



## Flow Metering Technologies Online

**December 3-4, 2020 10:00 AM**

### **WORKSHOP DESCRIPTION:**

Knowing the flow inside of your system is super critical in analyzing what is happening with the water or waste water flow. With the need to measure flow for a multitude of reasons, there are differing technologies that can do what is needed. Understanding how the technologies work, and options for each, will help guide the user, engineer, or owner the best option for their need. This course goes over the main flow meter technologies, how they work, as well as hands-on training for each.

### **Day 1 – 90 minutes**

- **Flow technologies available in the market today**
- **Electromagnetic Flow Meter Technology**
  - Working principle
  - DC pulsed, AC pulsed, and Battery powered electromagnetic flow meters
  - When to apply which technology
  - Installation checks
  - Applications
- **Ultrasonic Level Measurement for “Channel” Flow Measurement**
  - a. Working principle
  - b. Flow metering system and components
  - c. Installation checks
  - d. Applications

### **Day 2 – 90 Minutes**

- **Quick Review from Day 1**
- **Ultrasonic Flow Meter Technology**
  - a. Working principle Transit time and Doppler
  - b. Flow metering system and components
  - c. Installation what to do and what not to do
  - d. Applications
- **Coriolis Flow Meter Technology**
  - e. Working principle
  - f. Flow metering system and components
  - g. Installation checks
  - h. Applications

**PRESENTER: Vijay Acharya**

Vijay is a qualified Process Control Engineer having more than 25 years of field experience. He is working with Siemens Process Instrumentation for more than 20 years and has experience in applying the instrumentation in various process industries.

From last 3 years he is working extensively with Siemens Flow Products for the applications in key process industries such as Oil & Gas, Chemical, Municipal and water utilities in Canada for resolving their application problems in the flow measurement. He has offered instrumentation solutions that resulted into costs savings, improving efficiency and safety of the plants. He is a member of PEO (Professional Engineers of Ontario) and ISA (International Society of Automation).

**CONTACT 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](http://www.acwwa.ca). For further information, please contact ACWWA Section office at 902-434-6002.

**Meter Metering Technologies      December 3-4, 2020 10:00AM**

Name: \_\_\_\_\_

Organization: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City, Province: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

ACWWA Membership #: \_\_\_\_\_ WEF Membership #: \_\_\_\_\_  
(If no membership number is listed, you will be invoiced as a non-member. See pricing below.)

Course: \$35.00 + \$5.25 HST (15%) = \$40.25

**Fee for Non – Members**

Course: \$40.00 + \$6.00 HST (15%) = \$46.00

**Payment can be made by visa, master card or cheque. Invoices will be sent to the address listed above.**

**Please send PO number if you want it included on the invoice.** \_\_\_\_\_

Card Holder's Name \_\_\_\_\_

Card Number \_\_\_\_\_ Expiry \_\_\_\_\_

Signature \_\_\_\_\_

Cheques should be made payable to  
**ACWWA**  
PO Box 28141 Dartmouth, NS B2W 6E2  
Phone 902-434-6002 Fax 902-435-7796