



Developer and Owner – WWOTC

Online Course – Instructor Led

**Ozone Technology for Water Treatment
November 23-24, 2021 (1:00 – 5:00 AST)**

Course Objective / Description

This one-day course was developed for the benefit of all staff that may work in a facility where ozone technology is applied. It is also valuable for those who wish to become familiar with this disinfection technology, the use of which is rapidly increasing in water treatment in Ontario. The course will cover all aspects of ozonation, starting with the reason ozone works well in many applications, the different ways the chemical can be produced or purchased and what ozone does to disinfect water. It will look at the practical aspects of how operators dose and measure the residual ozone concentrations. It will look at the pros and cons of ozonation, including how it is used to encourage Biologically Active Filtration (BAF), the disinfection by-product that are produced by other disinfectants compared to those produced by ozone, and finally the safe use of ozone.

These topics will be covered:

- Why ozone
- Ozone sources
- How does ozone work
- How is ozone measured
- Pros and cons of ozone
- Disinfection by-products
- Biologically Activated Filtration (BAF)
- Ozone Safety

Lesson	Description	Contact Hours
Lesson 1	Introduction and Overview	1.0
Lesson 2	Generation of Ozone	1.0
	Break	
Lesson 2	Generation of Ozone (cont'd)	0.5
Lesson 3	Application of Ozone	1.25
	Lunch	
Lesson 4	Application of Ozone (cont'd)	0.25
Lesson 5	Ozone System Operation	1.5
	Break	
Lesson 6	Safety and Handling	1.0

CEU: 0.7

Ozone Technology for Water Treatment

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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: $\$345.00 + \$51.75 \text{ HST (15\%)} = \396.75

Fee for Non – Members

Course: $\$370.00 + \$55.50 \text{ HST (15\%)} = \425.50

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