

Application for Grain Analyzer Phase II

This application should be used if you currently have an active Grain Analyzer Certificate of Conformance (CC) for an instrument that measures moisture, moisture, and test weight per bushel, and/or mid-range protein and oil. Phase II testing is performed annually to update the calibrations of devices that are successfully evaluated in Phase I. You must participate annually in Phase II to maintain a current NTEP Certificate of Conformance. All requests for Phase II testing must be submitted by May 15.

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

Mail: National Council on Weights and Measures
 Attention: Project Coordinator
 9011 South 83rd Street
 Lincoln, Nebraska 68516

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

Part 1. Who Will the <u>Contact</u> Be <u>During</u> the National Type Evaluation Program (NTEP) <u>Application Process</u>			
Today's Date:	Are you or someone within your company a National Council 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 <u>Contact Information</u> 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:	

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Part 3. Where Do You Want <u>ALL Billing</u> 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												
Certificate Processing Fee				\$150.00								\$275.00												
Total Fees				\$150.00								\$275.00												
** 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 .																								
Part 5. 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:					Security Code:				
Billing Address:														Zip Code:										
Name on Credit Card:														Total Amount Enclosed:										
														\$										
Part 6. General Information																								
What is the NTEP Certificate of Conformance (CC) Number:																								
Part 7. Device Type																								
Model Designation(s) How It/They Will Appear on the NTEP Certificate of Conformance:																								
Part 8. Measurement Technology																								
What is the Measurement Technology (Check One):																								
<input type="checkbox"/> NIR <input type="checkbox"/> Dielectric Meters <input type="checkbox"/> Other, Explain: _____																								

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Part 9. Standard Features and Options

Has any feature or option been modified, added, or deleted since the last evaluation?

☐ No (Skip this Part and jump to Part 11.) ☐ Yes (Check the appropriate item and provide additional information in Part 14.)

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

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Part 10. Grain Moisture and Test Weight per Bushel			
(Device must be capable of receiving a moisture CC before it is tested for test weight per bushel.)			
Grain Type	NTEP Required Moisture Range	Manufacturer Specified Moisture Range	Is Test Weight Requested
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 11. Grain NIR Protein and Oil				
Grain Type	Is Protein Requested	Manufacturer Specified Protein Range	Is Oil Requested	Manufacturer Specified Oil Range
Corn	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Soybeans	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Hard Red Winter Wheat	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Durum Wheat	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Soft White Wheat	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Hard Red Spring Wheat	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Soft Red Winter Wheat	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Hard White Wheat	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Two-Row Barley	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Six-Row Barley	<input type="checkbox"/> Yes <input type="checkbox"/> No			

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Part 12. Design

Were any design changes made to the device?

☐ No (Skip this Part and jump to Part 14.) ☐ Yes (Describe the change that was made.)

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 13. General Description

Describe the reason this application is being submitted:

Part 14. 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.

☐ Applicants agree 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