 N. Garfield-E. Truck Bypass Phone: 605-773-3170  
 Office: 118 West Capitol Avenue Phone: 605-773-3697  
 Pierre, SD 57501

<b>Submitted by:</b>	Scale Center	<b>Report Number:</b>	MP3366 Amended
<b>Mailing Address:</b>	2900 West Russell	<b>Date Received:</b>	02/16/15
<b>City, State, Zip:</b>	Sioux Falls, SD 57107	<b>Date tested:</b>	02/17-18/2015
<b>Artifacts Submitted</b>	50 lb & 25 Lb Test Weights	<b>Condition of Weights:</b>	GOOD
<b>Manufacturer:</b>	Toledo	<b>Temperature (c):</b>	20.6
<b>Test Method Used:</b>	SOP 8/ MODIFIED SUB	<b>Humidity:</b>	47.8%
<b>Equipment Used:</b>	Mettler KA-30/ Vaisala PTU301	<b>Pressure (mm/Hg):</b>	716.1

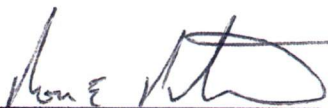
Treatment of artifacts prior to testing: Thermal equilibrium time/conditions were obtained by placing the artifacts in the lab overnight.

Compliance Statement: These weights and associated uncertainties were evaluated against NIST Handbook 105-1 NIST Class F tolerances and the weights were within tolerance at the time of calibration.

Standards Used: SD Lab 50 lb and/or 25 lb Working Standards.

The values reported below relate only to those observations made at the time and conditions of the test. This test report, so numbered, may not be reproduced, except in full, without approval of the laboratory

Nominal	Serial Number	Correction As Found	Correction As Left	Tolerance	Uncertainty	K
50 lb	SC 005	361 mg	361 mg	2300 mg	282 mg	2.08
50 lb	SC 50.003	-769 mg	-769 mg	2300 mg	282 mg	2.08
50 lb	SC 50.005	-1754 mg	31 mg	2300 mg	282 mg	2.08
50 lb	SC 50.013	196 mg	196 mg	2300 mg	282 mg	2.08
50 lb	SCH 50.018	191 mg	191 mg	2300 mg	282 mg	2.08
50 lb	SCH 50.020	21 mg	21 mg	2300 mg	282 mg	2.08
50 lb	TS 011	696 mg	696 mg	2300 mg	282 mg	2.08
50 lb	TS 051	-454 mg	-454 mg	2300 mg	282 mg	2.08
50 lb	TS 052	1171 mg	1171 mg	2300 mg	282 mg	2.08
50 lb	TS 093	196 mg	196 mg	2300 mg	282 mg	2.08
25 lb	SC-25-1	-813 mg	12 mg	1100 mg	136 mg	2.09
25 lb	SC TD-1	-313 mg	-313 mg	1100 mg	136 mg	2.09

  
 Ron Peterson, Metrologist

02/18/2015  
 Date of Report



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City, State, Zip:	Sioux Falls, SD 57107	Date tested:	02/17-18/2015
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Manufacturer:	Unknown	Temperature (c):	20.6
Test Method Used:	SOP 8/ MODIFIED SUB	Humidity:	47.8%
Equipment Used:	Mettler KA-30/ Vaisala PTU301	Pressure (mm/Hg):	716.1

Treatment of artifacts prior to testing: Thermal equilibrium time/conditions were obtained by placing the artifacts in the lab overnight.

Compliance Statement: These weights and associated uncertainties were evaluated against NIST Handbook 105-1 NIST Class F tolerances and the weights were within tolerance at the time of calibration.

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Nominal	Serial Number	Correction As Found	Correction As Left	Tolerance	Uncertainty	K
50 lb	35	176 mg	176 mg	2300 mg	282 mg	2.08
50 lb	MA 206	596 mg	596 mg	2300 mg	282 mg	2.08
50 lb	MA 206	-1354 mg	-1354 mg	2300 mg	282 mg	2.08
50 lb	SC 021	-189 mg	-189 mg	2300 mg	282 mg	2.08
50 lb	SC 025	-184 mg	-184 mg	2300 mg	282 mg	2.08
50 lb	SC 026	391 mg	391 mg	2300 mg	282 mg	2.08
50 lb	SC 03	286 mg	286 mg	2300 mg	282 mg	2.08
50 lb	SC 035	266 mg	266 mg	2300 mg	282 mg	2.08
50 lb	SC 101	-2404 mg	31 mg	2300 mg	282 mg	2.08
50 lb	SC 102	-874 mg	-874 mg	2300 mg	282 mg	2.08
50 lb	SC 105	-2054 mg	16 mg	2300 mg	282 mg	2.08
50 lb	SC 106	256 mg	256 mg	2300 mg	282 mg	2.08
50 lb	SC 107	-329 mg	-329 mg	2300 mg	282 mg	2.08
50 lb	SC 108	86 mg	86 mg	2300 mg	282 mg	2.08
50 lb	SC 110	-989 mg	-989 mg	2300 mg	282 mg	2.08
50 lb	Sc 164	-869 mg	-869 mg	2300 mg	282 mg	2.08
50 lb	SC 189	1011 mg	1011 mg	2300 mg	282 mg	2.08
50 lb	SC B	1951 mg	41 mg	2300 mg	282 mg	2.08
50 lb	SC B	1951 mg	41 mg	2300 mg	282 mg	2.08
50 lb	TS 053	661 mg	661 mg	2300 mg	282 mg	2.08
50 lb	TS 058	-59 mg	-59 mg	2300 mg	282 mg	2.08

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