



# LOUISIANA DEPARTMENT OF AGRICULTURE & FORESTRY

## MIKE STRAIN DVM

### COMMISSIONER



**Submitted by: Michelli Scales**  
**130 Brookhollow**  
**Harahan, LA 70123**

**Test Date: 8-20-2010**  
**Test Number: T10-259**  
**P. O. Number: 11018155**

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## 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°C ± 2°C and relative humidity of 50% ± 10% versus a reference density of 8.0 g/cm<sup>3</sup> 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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Form No. RT01

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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	MJL30	3005	185	73	2300	Pass
50 lb	MNL36	-1900	-1900	73	2300	Pass
50 lb	MNL37	-27395	35	73	2300	Pass
50 lb	MNL38	-23165	125	73	2300	Pass
50 lb	MNL39	-23760	145	73	2300	Pass
50 lb	MNL40	-25050	225	73	2300	Pass
50 lb	MNL41	-28260	125	73	2300	Pass
50 lb	MNL43	4675	85	73	2300	Pass
50 lb	MNL44	-22510	135	73	2300	Pass
50 lb	MNL45	-34110	185	73	2300	Pass
50 lb	MNL46	-25290	180	73	2300	Pass
50 lb	MNL47	1090	1090	73	2300	Pass
50 lb	MNL48	3710	20	73	2300	Pass
50 lb	MNL50	-27405	85	73	2300	Pass
50 lb	MNL51	-26270	85	73	2300	Pass
50 lb	MNL52	-27025	190	73	2300	Pass
50 lb	MNL53	-25180	90	73	2300	Pass
50 lb	MNL54	-24515	200	73	2300	Pass
50 lb	MNL55	-24395	160	73	2300	Pass
50 lb	MNL138	-28335	150	73	2300	Pass
25 lb	MNF36	-535	-650	129	1100	Pass
25 lb	MNF41	1465	130	129	1100	Pass

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