

Course Title: **Fire Hydrant Inspection in Compliance with the Ontario Fire Code Reg. 650/05**

Contact Hours: 7.0

CEU Value: 0.7

Course Description:

This course is designed to help water authorities conform to the Ontario Fire Code requirement that all fire hydrants be maintained operational and readily available for use. Water operators attending will be taught a thorough hydrant inspection procedure that will test all internal and external components of a typical dry barrel fire hydrant. The actual language of the Fire Code is used to explain the necessity of proper inspection. This training emphasizes the strong correlation between the quality of the hydrant inspection and the protection of lives and property.

Areas of study include:

- Definition of operating condition
- Hydrant inspection procedure & obstructions
- Recording of test results
- Secondary valve
- Water accumulation in hydrant barrel
- Flowing water / use of hydrant diffusers
- Industry-standard flow measurement devices
- Mounting pressure and flow test equipment
- Visual inspection of fully charged hydrant
- The Flow Test
- The drain mechanism
- Documenting inspection results
- Surge and water column energy
- Effects of operator abuse
- Colour coding of fire hydrants