



Dave Heineman
Governor

State of Nebraska

DEPARTMENT OF AGRICULTURE
GREGORY A. IBACH
Director

Nebraska Standards Laboratory
3721 West Cuming Street
Lincoln, NE 68524

CERTIFICATION FOR STANDARDS OF MEASUREMENT

Agency: Food Safety & Consumer Protection
SPARE TRUCK

Date: 4/24/2012
Agency ID: 40
NE Cert No: 20120057
P.O. No:

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Submitted By:

Denomination	Serial Number	Weight Number	Tolerance Class
1000 lb	C-12	1	F
1000 lb	C-18	1	F
1000 lb	C-21	1	F
1000 lb	D-12	1	F
1000 lb	D-14	1	F
1000 lb	D-15	1	F
1000 lb	D-16	1	F
1000 lb	D-17	1	F
1000 lb	D-19	1	F
1000 lb	D-2	1	F
1000 lb	D-20	1	F
1000 lb	D-22	1	F
1000 lb	D-23	1	F
1000 lb	D-24	1	F
1000 lb	D-25	1	F
1000 lb	D-26	1	F
1000 lb	D-27	1	F
1000 lb	D-6	1	F
1000 lb	D-7	1	F
1000 lb	D-8	1	F
1000 lb	D-9	1	F

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These field standards have been compared with our reference standards and found to be within the tolerances for their class, or condemned, as prescribed by the National Institute of Standards and Technology. These field standards also meet the required specifications.

The reference standards used are traceable to the National Institute of Standards and Technology (NIST). Our traceability is maintained through control charts, regional inter-comparisons and periodic recertifications. This certificate is issued by the Nebraska Department of Agriculture / Division of Weights and Measures.

See 'Test Results' attached

See report/letter attached



Craig E. Olsen

Nebraska State Metrologist

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SOP 8 - Modified Substitution Test Results

Form No.: NE04LF9-R00

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 Observer: CEO

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Serial Number	Wt. No.	Retest No.	Denom.	Comparator used	Standard Used	Error of test weight	Tolerance	Uncertainty	Accepted or Rejected
C-12	1	0	1000 lb	XP604KM_1K lb	C24	12.1792599 g	45 g	1.6453938 g	A
C-18	1	0	1000 lb	XP604KM_1K lb	C24	3.4792599 g	45 g	1.6453938 g	A
C-21	1	0	1000 lb	XP604KM_1K lb	C24	-12.0207401 g	45 g	1.6453938 g	A
D-12	1	0	1000 lb	XP604KM_1K lb	C24	-6.8207401 g	45 g	1.6453938 g	A
D-14	1	0	1000 lb	XP604KM_1K lb	C24	-11.3207401 g	45 g	1.6453938 g	A
D-15	1	0	1000 lb	XP604KM_1K lb	C24	32.2792599 g	45 g	1.6453938 g	A
D-16	1	0	1000 lb	XP604KM_1K lb	C24	35.5792599 g	45 g	1.6453938 g	A
D-17	1	0	1000 lb	XP604KM_1K lb	C24	57.9792599 g	45 g	1.6453938 g	R
D-17	1	1	1000 lb	XP604KM_1K lb	C24	2.5792599 g	45 g	1.6453938 g	A
D-19	1	0	1000 lb	XP604KM_1K lb	C24	12.6792599 g	45 g	1.6453938 g	A
D-2	1	0	1000 lb	XP604KM_1K lb	C24	44.8792599 g	45 g	1.6453938 g	A
D-20	1	0	1000 lb	XP604KM_1K lb	C24	22.2792599 g	45 g	1.6453938 g	A
D-22	1	0	1000 lb	XP604KM_1K lb	C24	-24.3207401 g	45 g	1.6453938 g	A
D-23	1	0	1000 lb	XP604KM_1K lb	C24	51.7792599 g	45 g	1.6453938 g	R
D-23	1	1	1000 lb	XP604KM_1K lb	C24	6.1792599 g	45 g	1.6453938 g	A
D-24	1	0	1000 lb	XP604KM_1K lb	C24	18.6792599 g	45 g	1.6453938 g	A
D-25	1	0	1000 lb	XP604KM_1K lb	C24	24.7792599 g	45 g	1.6453938 g	A
D-26	1	0	1000 lb	XP604KM_1K lb	C24	-11.0207401 g	45 g	1.6453938 g	A
D-27	1	0	1000 lb	XP604KM_1K lb	C24	3.0792599 g	45 g	1.6453938 g	A
D-6	1	0	1000 lb	XP604KM_1K lb	C24	13.6792599 g	45 g	1.6453938 g	A
D-7	1	0	1000 lb	XP604KM_1K lb	C24	3.6792599 g	45 g	1.6453938 g	A
D-8	1	0	1000 lb	XP604KM_1K lb	C24	8.0792599 g	45 g	1.6453938 g	A
D-9	1	0	1000 lb	XP604KM_1K lb	C24	-9.7207401 g	45 g	1.6453938 g	A

Retest number - 0 indicates "as received" error / 1 indicates "adjusted to" error

The uncertainty of measurement is determined using the uncertainty of the reference standard(s), standard deviation of the process, environmental factors and bias using a RSS calculation. Uncertainty values are calculated using a K factor of 2.

"As received" values for weights may not be a true "as found" value because these weights could have been cleaned and/or repainted prior to submission to this lab. Due to handling, storage and/or environmental factors; the reported values are valid only while test items are within our control. No calibration period or interval is given with this report. We can not guarantee accuracy of results beyond the controls of our laboratory.