



APPLICATION FOR REGISTRATION AS A REGISTERED SERVICE COMPANY

Public Service Commission
SFN 51277 (2/2014)



TYPE OR PRINT - AN INCOMPLETE OR ILLEGIBLE APPLICATION WILL BE REJECTED

Name of Company	Email Address	Application Date	
Farmchem Corp	danielr@farmchem.com	9/4/14	
Mailing Address	City	State	Zip Code
10 N. Washington Ave	Mason City	IA	50401
Telephone Number	Cell Phone Number	Fax Number	
641-423-0741		641-423-0755	

Select below all device types your company will certify:

Scales (include maximum capacity, if applicable)	Liquid (include maximum flow rate, if applicable)
☐ 1. Rail	☐ 1. Retail Fuel (less than 20 gal. per minute)
☐ 2. Truck	☐ 2. High Flow Retail Fuel (20 gal. per minute or greater)
☐ 3. Livestock	☐ 3. Vehicle Tank: Max. Flow Rate: _____
☐ 4. Hopper: Max. Capacity: _____	☐ 4. Stationary Bulk (fuel or oil): Max. Flow Rate: _____
☐ 5. Belt	☐ 5. LPG
☐ 6. Over 30 lbs.: Max. Capacity: _____	☐ 6. Stationary LPG
☒ 7. 30 lbs. or less	☐ 7. Fertilizer: Max. Flow Rate: _____
☐ 8. Class II (indicate on your calibration report which weight kit is Class II certified)	☐ 8. Chemical
☐ 9. Other: Please List:	☐ 9. Anhydrous
	☐ 10. Loading Rack
	☐ 11. Other: Please List:

List below all persons employed by your company as a North Dakota Registered Service Person and the device types they are registered to certify (attach a separate sheet to list additional employees):

Permit No.	Employee	Device Types Registered to Certify (list using device type numbers from above)
e.g. 1001	e.g. John Doe	e.g. Scales - 2, 3, 6, 8; e.g. Liquid - 1, 2, 6
1715	Mike Coker	Scales - 7

Continued on Page 2

Application for Registration as a Registered Service Company
Page 2



List below all field standards (attach current calibration reports):

Mike Coker	INTO, 4CSL

Additional Application Items (initial where appropriate):

Standardized Test Report	☐ Copy enclosed ☒ No change in report filed previously
Tested and Approved Sticker	☐ Copy enclosed ☒ No change in sticker filed previously
Photocopy of Crimped Lead Wire Seal	☐ Copy enclosed ☒ No change in crimped lead wire seal filed previously

Public Company Listing:

Include my company information on your registered service company list for public contact.
☐ Yes ☒ No

I am Daniel Ritchey, and have authority to represent this company.
By signing this application, I declare that I have examined this form and accompanying documentation, and to the best of my knowledge and belief, the facts stated and documentation provided is true, correct, and complete.

Daniel Ritchey
Signature

Send Completed Application and Related Documents To:

Public Service Commission
600 E Boulevard Ave Dept 408
Bismarck ND 58505-0480
Telephone: (701) 328-2400
Fax: (701) 328-2410

North Dakota

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SECRETARY OF STATE NORTH DAKOTA

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FARMCHEM CORP.

Corporation Details

System ID: 28687100**Phone:** (800) 247-1854**Type:** FOREIGN BUSINESS CORPORATION**Status:** Not Good Standing**Status Date:** 08/20/2014**Original File Date:** 03/28/2011**Effective Date:** 03/28/2011**State of Origin:** Iowa

Nature of Business

SERVICE SCALES FOR DUPONT / WEIGHTS & MEASURES

Principal Office

616 MADISON PO BOX 309 FLOYD, IA 50435-0309

Registered Agent

CORPORATE CREATIONS NETWORK INC.

1501 N 12TH #1

BISMARCK, ND 58501

Established Date: Apr 03, 2014

Generate an Annual Report To File

To Generate a Annual Report form to be filed with the Secretary of State, select the appropriate year of the report you intend to file. This report does not contain details of a report previously filed with the Secretary of State. The annual report years reflected are an indication of the various report forms available in this site and is not an indication that an entity needs to file reports for all years. Missing years indicate that the forms for the missing year have not yet been deployed to the website, or have already been removed, and can be obtained by contacting the Secretary of State.

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Department of Agriculture
Division of Weights and Measures

P.O. Box 19282, Forbes Field
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Jackie McClaskey, Secretary
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Sam Brownback, Governor

Expires on: 7/2/2015

Kansas Metrology Laboratory Calibration Report

Report Number: K14754

Submitted by:

FARMCHEM
10 N WASHINGTON AVE
MASON CITY IA 50401

Submitted on: 6/30/2014

Item(s)		
Tested	Adjusted	Rejected
37	0	0

Quantity	Nominal Mass	Type
2	10 lb - 0.001 lb	Weight(s)
1	2 lb	Weight(s)
14	5 lb, 1 lb 8 oz - 1 oz	Weight Kit
6	5 lb	Weight Kit
14	5 lb - 1 lb 8 oz - 1/32 oz	Weight Kit

The calibration of items is performed according to NISTIR 6969, SOP 8. Tolerances are applied from NISTHB 105-1.

Nominal Mass	Serial Number	Conventional Mass as Found	Tolerance $\pm$	Expanded Uncertainty (U), (k=2), $\pm$	Conventional Mass as Left	Adjusted/ In Tolerance/ Rejected
10 lb	APXC	4536.010 g	0.45 g	0.064 g	4536.010 g	In Tolerance
10 lb	APXD	4535.970 g	0.45 g	0.064 g	4535.970 g	In Tolerance
2 lb	AT5L	907.216 g	0.091 g	0.011 g	907.216 g	In Tolerance

The data in the above table of this report only applies to those items specifically listed on this report.

453.59237 g = 1 lb
28.349523125 g = 1 oz

Expires on: 7/2/2015

Kansas Metrology Laboratory

Report Number: K14754



The calibration of items is performed according to NISTIR 6969, SOP 8. Tolerances are applied from NISTHB 105-1.

Nominal Mass	Serial Number	Conventional Mass as Found	Tolerance $\pm$	Expanded Uncertainty (U), (k=2), $\pm$	Conventional Mass as Left	Adjusted/ In Tolerance/ Rejected
5 lb	4BXA	2268.003 g	0.23 g	0.027 g	2268.003 g	In Tolerance
5 lb	4BXA-B	2268.028 g	0.23 g	0.027 g	2268.028 g	In Tolerance
5 lb	4BXA-C	2268.022 g	0.23 g	0.027 g	2268.022 g	In Tolerance
5 lb	4BXA-D	2268.030 g	0.23 g	0.027 g	2268.030 g	In Tolerance
5 lb	4BXA-E	2268.061 g	0.23 g	0.027 g	2268.061 g	In Tolerance
1 lb	4BXA-A	453.6016 g	0.070 g	0.0084 g	453.6016 g	In Tolerance
1 lb	4BXA-B	453.6096 g	0.070 g	0.0084 g	453.6096 g	In Tolerance
1 lb	4BXA-D	453.6126 g	0.070 g	0.0084 g	453.6126 g	In Tolerance
1 lb	4BXA-E	453.6136 g	0.070 g	0.0084 g	453.6136 g	In Tolerance
8 oz	4BXA	226.8222 g	0.045 g	0.0053 g	226.8222 g	In Tolerance
8 oz	4BXA	226.8152 g	0.045 g	0.0053 g	226.8152 g	In Tolerance
4 oz	4BXA	113.4062 g	0.023 g	0.0027 g	113.4062 g	In Tolerance
2 oz	4BXA	56.7041 g	0.011 g	0.0013 g	56.7041 g	In Tolerance
1 oz	4BXA	28.35046 g	0.0054 g	0.00064 g	28.35046 g	In Tolerance

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Nominal Mass	Serial Number	Conventional Mass as Found	Tolerance $\pm$	Expanded Uncertainty (U), (k=2), $\pm$	Conventional Mass as Left	Adjusted/ In Tolerance/ Rejected
5 lb	4CSL	2267.994 g	0.23 g	0.027 g	2267.994 g	In Tolerance
5 lb	4CSL-•	2268.006 g	0.23 g	0.027 g	2268.006 g	In Tolerance
5 lb	4CSL-••	2268.017 g	0.23 g	0.027 g	2268.017 g	In Tolerance
5 lb	4CSL-•••	2268.006 g	0.23 g	0.027 g	2268.006 g	In Tolerance
5 lb	4CSL-••••	2268.013 g	0.23 g	0.027 g	2268.013 g	In Tolerance
5 lb	4CSL-•••••	2268.001 g	0.23 g	0.027 g	2268.001 g	In Tolerance

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The calibration of items is performed according to NISTIR 6969, SOP 8. Tolerances are applied from NISTHB 105-1.

Nominal Mass	Serial Number	Conventional Mass as Found	Tolerance $\pm$	Expanded Uncertainty (U), (k=2), $\pm$	Conventional Mass as Left	Adjusted/ In Tolerance/ Rejected
5 lb	1NTO	2268.040 g	0.23 g	0.027 g	2268.040 g	In Tolerance
2 lb	1NTO	907.213 g	0.091 g	0.011 g	907.213 g	In Tolerance
2 lb	1NTO-•	907.209 g	0.091 g	0.011 g	907.209 g	In Tolerance
1 lb	1NTO	453.6116 g	0.070 g	0.0084 g	453.6116 g	In Tolerance
8 oz	1NTO	226.8122 g	0.045 g	0.0053 g	226.8122 g	In Tolerance
4 oz	1NTO	113.3980 g	0.023 g	0.0027 g	113.3980 g	In Tolerance
2 oz	1NTO	56.7013 g	0.011 g	0.0013 g	56.7013 g	In Tolerance
1 oz	1NTO	28.34989 g	0.0054 g	0.00064 g	28.34989 g	In Tolerance
1/2 oz	1NTO	14.17611 g	0.0028 g	0.00034 g	14.17611 g	In Tolerance
1/4 oz	1NTO	7.08777 g	0.0017 g	0.00021 g	7.08777 g	In Tolerance
1/8 oz	1NTO	3.54368 g	0.0013 g	0.00017 g	3.54368 g	In Tolerance
1/16 oz	1NTO	1.77231 g	0.0011 g	0.00014 g	1.77231 g	In Tolerance
1/32 oz	1NTO	0.88612 g	0.00087 g	0.00011 g	0.88612 g	In Tolerance
1/32 oz	1NTO	0.88642 g	0.00087 g	0.00011 g	0.88642 g	In Tolerance

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Uncertainty Statement:

The combined standard uncertainty includes the standard uncertainty reported for the standard, the standard uncertainty for the measurement process, the standard uncertainty for any uncorrected errors associated with buoyancy corrections (applies to mass values only), the standard uncertainty for any uncorrected errors associated with temperature correction (applies to length and volume values only), and a component of uncertainty to account for any observed deviations from NIST (The National Institute of Standards and Technology) values that are less than surveillance limits. The combined standard uncertainty is multiplied by a coverage factor of 2 to give an expanded uncertainty, which defines an interval having a level of confidence of approximately 95 percent. The expanded uncertainty presented in this report is consistent with the 1993 ISO Guide to the Expression of Uncertainty in Measurement and follows NISTIR 6969, SOP 29. The expanded uncertainty is not to be confused with a tolerance limit for the user during application.

Traceability Statement:

The Kansas Metrology Laboratory Standards are traceable to the SI through NIST and are part of a comprehensive measurement assurance program for ensuring continued accuracy and measurement traceability within the level of uncertainty reported by this laboratory. The laboratory test number identified above is the unique report number to be used in referencing measurement traceability for artifacts identified in this report only.

Condition of Item(s) Submitted for Testing:

Minor wear.

Treatment of Item(s) before Testing:

Item(s) were tested as found.

Equipment & Standards

Equipment	Range	Standard Serial Number
Temperature Hygrometer & Barometer	x 0.1 °C x 0.1 % x 0.01 mmHg	R5120037
4x6HP-5K	10 000 lb x 0.05 lb	C32146/7
Russell	5 000 lb	18
CC30001	41 kg X 0.005 g	60403408
PK 60	62 kg X 0.01 g	F66478
PM2300	2.3 kg X 0.001 g	L02195
MC210S	210 g X 0.000 01 g	60210646



Documentary Standards:

-NIST Handbook 105 Series

-NISTIR 6969, SOP 8

Environmental Conditions

Temperature	Barometric Pressure	Relative Humidity
21.8 °C	736.68 mmHg	46.9 %

Test Date: 7/2/2014

Due Date: 7/2/2015

-Per state statute K.S.A. 83-304(a).

Keith Arkenberg , Metrologist

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