



ONLINE COURSE 2 DAYS HYPOCHLORINATION

Developer and Owner - BC Water and Waste Association (BCWWA)

The hypochlorination course is intended for participants who use hypochlorination as a main source of disinfection or who may use hypochlorites to rechlorinate within their water distribution systems. This course will discuss basic concepts of disinfection and hypochlorination math while covering a variety of operations including on-site hypochlorite generation.

Time	Topic	Objectives
1.0	Safe Handling of Hypochlorites	<ul style="list-style-type: none"> • Sodium Hypochlorite • Calcium Hypochlorite • Safe Handling of Hypochlorites
1.50	Water Sources and Pathogens	<ul style="list-style-type: none"> • Surface Water and Water Quality • Ground Water and Water Quality • Multi barrier Approach • Describe different water pathogens • Efficacy of barriers to different water pathogens
1.0	Safe Drinking Water Regulations	<ul style="list-style-type: none"> • BC Safe Drinking Water Regulation • Indicators of eColi • Testing methods for eColi
2.0	Disinfection	<ul style="list-style-type: none"> • Principles of disinfection • Methods of disinfection • Chloramination
2.0	Hypochlorination Equipment	<ul style="list-style-type: none"> • Describe the different types of hypochlorination equipment • Metering pumps • Feed control systems
2.0	Residuals Monitoring and Math	<ul style="list-style-type: none"> • Dosage/Demand/Residual Relationships • Monitoring systems • Calculations related to chlorine dosage • residuals and break point

Time	Topic	Objectives
1.0	Reservoirs and Main Disinfection	<ul style="list-style-type: none"> • Disinfecting water storage facilities • Disinfecting wells • Underwater Inspections
1.0	Dechlorination	<ul style="list-style-type: none"> • Chemical methods for dechlorination • Non chemical methods for dechlorination • Dechlorination devices
.50	Introduction to Hypochlorination	<ul style="list-style-type: none"> • History of Chlorine • Uses of Chlorine

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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: $\$350.00 + \$52.50 \text{ HST (15\%)} = \402.50

Fee for Non – Members

Course: $\$395.00 + \$59.25 \text{ HST (15\%)} = \454.25

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 _____

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