



LOUISIANA DEPARTMENT OF AGRICULTURE & FORESTRY

MIKE STRAIN DVM

COMMISSIONER



Submitted by: Michelli Scales
130 Brookhollow
Harahan, LA 70123

Test Date: 5-21-2010
Test Number: T10-152
P. O. Number: 11017898

REPORT OF TEST

For Items

20-50 lb test weights
2-25 lb test weights

This report is to certify the standards described below were tested for compliance with the tolerances stated in NIST HB 105-1, "Specifications and Tolerances for Field Standard Weights" (NIST Class F). These items were compared to the standards of the State of Louisiana which are traceable to National Institute of Standards and Technology. The as found value is the mass difference from nominal as received. The as left value is the mass difference from nominal of the item after adjustments if needed in normal air at $20^{\circ}\text{C} \pm 2^{\circ}\text{C}$ and relative humidity of $50\% \pm 10\%$ versus a reference density of 8.0 g/cm^3 using NIST SOP 8. Tolerances are evaluated using the as left value. The expanded uncertainty is determined by using NIST SOP 29, as a guide, and is obtained by taking the root sum of the squares of Type A and Type B uncertainties and multiply by a k-factor of 2. This report has been issued under the authority of the Louisiana Department of Agriculture & Forestry Weights & Measures Division, pursuant to LA Revised Statute 3:4601 et seq.

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Page 1 of 2

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Nominal	ID Number	As Found (mg)	As Left (mg)	Uncertainty (mg)	Tolerance (mg)	Action
50 lb	MNL49	-31810	115	73	2300	Pass
50 lb	MNL96	-30655	100	73	2300	Pass
50 lb	MNL106	-35110	160	73	2300	Pass
50 lb	MNL126	-6245	85	73	2300	Pass
50 lb	MNL177	-33125	175	73	2300	Pass
50 lb	MNL178	-25720	155	73	2300	Pass
50 lb	MNL180	-32530	140	73	2300	Pass
50 lb	MNL183	-24205	70	73	2300	Pass
50 lb	MNL184	-23075	165	73	2300	Pass
50 lb	MNL185	-29010	95	73	2300	Pass
50 lb	MNL187	-32645	200	73	2300	Pass
50 lb	MNL188	-32185	20	73	2300	Pass
50 lb	MNL189	-20860	80	73	2300	Pass
50 lb	MNL190	-30280	125	73	2300	Pass
50 lb	MNL191	-29620	185	73	2300	Pass
50 lb	MNL192	-29595	125	73	2300	Pass
50 lb	MNL193	-30140	165	73	2300	Pass
50 lb	MNL195	-30275	135	73	2300	Pass
50 lb	MNL197	-17490	-17490	73	2300	FAIL
50 lb	MNL198	-21820	60	73	2300	Pass
25 lb	MNF37	-8165	310	128	1100	Pass
25 lb	MNF38	-9910	330	128	1100	Pass

NOTE: 50 lb test weight ID# MNL197 could not be adjusted & must be removed from service.

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