

CEUs - CONTINUING EDUCATION UNITS

O&M of Water Distribution Systems

[3 DAYS INSTRUCTION]

COURSE OVERVIEW

A water distribution system is the physical works that deliver water from the water source to the intended end point or user. It is designed to deliver sufficient water quantity and quality to meet the requirements of the customer. This course will define and describe the equipment and techniques used in water distribution, and explain their application in the workplace. The water distribution system operator will be able to explain and apply the processes that are key to the safe operation of a drinking water distribution system.

COURSE OUTLINE

- Water distribution systems: definition, the water distribution operator, pumps and motors, pipe systems, classification of valves, water storage and hauling.
- Safety: guidelines and responsibilities, hazards in the workplace, first aid, emergency response handling.
- Operation and Maintenance: regulations, sampling analysis, common problems and correction action, flushing and swabbing, O & M for pressure and flow, meters, leak detection, corrosion control and cathodic protection, cross connections and backflow prevention, O & M of mechanical equipment, disinfection, maintenance schedule, construction standards, best practices.
- Troubleshooting and Repairs: troubleshooting pipes, procedures for excavations and repair of piping, disinfection procedures for broken piping, thawing procedures for frozen pipes.

TARGET AUDIENCE

Water utility field staff, water utility construction inspectors, and water system design personnel.

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REGISTRATION FORM
FROM OUR HOMEPAGE.**

LOCATION

209-100 Casimir Ave.
Dryden, ON P8N 3L4

PHONE

807-737-1135 x4000
877-737-5638 x4000

FAX

807-223-8426

E-MAIL

info@watertraining.ca

WEB SITE

www.watertraining.ca



COURSE DURATION

3 days

TIME

8:30 am to 4:30 pm

DIRECTOR APPROVED CEUs

1.9

TRAINER

TBA

COST

\$750.00 + \$97.50 HST = \$847.50

