

## Weights & Measures Division

#### **Mission and Core Purpose**



## WITH YOU EVERY DAY

Wherever you are in Minnesota, the Department of Commerce is with you every day.

Whether you're filling up on gas, purchasing a home, working to reduce energy consumption or rebuilding after a disaster—we are with you, no matter what. Protect the Public Interest Protect the public interest through consumer protection, consumer education, assistance to consumers, safety, health, and financial security, and lowering inequities

Trusted Resource Serve as a trusted public resource for consumers and businesses by listening and learning from the Minnesotans Commerce serves, being effective stewards of public resources, advocating for Minnesota consumers and developing a policy, programmatic, and regulatory environment that meets their needs.

Reduce Economic Barriers Reduce economic barriers within Commerce regulatory oversight and reduce disparities within those of all races, ethnicities, religions, economic statuses, gender identities, sexual orientations, (dis)abilities, and zip codes.

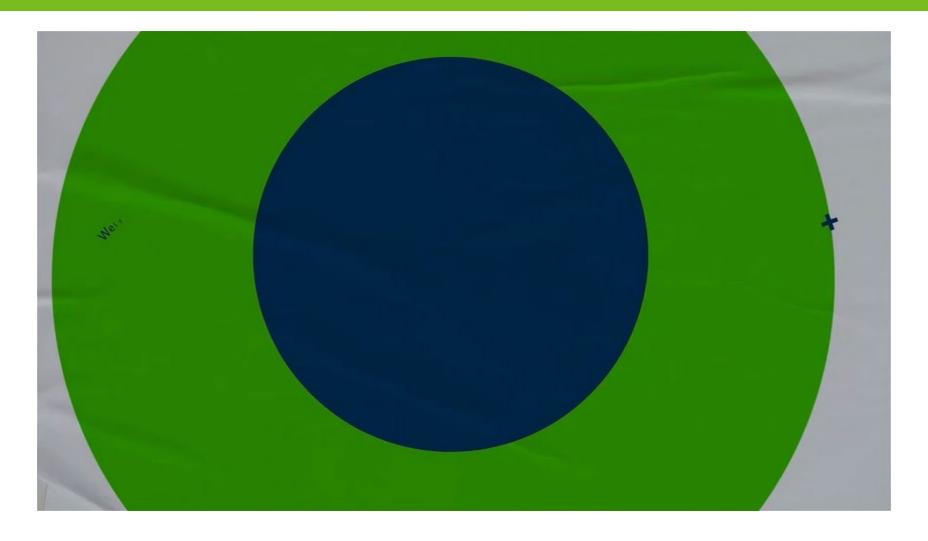
Climate Change Resilience

Ensure all, especially historically disadvantaged Minnesotans are resilient to Minnesota's climate and engaged in advancing efforts to mitigate climate change.

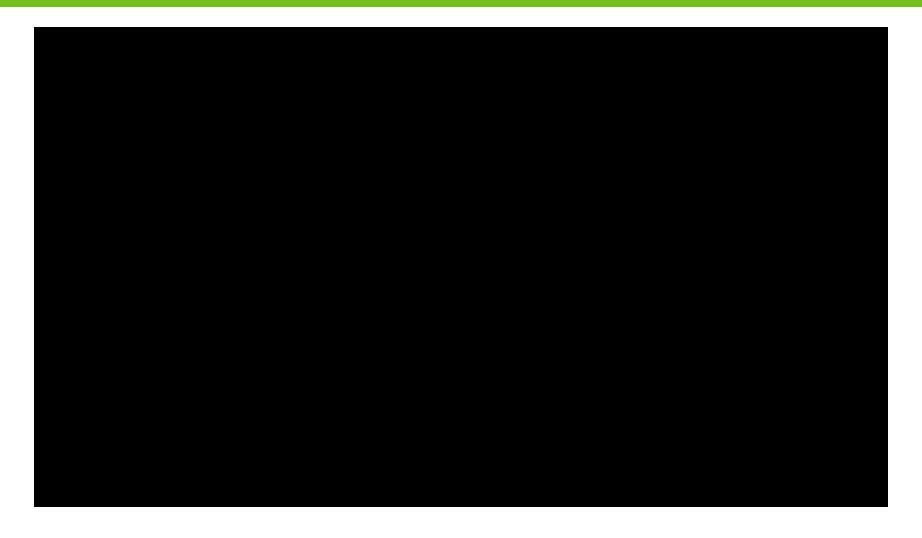
Strong, Competitive, Fair marketplace

Ensure a strong, competitive, and fair marketplace for Minnesotans.

## **What Weights and Measures Does**



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#### **Petroleum Lab & Fuel Quality Standards**



- Product quality and compliance with ASTM Specifications.
- Compliance with Biofuel Mandates outlined in MN 239.
- Consumer and business protection by identifying contaminated petroleum products and removing from sale.

#### **Metrology Lab & Traceable Standards**

- Maintains traceable standards for mass and volume.
- Standards are traceable to the International Prototype of the Kilogram maintained by International Bureau of Weights and Measures (BIMP) in France through National Institute of Standards and Technology (NIST). This traceability ties all measurements made around the globe to one standard.
- Supports accuracy of commercial devices by certifying standards used in the field, and the standards used by other State Metrology Laboratories.

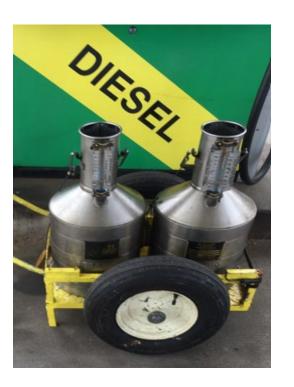


#### Why EVSEs and W&M

Electricity sold as a transportation fuel = commercial measurement transaction.

kWh is the new 'gallon' and subject to the same fairness principals.

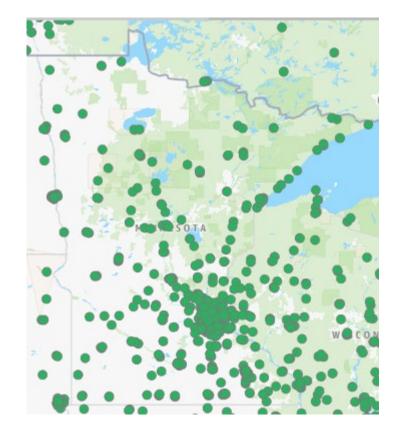




#### **Current Landscape in Minnesota**

 Rapid infrastructure growth: 30% increase in ports since the Department original proposal.

 Now over 2,770 charging ports at 1,031 locations statewide.

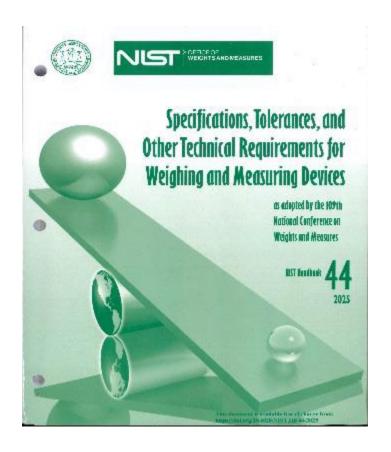


# Retail Electric Vehicle Supply Equipment Minnesota Statute § 239.90

- Sets definitions Electric vehicle supply equipment or EVSE, Electricity sold as vehicle fuel, Fixed service,
   Nominal power and Variable service.
- Creates a program account Funds the inspection program with \$100 fee per port inspected.
   Fees collected via inspection will go to a special revenue fund and appropriated to the Department to pay operations of this program.
- Establishes method of sale Kilowatt-hour unit.
- **Establishes uniform labeling and advertising -** Establishes how the label, advertising and sign prices should be shown to consumers.
- Allows for administrative rulemaking Incorporate the 2025 version of NIST Handbook 44.

10/15/2025

#### **NIST Handbook 44**



- National model standards for measurement devices since 1949.
- Defines test procedures, tolerances, manufacturing specifications and user requirements.
- Revised annually by the National Council on Weights and Measures and NIST.

#### **Policy Goals**

- Protect Consumers and businesses in building trust in EV charging.
- Ensure consistent and fair marketplace practices.
- Provide clear regulatory expectations for industry.
- Align Minnesota with national standards and best practices.

#### **TESTED AND FOUND CORRECT 2025**



Learn what this sticker means: mn.gov/wmtested 651-539-1555

#### **Challenges Ahead**



- Resource and workforce development needs.
- Locating devices and establishing ownership.
- Coordinating inspections across the state.
- Rapidly evolving technology and standards.
- Balancing enforcement with market innovations.

#### **Questions? Thank You!**

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