

# Electrical Skills Training for Water/Wastewater Operators

**March 19–20, 2025**



**MMUA Training Center  
1004 Michigan Rd, Marshall, MN**

# Program details

## Training overview

This course is offered as supplemental training for non-electrician water/wastewater operators and support staff.

This year's workshop will be led by Mike Miller, safety director with the Electric Association who will cover topics that benefit non-electricians to further develop skills and increase confidence to work safely in a water/wastewater environment.

Plus, there will be plenty of hands-on exercises covering everything from the basics of operating a voltmeter to more challenging troubleshooting on various electrical equipment.

This workshop may qualify as training hours through the Minnesota Department of Health and the Minnesota Pollution Control Agency.

## Certificate of achievement

Attendees earn a certificate of achievement for their participation.

## What to bring

Please bring appropriate attire and materials, including:

- Arc flash shield
- Safety glasses
- Appropriate rubber gloves with leather protectors
- Voltmeter
- Commonly used hand tools for maintenance
- Safety footwear

## Registration information

Member: \$555 per person

Must be a member to register. Fee includes school tuition, materials, refreshment breaks, lunch on Thursday. Registration fee increases \$50 on February 21, 2025. MMUA will issue a refund (less \$50 processing fee per person) provided MMUA is notified of the cancellation by 4:30 pm on February 28.

**To register, visit [mmua.org/event/electric-skills-training-water-wastewater-operators-2025](https://mmua.org/event/electric-skills-training-water-wastewater-operators-2025).**

**Register by February 20, 2025 for best rate. Advanced registration closes on February 28, 2025.**

## Agenda

### Wednesday, March 19

- 12:00–1:00 Registration and check-in
- 1:00 Welcome and opening remarks
- 1:00–4:00 Safety overview
  - Personal protective equipment
  - Review National Electrical Code
  - Hazard identification and arc flash hazards
  - Review of process: how to register with State of Minnesota

### Thursday, March 20

- 8:00–9:30 Tour of Marshall water treatment plant
- 9:30–12:00 Safety review and what electrical work you can do as a non-electrician
- 12:00–12:45 Lunch served
- 12:45–4:00 Hands-on exercises
  - Electrical testing
  - Troubleshooting techniques
  - Lockout tagout
  - Voltage checks; test/size fuses
- 4:00–4:30 Q and A and recap
- 4:30–4:45 Closing remarks and wrap-up

## Hotel information

Marshall offers many hotel options, in addition to the hotels listed below. MMUA has arranged for discounted lodging at these hotels. Please call the hotel directly and ask for MMUA's reduced rate when making your reservation. We recommend making your reservation as soon as possible, as availability cannot be guaranteed.

### AmericInn

1406 E Lyon St, Marshall  
Phone 507-537-9424

### EverSpring Inn & Suites

1500 E College Dr, Marshall  
Phone 507-532-3221