

IMPORTANT NOTICE

PLEASE READ BEFORE SUBMITTING THE APPLICATION FOR THE NTEP EVALUATION OF YOUR ELECTRIC VEHICLE FUEL SYSTEM

Beginning November 1, 2021, the National Type Evaluation Program (NTEP) will accept applications to evaluate electric vehicle fueling systems. However, before you apply for an evaluation of your device, please be aware of the following.

1. NTEP will not accept applications for Electric Vehicle Fueling Systems that charge using Direct Current (DC) voltage until there are nationally recognized standards and testing equipment for the certification of those systems.
2. The Handbook 44 Electric Vehicle Fueling System Code is a “Tentative” code. Therefore, NTEP Certificates of Conformance will have a “Provisional” or “P” Status. When NCWM removes the tentative status of the code, NTEP will assess whether there have been changes to the code since your Certificate was issued that will require additional evaluation of your system before removing the provisional status of the Certificate.
3. It is important to understand that the State of California will not accept NTEP Certificates of Conformance with a Provisional Status. You must obtain device certification through the California Type Evaluation Program (CTEP).
4. NTEP will accept test data for evaluations performed by the California Type Approval Laboratory before and after the date of this letter. However, as of this letter, the California Code and the Handbook 44 Code have a few differences related to device requirements. These differences are:
 - a. The specifications for the Value of the Smallest Unit of Measure. The California Code requires this value to be either 0.0005 MJ or 0.0001 kWh, depending on the device’s unit of measurement. The specification in Handbook 44 requires this value to be either 0.005 MJ or 0.001 kWh, depending on the device’s unit of measurement. To address this discrepancy, NTEP will note on the Certificate of Conformance that the device exceeds the requirements of Handbook 44. However, be aware that a State or Local Jurisdiction, other than California, may not accept the operation of a device with a smaller measurement value than specified in Handbook 44.
 - b. The specification related to the devices ability to indicate the maximum rate of energy transfer.

Handbook 44, EVFS Code states:

S.2.4.2. Equipment Capacity and Type of Voltage. – An EVSE shall be able to conspicuously indicate on each face the maximum rate of energy transfer (i.e., maximum power) and the type of current associated with each unit price offered (e.g., 7 kW AC, 25 kW DC, etc.).

The California Code States:

CCR §4002.11. Electrical Vehicle Fueling Systems. (3.40.), S.2.4.2. Equipment Capacity and Type of Voltage. An EVSE shall be able to indicate on each face the unit price at which the EVSE is set to compute or to dispense at any point in time during a transaction. A

computing EVSE shall display the unit price in whole cents (e.g., \$0.12) or tenths of one cent (e.g., \$0.119) on the basis of price per megajoule (MJ) or kilowatt-hour (kWh). In cases where the electrical energy is unlimited or free of charge, this fact shall be clearly indicated in place of the unit price.

To address this difference, it may be possible for the manufacturer to submit photos of their device showing compliance with S.2.4.2. in the Handbook 44, EVFS Code. NTEP reserves the right to require a visual evaluation of the actual device.

If any of these differences apply to your system, please mention the California Type Approval Number in Part 16: General Description of the NTEP application.

Please carefully follow the instructions on the first page of the application form when submitting your Electronic Vehicle Fueling System for NTEP Certification. If you have questions about the above information or need assistance with the application process, you may contact the NTEP Administrator at darrell.flocken@ncwm.com or the NTEP Specialist at mike.manheim@ncwm.com.

Regards,
Darrell Flocken
NTEP Administrator

National Conference on Weights and Measures / National Type Evaluation Program
Application for Electric Vehicle Fueling System Device



This application should be used if the device or equipment is designed to measure and deliver Electricity. Means may or may not be provided to indicate automatically, for one of a series of unit prices, the total money value of the electricity measured, or to make deliveries corresponding to specific money values at a definite unit price.

For Use by NCWM
Control #: _____
CC #: _____

Application Instructions:

- Complete applicable checklist in "NCWM, Publication 14: Electric Vehicle Fueling Systems."
- Read "NCWM, Publication 14: Administrative Policy."
- Read "NIST, Handbook 44: Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices," current code requirements.
- Sign application. **Unsigned applications will not be accepted.**
- **Submit payment with application.**
- Submit a copy of the amended CC with changes clearly marked. (Only if amending current CC)
- Submit **two digital photos** of the device via email with application.
- Submit application in one of the following ways:

Email: info@ncwm.com

Mail: National Conference on Weights and Measures
 Attention: Project Coordinator
 1135 M Street, Suite 110
 Lincoln, Nebraska 68508

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 <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 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 <u>Contact Information</u> Do You Want to Appear <u>on</u> the NTEP Certificate of Conformance?			
Check here if same as Part 1.			
Company:			
Street Address:			
City:	State:	Zip Code:	Country:
Phone Number with Extension if Applicable:	Fax Number:		
Contact Name:	Email Address:	Web site:	

NTEP Application for Electric Vehicle Fueling Systems Device

Part 3. Where Do You Want ALL Billing to Be Sent? Check here if same as Part 1.			
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
Total Fees	\$950.00 (Application & Processing Fees)	\$1,425.00 (Application & Processing Fees)
** Additional laboratory fees may apply. Annual Maintenance Fees will also apply. See Publication 14 Administrative Policy for details.		
To become an NCWM Member, please go to www.ncwm.com/about/membership/renew-join and fill out the Membership Application. One of the many benefits of becoming a member is the reduced fees for NTEP Applications and Annual Maintenance. For a complete list of membership benefits, please go to www.ncwm.com/about/membership/benefits .		

Part 5. Publications				
PUBLICATION	NCWM MEMBER UNIT PRICE	NON-MEMBER UNIT PRICE	QUANTITY	AMOUNT DUE
<input type="checkbox"/> Handbook 44 (2020 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"/> Publication 14: Administrative Policy (2020 Edition)	\$60	\$120		\$
<input type="checkbox"/> Publication 14: Grain Moisture Meters & Near Infrared Grain Analyzers (2020 Edition) Technical Policy, Checklists and Procedures	\$60	\$120		\$
<input type="checkbox"/> Publication 14: Measuring Devices (2020 Edition) Technical Policy, Checklists and Procedures	\$60	\$120		\$
<input type="checkbox"/> Publication 14: Weighing Devices (2020 Edition) Technical Policy, Checklists and Procedures	\$60	\$120		\$
<input type="checkbox"/> Publication 14 CD (2020 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		\$
SHIPPING & HANDLING	USA ONLY	OUTSIDE USA	SHIPPING DUE	
For quantities larger than those listed, please contact NCWM at 402.434.4872 or elisa.strift@ncwm.com 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 (Application will not be processed until payment received)																
<input type="checkbox"/> VISA <input type="checkbox"/> MasterCard <input type="checkbox"/> Discover <input type="checkbox"/> American Express <input type="checkbox"/> Please Invoice <input type="checkbox"/> Check Enclosed <input type="checkbox"/> Check to follow USPS (made payable to NCWM)																
Account Number:										Expiration Date:			Security Code:			
Billing Address:												Zip Code:				
Name on Credit Card:												Total Amount Enclosed: \$				

NTEP Application for Electric Vehicle Fueling Systems Device

Part 7. What Laboratory Would You Like to Conduct the Evaluation? (NTEP reserves the right to select laboratory.)

California Other _____

Part 8. General Information

Is this Evaluation to Amend An Existing NTEP Certificate of Conformance (CC): Yes, Provide CC Number: _____ No

Part 9. Model Designation

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

Part 10. Device Type

Device Type (Check All That Apply):

AC Charger DC Charger **(NTEP is not accepting, at this time, applications for the certification of DC Charging devices.)**

Other Explain: _____

Part 11. Means of Sealing

Category 1
 Physical Seal Event Counters

Category 2
 Physical Seal Event Counters
 Does the instrument have remote configuration capability? Yes No

Category 3 (Event Logger is required)
 Does the instrument have remote configuration capability? Yes No

Describe the Means and Location of the Physical Sealing and or remote configuration capability:

Part 12. Standard Features and Options

Description	Check One
Card Reader:	<input type="checkbox"/> Standard <input type="checkbox"/> Optional <input type="checkbox"/> NA
Cash Acceptor:	<input type="checkbox"/> Standard <input type="checkbox"/> Optional <input type="checkbox"/> NA
Preset Money:	<input type="checkbox"/> Standard <input type="checkbox"/> Optional <input type="checkbox"/> NA
Remote Payment:	<input type="checkbox"/> Standard <input type="checkbox"/> Optional <input type="checkbox"/> NA
Prepaid or Membership Subscription Card:	<input type="checkbox"/> Standard <input type="checkbox"/> Optional <input type="checkbox"/> NA
Mobile App Interface:	<input type="checkbox"/> Standard <input type="checkbox"/> Optional <input type="checkbox"/> NA
RFID Interface:	<input type="checkbox"/> Standard <input type="checkbox"/> Optional <input type="checkbox"/> NA
Computer Interface:	<input type="checkbox"/> Standard <input type="checkbox"/> Optional <input type="checkbox"/> NA
Data Connection: Explain: _____.	<input type="checkbox"/> Standard <input type="checkbox"/> Optional <input type="checkbox"/> NA
Digital Indications:	<input type="checkbox"/> Standard <input type="checkbox"/> Optional <input type="checkbox"/> NA
Analog Indications:	<input type="checkbox"/> Standard <input type="checkbox"/> Optional <input type="checkbox"/> NA
Receipt Printer:	<input type="checkbox"/> Standard <input type="checkbox"/> Optional <input type="checkbox"/> NA
Electronically Sent Receipt:	<input type="checkbox"/> Standard <input type="checkbox"/> Optional <input type="checkbox"/> NA
Parking Charge Feature:	<input type="checkbox"/> Standard <input type="checkbox"/> Optional <input type="checkbox"/> NA
Other: Explain: _____.	<input type="checkbox"/> Standard <input type="checkbox"/> Optional <input type="checkbox"/> NA

Part 13. Device Configuration

Check One:
 Single Charge Cable Dual Charge Cable Other Explain: _____.

Length of Charge Cord/s _____

