



Chlorine Disinfection

September 19-20, 2017

Charlottetown, PE

COURSE OBJECTIVES:

This two-day workshop is a condensed form of the traditional four-day course. It provides coverage of all fundamental subjects relating to the transportation, safe handling, storage and metering of chlorine gas. Disinfection strategies are reviewed including presentations, group discussions and demonstrations where applicable.

WHO SHOULD ATTEND:

Designed for operators of water and wastewater treatment facilities, this workshop is also recommended for all those working in or providing design and/or support for industries using chlorine and related disinfection agents. Operators must also obtain on site, site-specific training as per WCB regulations.

OUTLINE:

TIME	DAY 1	DAY 2
08:30 - 10:00	<ul style="list-style-type: none"> ➤ Registration & Introductions ➤ Water Quality ➤ Multi-Barrier Approach ➤ Disinfection Principles 	<ul style="list-style-type: none"> ➤ Math ➤ Dosage Calculations ➤ Equipment Overview
10:00 - 10:15	Coffee Break	Coffee Break
10:15 - 11:30	<ul style="list-style-type: none"> ➤ Alternate Methods of Disinfection ➤ Why Chlorination ➤ Chemical/Physical Properties of Chlorine 	<ul style="list-style-type: none"> ➤ Changing Chlorine Cylinders ➤ Automatic Changeover ➤ Personal Protective Equipment
11:30 - 12:30	Lunch Break	Lunch Break
12:30 - 2:00	<ul style="list-style-type: none"> ➤ Chlorination Overview ➤ Gas Chlorinators ➤ Hypochlorination 	<ul style="list-style-type: none"> ➤ Equipment safety materials of const. ➤ Emergency Response to Chlorine Incidents
2:00 - 2:15	Coffee Break	Coffee Break
2:15 - 4:00	<ul style="list-style-type: none"> ➤ Chlorination Chemistry ➤ Dosage/ Demand/Residual ➤ Definitions/Terminology 	<ul style="list-style-type: none"> ➤ Preventative Maintenance ➤ Withdrawal Rates ➤ Metering & Control Systems

Provided: Workbook and all reference materials.

Please Bring: A good calculator, writing instrument of choice

REGISTRATION INFORMATION:

Registration can be made by faxing or mailing the registration form on the reverse of this page, or on-line at www.acwwa.ca. For further information, please contact ACWWA Section office at 902-434-6002.

COURSE FORMAT:

Every attempt is made to keep the course informal and an enjoyable day-long training experience. Registration starts at 8:00 am, and the instructor will start shortly after 8:30. Wrap-up time is usually around 3:30-4:00pm. Though all workshops are non-smoking, ample breaks are provided for coffee and discussion. Lunch is included.

COURSE LOCATION:

Charlottetown Inn and Conference Center
238 Grafton St.
Charlottetown, PE

Please print clearly and fax or mail to the address listed on the bottom of this form.

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Name: _____

Organization: _____

Mailing Address: _____

City, Province: _____ Postal Code: _____

Phone: _____ Email: _____

ACWWA Membership No: _____ WEF Membership No: _____

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 MembersCourse: \$475.00 + \$71.25 HST (15%) = \$546.25**Fee for Non – Members**Course: \$495.00 + \$74.25 HST (15%) = \$569.25

Fees include coffee breaks.

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