

CEUs - CONTINUING EDUCATION UNITS

Disinfection

[3 DAYS INSTRUCTION]

COURSE OVERVIEW

To provide operators of water treatment and water distribution systems with the understanding of the various processes available for the disinfection of potable water.

COURSE OUTLINE

- Destroying pathogens in water (introduction / overview, disinfection by inactivation, chemical disinfection methods – chloramination, chemical disinfection methods – ozone, chemical disinfection methods – ultraviolet light, chemical disinfection methods – chlorination, chemical disinfection methods – chlorine dioxide generation, factors that affect chemical disinfection, chemical disinfection by-products (DBPs)).

- Physical disinfection (process of filtration, filtration technologies, monitoring granular filter performance, granular filter problems, troubleshooting granular filter problems, membrane filtration, particle counting).

- Chlorination equipment (gas chlorination facilities, hypochlorination facilities, facilities for other oxidants, chlorine safety).

- Disinfection chemical feed calculations.

- Procedure for disinfection of drinking water in Ontario.

- Appendices (glossary, disinfection test).

PREREQUISITE

Open.

TARGET AUDIENCE

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

**DOWNLOAD THE KCE
REGISTRATION FORM
FROM OUR HOMEPAGE.**

LOCATION

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WEB SITE

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COURSE DURATION

3 days

TIME

8:30 am to 4:30 pm

DIRECTOR APPROVED CEUs

1.9

TRAINER

Robert Durante

COST

\$900.00 + \$117.00 HST = \$1017.00

