

# Application for Grain Analyzer Phase I



**This application should be used if** you do not currently have an active grain analyzer NTEP Certificate of Conformance (CC) for a specific model; you wish to add additional feature(s) to an existing active CC such as adding test weight per bushel; or you wish to add an additional or updated near infrared calibration to an existing active CC.

## For Use by NCWM

Control #: \_\_\_\_\_

CC #: \_\_\_\_\_

### Application Instructions:

- Review applicable checklist in "NCWM, Publication 14: Grain Moisture Meters and Near Infrared Grain Analyzers."
- Review "NCWM, Publication 14: Administrative Policy."
- Review applicable sections of "NIST, Handbook 44: Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices."
- Sign application. **Unsigned applications will not be accepted.**
- **Submit payment with application.**
- Submit a copy of the amended CC with changes clearly marked.
- Submit **two digital photos** of the device via email or on CD.
- Submit application in one of the following ways:

**Email:** [info@ncwm.com](mailto:info@ncwm.com)

**Mail:** National Conference on Weights and Measures  
Attention: Project Coordinator  
9011 South 83<sup>rd</sup> Street  
Lincoln, Nebraska 68516

**Fax:** 402.434.4878

If completing application by hand, do so **legibly** and in **blue ink**. Illegible applications may delay processing times.

### Part 1. Who Will the Contact Be During the National Type Evaluation Program (NTEP) Application Process

Today's Date:	Are you or someone within your company a National Conference on Weights and Measures (NCWM) Member: <input type="checkbox"/> Yes <input type="checkbox"/> No	NCWM Member ID:	Member Name:
Company:			
Street Address:			
City:	State:	Zip Code:	Country:
Primary Contact Name:		Primary Contact Email Address (Required):	
Phone Number with Extension if Applicable:	Fax Number:	Web site:	
Other Authorized Contact Name:	Other Authorized Contact Email Address:	Other Authorized Contact Phone Number:	

### Part 2. What Contact Information Do You Want to Appear on the NTEP Certificate of Conformance

Company:			
Street Address:			
City:	State:	Zip Code:	Country:
Phone Number with Extension if Applicable:	Fax Number:		
Contact Name:	Email Address:	Web site:	

**Part 3. Where Do You Want ALL Billing to Be Sent**

Company:		Contact Name:	
Street Address:			
City:	State:	Zip Code:	Country:
Email Address (Required):		Phone Number with Extension if Applicable:	

**Part 4. NTEP Fees (Due at time of application.)**

	NCWM Member	Non-Member
Application Fee (non-refundable)	\$800.00	\$1,200.00
Certificate Processing Fee	\$150.00	\$225.00
<b>Total Fees</b>	<b>\$950.00</b> (Application & Processing Fees)	<b>\$1,425.00</b> (Application & Processing Fees)

**\*\* Additional laboratory fees may apply. Annual Maintenance Fees will also apply. See Publication 14 Administrative Policy for details.**

**\*\* Save instantly on your NTEP Application fees by becoming an NCWM Member at [www.ncwm.com/membership](http://www.ncwm.com/membership).**

**Part 5. Publications**

PUBLICATION	NCWM MEMBER UNIT PRICE	NON-MEMBER UNIT PRICE	QUANTITY	AMOUNT DUE
<input type="checkbox"/> <b>Handbook 44</b> (2015 Edition) Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices," as adopted by the National Conference on Weights and Measures	\$46	\$46		\$
<input type="checkbox"/> <b>Publication 14: Administrative Policy</b> (2015 Edition)	\$60	\$120		\$
<input type="checkbox"/> <b>Publication 14: Grain Moisture Meters &amp; Near Infrared Grain Analyzers</b> (2015 Edition) Technical Policy, Checklists and Procedures	\$60	\$120		\$
<input type="checkbox"/> <b>Publication 14: Measuring Devices</b> (2015 Edition) Technical Policy, Checklists and Procedures	\$60	\$120		\$
<input type="checkbox"/> <b>Publication 14: Weighing Devices</b> (2015 Edition) Technical Policy, Checklists and Procedures	\$60	\$120		\$
<input type="checkbox"/> <b>Publication 14 CD</b> (2015 Edition) Includes: Administrative Policy, Grain Moisture Meters & Near Infrared Grain Analyzers, Measuring Devices and Weighing Devices	1-3 CDs \$135 4-9 CDs \$100 10+ CDs \$85	1-3 CDs \$270 4-9 CDs \$200 10+ CDs \$170		\$
<b>SHIPPING &amp; HANDLING</b>	<b>USA ONLY</b>	<b>OUTSIDE USA</b>	<b>SHIPPING DUE</b>	
For quantities larger than those listed, please contact NCWM at 402.434.4872 or <a href="mailto:elisa.stritt@ncwm.com">elisa.stritt@ncwm.com</a> for pricing.	Book(s): 1 = \$12.00 2-3 = \$19.00  CD(s): 1-3 = \$10.00 4-6 = \$16.00	Contact NCWM at 402.434.4872 for shipping rates.	\$	

**Part 6. Payment Information**

<input type="checkbox"/> VISA <input type="checkbox"/> MasterCard <input type="checkbox"/> Discover <input type="checkbox"/> American Express <input type="checkbox"/> Check Enclosed (made payable to NCWM)	
Account Number:	Expiration Date:
Billing Address:	
Zip Code:	
Name on Credit Card:	Total Amount Enclosed:
	\$

**Part 7. General Information**

9011 South 83<sup>rd</sup> Street / Lincoln, Nebraska 68516

P. 402.434.4880 F. 402.434.4878 E. [info@ncwm.com](mailto:info@ncwm.com) W. [www.ncwm.com](http://www.ncwm.com)

Is this Evaluation to Addend An Existing NTEP Certificate of Conformance(CC): ☐ Yes, Provide CC Number:

☐ No

### Part 8. Device Type

Model Designation(s) How It/They Will Appear on the NTEP Certificate of Conformance:

### Part 9. Measurement Technology

What is the Measurement Technology (Check One):

☐ NIR ☐ Dielectric Meters

### Part 10. Standard Features and Options

	Description	Check One
Display and Controls	Alphanumeric Display:	<input type="checkbox"/> Standard <input type="checkbox"/> Option <input type="checkbox"/> NA
	Error Message(s) Display:	<input type="checkbox"/> Standard <input type="checkbox"/> Option <input type="checkbox"/> NA
	LED Display:	<input type="checkbox"/> Standard <input type="checkbox"/> Option <input type="checkbox"/> NA
	Liquid Crystal Display:	<input type="checkbox"/> Standard <input type="checkbox"/> Option <input type="checkbox"/> NA
	Moisture Percentage Display:	<input type="checkbox"/> Standard <input type="checkbox"/> Option <input type="checkbox"/> NA
	Remote Customer Display:	<input type="checkbox"/> Standard <input type="checkbox"/> Option <input type="checkbox"/> NA
	Method of Grain Selection:	<input type="checkbox"/> Standard <input type="checkbox"/> Option <input type="checkbox"/> NA
	Menu:	<input type="checkbox"/> Standard <input type="checkbox"/> Option <input type="checkbox"/> NA
	Alphanumeric Keypad:	<input type="checkbox"/> Standard <input type="checkbox"/> Option <input type="checkbox"/> NA
	Other:	<input type="checkbox"/> Standard <input type="checkbox"/> Option <input type="checkbox"/> NA
Recording Element	Integral Printer:	<input type="checkbox"/> Standard <input type="checkbox"/> Option <input type="checkbox"/> NA
	Printer Interface Capability:	<input type="checkbox"/> Standard <input type="checkbox"/> Option <input type="checkbox"/> NA
	Variable Print Format:	<input type="checkbox"/> Standard <input type="checkbox"/> Option <input type="checkbox"/> NA
	Other:	<input type="checkbox"/> Standard <input type="checkbox"/> Option <input type="checkbox"/> NA
Type/Capabilities	Consecutive Ticket Numbering:	<input type="checkbox"/> Standard <input type="checkbox"/> Option <input type="checkbox"/> NA
	Dot Matrix Printer:	<input type="checkbox"/> Standard <input type="checkbox"/> Option <input type="checkbox"/> NA
	Label Printer:	<input type="checkbox"/> Standard <input type="checkbox"/> Option <input type="checkbox"/> NA
	Prints Identification Number:	<input type="checkbox"/> Standard <input type="checkbox"/> Option <input type="checkbox"/> NA
	Prints Time and Date:	<input type="checkbox"/> Standard <input type="checkbox"/> Option <input type="checkbox"/> NA
	Tape Printer:	<input type="checkbox"/> Standard <input type="checkbox"/> Option <input type="checkbox"/> NA
	Thermal Printer:	<input type="checkbox"/> Standard <input type="checkbox"/> Option <input type="checkbox"/> NA
	Ticket Printer:	<input type="checkbox"/> Standard <input type="checkbox"/> Option <input type="checkbox"/> NA
	Other:	<input type="checkbox"/> Standard <input type="checkbox"/> Option <input type="checkbox"/> NA
Other Features	Adapter:	<input type="checkbox"/> Standard <input type="checkbox"/> Option <input type="checkbox"/> NA
	Audit Trail:	<input type="checkbox"/> Standard <input type="checkbox"/> Option <input type="checkbox"/> NA
	Automatic Shut-Off:	<input type="checkbox"/> Standard <input type="checkbox"/> Option <input type="checkbox"/> NA
	Battery Power Supply AC to DC:	<input type="checkbox"/> Standard <input type="checkbox"/> Option <input type="checkbox"/> NA
	Battery Saving Feature:	<input type="checkbox"/> Standard <input type="checkbox"/> Option <input type="checkbox"/> NA
	Other:	<input type="checkbox"/> Standard <input type="checkbox"/> Option <input type="checkbox"/> NA

<b>Part 11. Grain Moisture and Test Weight per Bushel</b> (Device must be capable of receiving a moisture CC before it is tested for test weight per bushel.)			
<b>Grain Type</b>	<b>NTEP Required Moisture Range</b>	<b>Manufacturer Specified Moisture Range</b>	<b>Is Test Weight Requested</b>
Corn	12 – 18%		<input type="checkbox"/> Yes <input type="checkbox"/> No
Soybeans	10 – 16%		<input type="checkbox"/> Yes <input type="checkbox"/> No
Hard Red Winter Wheat	10 – 16%		<input type="checkbox"/> Yes <input type="checkbox"/> No
Durum Wheat	10 – 16%		<input type="checkbox"/> Yes <input type="checkbox"/> No
Soft White Wheat	10 – 16%		<input type="checkbox"/> Yes <input type="checkbox"/> No
Hard Red Spring Wheat	10 – 16%		<input type="checkbox"/> Yes <input type="checkbox"/> No
Soft Red Winter Wheat	10 – 16%		<input type="checkbox"/> Yes <input type="checkbox"/> No
Hard White Wheat	8 – 14%		<input type="checkbox"/> Yes <input type="checkbox"/> No
Two-Row Barley	10 – 16%		<input type="checkbox"/> Yes <input type="checkbox"/> No
Six-Row Barley	10 – 16%		<input type="checkbox"/> Yes <input type="checkbox"/> No
Oats	10 – 16%		<input type="checkbox"/> Yes <input type="checkbox"/> No
Sunflower Seed	6 – 12%		<input type="checkbox"/> Yes <input type="checkbox"/> No
Long-Grain Rough Rice	10 – 16%		<input type="checkbox"/> Yes <input type="checkbox"/> No
Medium Grain Rough Rice	10 – 16%		<input type="checkbox"/> Yes <input type="checkbox"/> No
Grain Sorghum or Milo	10 – 16%		<input type="checkbox"/> Yes <input type="checkbox"/> No

**Notes:**

1. An NTEP Certificate of Conformance will be granted to cover the full range of 15 NTEP grains upon successful testing of the meter with corn, soybeans and hard red winter wheat.
2. Similar grain types are grouped within double lines above; testing of a meter with any grain in a given grouping will enable the evaluation to cover all grains in the grouping. For example, successful testing of a meter with two-row barley will result in the issuance of a Certificate, which lists all of the other types of grain within the grouping that is six-row barley and oats.

**Part 12. Constituent Grain Analyzer**

<b>Grain Type</b>	<b>Constituent</b>	<b>Manufacturer Specified Constituent Range</b>	<b>Native Moisture Basis for Supplied Calibration</b>
Durum Wheat	Protein		
Hard Red Spring Wheat	Protein		
Hard Red Winter Wheat	Protein		
Soft Red Winter Wheat	Protein		
Soft White Wheat	Protein		
"All Class" Wheat Calibration	Protein		
Two-row Barley	Protein		
Six-row Barley	Protein		
"All Class" Barley Calibration	Protein		
Corn	Protein		
	Oil		
	Starch	Not Available for NTEP Evaluation	
Soybean	Protein		
	Oil		

**Part 13. Design**

What is the Stated Minimum Sample Size:

Voltage Requirements:

Frequency Requirements:

Is the Device Equipped with a Level Indicator:

☐ Yes ☐ No

What is the Specified Temperature Range (Environment):

What is the Specified Temperature Difference (Room Temperature to Grain Temperature):

What is the Specified Grain Temperature Range:

What is the Value of Minimum Moisture Increment:

Means of Sealing (Check all that apply and briefly describe):

- ☐ Audit Trail      Description:
- ☐ Wire Security Seal      Description:
- ☐ Other      Description:

What is the Warm Up Time:

What is the Digital Display Character Height:

Remote Communication Capability:

☐ Yes ☐ No**Part 14. General Description**

Describe the reason this application is being submitted:

**Part 15. Signature****Sign  
Here**

- ☐ By checking this box, the applicant authorizes the National Type Evaluation Program to disclose to Regulatory Officials, upon their request, that this application has been submitted and whether the file is currently open or closed.

Applicant agrees to and accepts all of the following terms and conditions for application for a National Type Evaluation Program (NTEP) Certificate of Conformance. 1) All the devices manufactured as the type referenced will continue to conform to the same specifications and tolerances and be of the same type without technical or metrological deviation of consequence. 2) All costs incurred by the NTEP and participating laboratory(s) will be paid by the applying company. 3) The NCWM policies, practices and procedures set forth in its Bylaws and publications are incorporated by reference as terms and conditions of the issuance/renewal under NTEP. 4) Applicant agrees that the law of the State of Nebraska shall control the interpretation and construction of NTEP and business relationships, including choice of law provisions. The parties agree that the exclusive legal forum of choice of the parties shall be the Lancaster County State District Court located in Lincoln, Nebraska. 5) Applicant agrees that NCWM, its officers, directors, employees and agents shall have no liability for any damages of any nature in excess of the application fee or the annual renewal fee, as applicable. This limitation of liability is a condition of the issuance of any certificate of conformance or renewal certificate under the NTEP Program. **Please be aware that an electronic signature is as legally binding as a handwritten signature.**



Signature

Date

Title