

EVSE Training for W&M Officials and Service Agents

**Mahesh Albuquerque, Chair
Training Planning Task Group**



Training Planning Task Group

Office	Name	Affiliation
Chair:	Mahesh Albuquerque	Colorado
NCWM:	Danyelle Dolan	NCWM, Project Coordinator
	Jeff Gibson	NCWM, NTEP Administrator
	Elisa Stritt	NCWM, Director of Operations
Board of Directors:	Kevin Schnepf	California
	Daniel Walker	Ohio
NIST:	Dr. Katrice Lippa	NIST, Office of Weights and Measures
	David Sefcik	NIST, Office of Weights and Measures
	Mike Stocker	NIST, Office of Weights and Measures
Associate Membership Committee:	Bill Callaway	OWL Services
Professional Development Committee:	Ethan Bogren	Westchester County, NY
	Scott Dolan	Vermont
	Jason Flint	New Jersey
	Perry Lawton	TESCO
	Alison Wilkinson	Maryland
	Jim Willis	New York
EV Industry:	Courtney Ferguson	OWL Services
	Steve Griffith	NEMA
	Mal Skowron	Tesla
	Justin Wilson	ChargePoint

EVSE Training Events

1st Event in Denver, Colorado - August 5-8, 2025

2nd Event in Garden Grove, California – February 10-13, 2026

Sold out both events - Registrations closed at 100 attendees

Over 100 persons passed certification exams

3rd Event (and final) in Annapolis, Maryland – September 1-4, 2026



EVSE Training for W&M Inspectors and Service Agents

Conference Agenda | August 5-8, 2025

[Warwick Hotel](#), Denver, CO

Day 1	Tuesday, August 5
8:00 – 9:00 am	Check-in and Coffee
9:00 – 10:15 am	Welcome and Introduction
10:15 – 10:30 am	<i>Mid-Morning Networking Break</i>
10:45 – 11:15 am	EV Infrastructure in US – Vehicles, Charging Stations, Funding
11:45 – 12:00 pm	History and Role of Weights and Measures
12:00 – 1:00 pm	<i>Lunch Provided</i>
1:00 – 2:30 pm	Elements of a Weights and Measures Program
2:30 – 3:00 pm	<i>Mid-Afternoon Networking Break</i>
3:00 – 5:00 pm	Practical Considerations with Regulating EVSE, Electricity Basics, EV Charging Basics
5:00 pm	Adjourned
6:00 – 8:00 pm	Evening Social at Gallara
Day 2	Wednesday, August 6
8:00 – 10:00 am	Review and Application of NIST HB44 EVSE Section 3.4
10:00 – 10:30 am	<i>Mid-Morning Networking Break</i>
10:30 – 12:00 pm	Review and Application of NIST HB44 EVSE Section 3.4 continued
12:00 – 1:00 pm	<i>Lunch Provided</i>
1:00 – 3:00 pm	Review and Application of EPO 30
3:00 – 3:30 pm	<i>Mid-Afternoon Networking Break</i>
3:30 – 4:00 pm	Review and Application of EPO 30 continued
4:00 – 5:00 pm	Charger Test Equipment Review
5:00 pm	Adjourned
Day 3	Thursday, August 7
8:00 – 10:00 am	Field Inspection - Witness Testing; Demo of report generation
10:00 – 12:00 pm	Field Inspection and Testing of AC and DC Chargers - Hands On
12:00 – 1:00 pm	<i>Lunch Provided</i>
1:00 – 2:30 pm	Field Inspection - Witness Testing; Demo of report generation
2:30 – 3:00 pm	<i>Mid-Afternoon Networking Break</i>
3:00 – 4:00 pm	Metrological Maintenance vs Non-Metrological Maintenance
4:00 – 5:00 pm	State Interpretations of HB 44, General Q&A
5:00 pm	Adjourned
Day 4 (optional)	Friday, August 8
8:00 – 9:00 am	Review
9:00 – 12:00 pm	RSA Examinations (Advanced exam purchase required; learn more here)
12:00 pm	Adjourned

Prerequisites: Self Study for RSA's and Inspectors to be completed prior to attending the training

1. Review General Code of HB44 (est time 1 hr)
2. Read EPO 30 (est time 1 hr)
3. HB44 self-tutorial (est time 4 hr)
4. Familiarization with EV Charger (est time 1 hr)

• Day 1

- EV Infrastructure in the US
- History and Role of W&M
- Elements of a W&M Program
- Practical Considerations Regulating EVSE

• Day 2

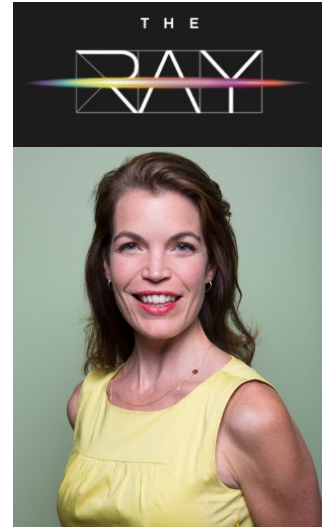
- Review and Application of NIST HB 44 & EPO 30
- EV Charger Test Equipment Review

• Day 3

- Field Testing of AC and DCFC

• Day 4 (Half Day)

- Review and Exam Prep
- NCWM Certification Exams for





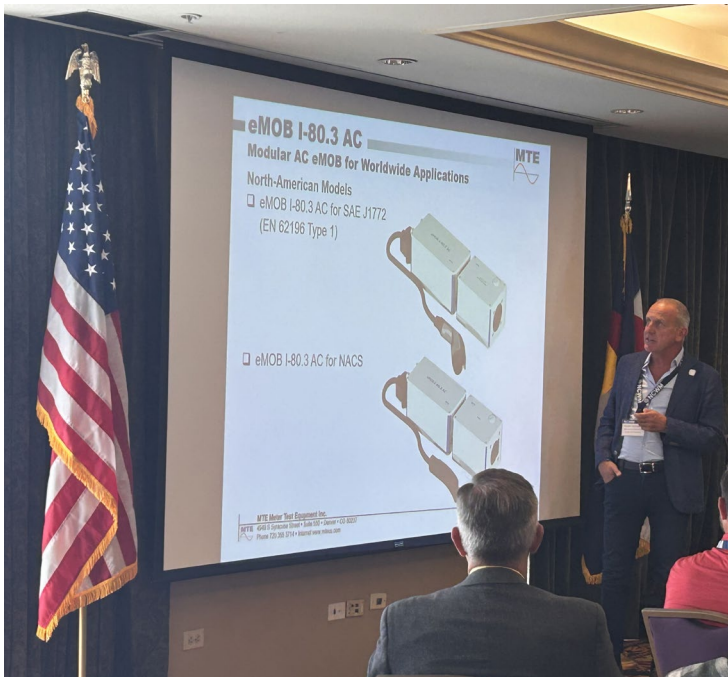
EVSE Training for W&M Inspectors and Service Agents

Training Agenda | February 10 – 13, 2026
Embassy Suites by Hilton Anaheim South | Garden Grove, California

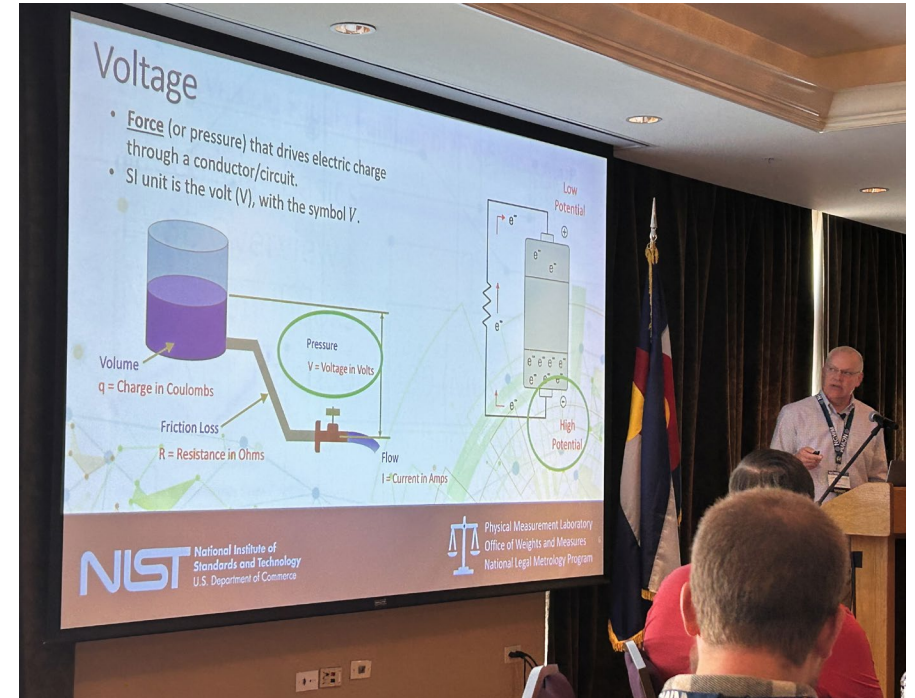
Day 1	Tuesday, February 10	
8:00 – 8:45 am	Check-in and Coffee	
8:45 – 10:00 am	Welcome and Introduction <i>Maresh Albuquerque, Keynote Speaker Laura Renger, CalETC</i>	
10:00 – 10:30 am	Mid-Morning Networking Break	
10:30 – 11:00am	EV Infrastructure in US – Vehicles, Charging Stations, Funding <i>Steve Griffith</i>	
11:00 – 12:00 pm	History and Role of Weights and Measures <i>David Sefcik, Don Onwiler, Kevin Schnepf</i>	
12:00 – 1:00 pm	Lunch Provided	
1:00 – 2:30 pm	Elements of a Weights and Measures Program For EVSE <i>David Sefcik, Kevin Schnepf, Justin Wilson</i>	
2:30 – 3:00 pm	Mid-Afternoon Networking Break	
3:00 – 5:00 pm	Practical Considerations with Regulating EVSE, Electricity Basics, EV Charging Basics <i>Josh Cohen, Mal Skowron, Mike Stone Moderated by Maresh Albuquerque</i>	
Day 2	Wednesday, February 11	
8:00 – 10:00 am	Review and Application of NIST HB44 EVSE Section 3.40 and EPO 30 <i>Loren Minnich, Mike Stocker</i>	
10:00 – 10:15 am	Mid-Morning Break	
10:15 – 12:00 pm	Review and Application of NIST HB44 EVSE Section 3.40 and EPO 30 continued <i>Loren Minnich, Mike Stocker</i>	
12:00 – 1:00 pm	Lunch Provided	
1:00 – 3:00 pm	Review and Application of NIST HB44 EVSE Section 3.40 and EPO 30 continued <i>Loren Minnich, Mike Stocker</i>	
3:00 – 3:15 pm	Mid-Afternoon Break	
3:15 -4:00 pm	Overview of California 4 CCR 4002.11 and EPO 52 <i>Kevin Schnepf, Matt Douglas</i>	
4:00 -5:00 pm	Charger Test Equipment Review <i>Perry Lawton, Karsten Schroder, Theo Brillhart/Benjamin Ewoldt</i>	
Day 3	Thursday, February 12	
8:00 – 9:30 am	What to Expect in the Field – Witness Testing; Demo of report generation <i>Jeremy Epley, Perry Lawton, Jordan Daniel</i>	
9:30 – 10:00 am	Depart for Field Inspections	
10:00 – 12:00 pm	Field Inspection and Testing of AC and DC Chargers - Hands On <i>Jeremy Epley, Perry Lawton, San Diego and Orange County staff, Jordan Daniel</i>	
12:00 – 1:00 pm	Lunch Provided	
1:00 – 3:00 pm	Field Inspection and Testing of AC and DC Chargers - Hands On <i>Jeremy Epley, Perry Lawton, San Diego and Orange County staff, Jordan Daniel</i>	
3:00 – 3:30 pm	Return from Field Inspections	
3:30 – 5:00 pm	Field Inspection and Testing Debrief <i>Moderated by Jeremy Epley</i>	
Day 4	Friday, February 13	
8:00 - 9:00 am	EVSE Communications, Backend Management, and Compliance Considerations <i>Matt Douglas</i>	
9:00 – 9:45 am	CA EVSE Authority and Exemptions for Public Agencies (AB 2037 / §12209.7) <i>Kurt Floren</i>	NCWM EVSE Certification Exams (Must purchase in advance)
9:45 – 10:30 am	CA County EVSE Registration Authority and Best Management Practices <i>Jose Arriaga</i>	
10:30 – 10:45 am	Mid-Morning Networking Break	
10:45 – 11:45 am	CA DMS EVSE Notices/ CA CCR 4001 & 4002.11/ CA RSA Program <i>Matt Douglas</i>	
11:45 -12:00 pm	Wrap up and Adjourn	

- **Day 1**
- EV Infrastructure in the US
- History and Role of W&M
- Elements of a W&M Program
- Practical Considerations Regulating EVSE
- **Day 2**
- Review and Application of NIST HB 44 & EPO 30
- Overview of California 4 CCR 4002.11 and EPO 52
- EV Charger Test Equipment Review
- **Day 3**
- Field Testing of AC and DCFC
- What to Expect in Field and Post Inspection Debrief
- **Day 4 (Half Day)**
- California State and County Specific Training
- Concurrent NCWM Certification Exams





Classroom



Field Inspections



Electric Vehicle Fueling Systems (EVSE)

The NCWM Professional Certification Program provides assurance that an individual has a working knowledge of the U.S. standards for weights and measures as adopted by the NCWM. Certification is available to any individual from the public or private sector whose profession requires thorough understanding of the national weights and measures standards. The Electric Vehicle Fueling Systems exam is based on the current version of NIST Handbook 44 and NIST Examination Procedure Outline (EPO) 30.

The exam tests knowledge, ability to interpret, and ability to apply the applicable elements of NIST Handbook 44 General Code, Electric Vehicle Fueling Systems, Timing Devices and, Appendices A, B, C, and D as well as NIST EPO 30. Some questions will require reading and responding to questions about information found on a National Type Evaluation Program (NTEP) Certificate of Conformance.

Applicants are encouraged to carefully review each module below and to use them as a guide to prepare for the exam.

The exam is in a multiple-choice format and conducted as an open book exam.

Electric Vehicle Fueling Systems (EVSE)



Member \$0.00
Non-Member \$120.00

☐ In-Person proctor ☐ Virtual proctor

[ADD TO CART](#)

EVSE Exams

Professional Certification
69 passed since launch.
Pass percentage: 66%

Registered Service Agent
32 passed since launch
Pass percentage: 74%



NCWM Registered Service Agents (RSA) Exams

NCWM developed these exams for voluntary recognition by the states for the purpose of registering service agents. If a state is not listed on this page, contact the state authority for more information. A directory of state offices is on the [NCWM home page](#).

Below are technical exams covering NIST Handbook 44, followed by state exams covering rules, regulations, or statutes specific to that state. Some participating states do not require a state exam. Those also are listed below.

Upon completion of an exam, the applicant will receive feedback on areas of success and areas for improvement. If the applicant does not pass, the exam will need to be repurchased.

On successful completion of each exam, the applicant will receive an email with a certificate of completion. It is the applicant's responsibility to contact each state to complete the registration process.

EVSE Training for Weights and Measures Officials and Service Agents - Fall 2026

Tuesday, September 1st - Friday, September 4th, 2026
Annapolis, Maryland

Registration : Now through August 31st, 2026 or until capacity has been met

For more details, please contact:

Don Onwiler

don.onwiler@ncwm.com

Registration or hotel questions, please contact:

Elisa Stritt

elisa.stritt@ncwm.com



Fall 2026 Meeting Agenda

Full Attendance

\$450 for Members

\$575 for Non-Members

Day One-Only Attendance

\$200 for Members

\$325 for Non-Members

REGISTER TODAY

Help Sponsor this Event

Platinum - \$5,000

Gold - \$3,000

Silver - \$2,000

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