



Exam Prep for S Licenses

October 8 | Marshall, MI

Course #: 4415 | CECs: 0.5 Technical DW

8:00 AM – 8:15 AM	Check-in/ Registration
8:15 AM - 8:30 AM	Course Orientation & S License Scope Overview of S license limitations, operational responsibilities, exam structure, and relationship between exam topics and distribution system operation.
8:30 AM – 9:45 AM	Applied Math & Hydraulics for Distribution Systems Applied math instruction covering flow, pressure, volume, unit conversions, and basic hydraulics used in distribution and storage systems.
9:45 AM-11:00 AM	Distribution System Components & Operation Instruction on water main installations, pipes and joints, valves, hydrants, meters, storage reservoirs, cross connections and routine operation and maintenance activities.
11:00 AM-11:30 AM	Pumps, Motors & Instrumentation Operation and maintenance of pumps, motors, and instrumentation. Understanding types, trouble shooting, and calculations.
11:30 AM - 12:00 PM	Lunch (provided)
12:00 PM – 1:00 PM	Water Quality, Chlorination & Monitoring Review of water quality parameters, chlorination principles, sampling requirements, microbiology, and monitoring responsibilities.
1:00 PM – 1:45 PM	Safety, Emergency Response & Security Instruction on safety practices, emergency response, contingencies, and system security responsibilities for drinking water distribution systems.
1:45 PM – 2:15 PM	Regulatory Compliance, Recordkeeping & Reporting State and federal regulatory requirements, SDWA compliance, recordkeeping, reporting obligations, and operator responsibilities.
2:15 PM – 3:00 PM	Exam-Style Technical Review & Wrap-Up Practice questions and applied technical review aligned with S exam content areas, followed by final questions and course wrap-up.
3:00 PM	Adjourn