



Section • American Water Works Association
MA • Water Environment Federation



Developer and Owner – WWOTC

Online Course – Instructor Led

**Fire Hydrant & Valve:
Operation, Inspection, Maintenance and
Installation**

October 20-21, 2026 (8:30 AM – 12:30 PM AST)

Course Objective / Description

The objective of this one-day course is to provide participants with training on how to inspect, repair and manner in compliance with policies, procedures, and legislation.

Opportunities for hands-on application have been included to maximize learning and retention.

What will be covered:

- Regulations, policies, and procedures
- Inspection, installation, and repair of fire hydrants (McAvity, AVL & Century)
- Inspection, installation, and repair of valves
- Safe work practices
- Hands-on training will cover:
 - o Maintenance and normal operations for both fire hydrants and valves
 - o Minor repairs including replacement of gaskets, nozzles, O rings, main valves, valve stems 7 spider couplings, breaking flanges etc.
 - o Correct use of grease (including samples)
 - o Repairs to non-rising stem gate valves, including bold and bonnet replacement, packing replacement etc.
 - o Fire hydrant inspection to Fire Code

Lesson	Description	Contact Hours
Lesson 1	Fire Hydrants – Uses and Types	0.5
Lesson 2	Fire Hydrants – Operation, Installation and Maintenance	2.0
	Break	
Lesson 3	Types of Valves	1.0
	Break	
Lesson 4 & 5	Valve Exercising and Maint., Valve Repair and Replacement	1.0
Lesson 6	Fire Hydrant and Valve Demo	0.5
	Break	
Lesson 7	Fire Hydrant and Valve Demo Cont'd	1.5
Lesson 8	Overview and Exam	0.5

CEU: 0.7

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Name: _____

Company: _____

Company Mailing Address _____

City, Province: _____ Postal Code: _____

Phone: _____ Email: _____

ACWWA Membership #: _____ WEF Membership #: _____

If no membership number is listed, you will be invoiced as a non-member. See pricing below.

Fee for ACWWA or WEF Members & Employees of UTILITY Members

Course: \$355.00 + \$49.70 HST (14%) = \$404.70

Fee for Non – Members

Course: \$380.00 + \$53.20 HST (14%) = \$433.20

Invoices will be sent to the address listed above.

PO number to be included on the invoice _____

Payment can be made by Visa, Master Card or cheque.

Card Holder's Name _____

Credit Card Number _____ Expiry _____

Signature _____ CVV _____

Email address for credit card receipt _____

Cheques should be made payable to:

ACWWA

PO Box 28141 · Dartmouth, NS · B2W 6E2

Phone 902-434-6002 Fax 902-435-7796