

Winter/Spring 2018 Training

Process Flow and Dynamics with Fluids, Hydraulics, and Pneumatics

Tuesday, February 27, 2018
Augusta Civic Center, Augusta, ME
8:30 a.m. - 3:30 p.m.
Sign-in begins at 8:00 a.m.



Water and wastewater treatment operations use process pumps, hydraulics and pneumatic systems. All three systems rely on pressure and flow. They also require the proper application, operation, and maintenance.

Issues with process flow through tubing or pipe can impact how the system works over time. Water and wastewater treatment facilities have complex operation processes which involve a wide range of measurement tasks. These applications demand flow meters that are accurate and reliable.

This one-day seminar reviews the principal characteristics of process pumps, hydraulics and pneumatics with an emphasis on flow, pressure, flow measurement, valves and piping. Topics to be covered include: How process pumps create pressure and flow in a system; basic hydraulics and how to extend life of these systems; thread identification in hydraulic systems; flow measurement applications; and pneumatic valves and tubing in wastewater applications.

Sponsored by Motion Industries

Instructors: Jay Bradford, Motion Industries
Bob Lynch, Motion Industries
Kevin MacDonald, Motion Industries
Aaron Easterley, Badger Meter
Tim Perry, SMC Pneumatics

Cost: \$120

Credits: 6 Training Contact Hours
Approved for Water and Wastewater Operators

Course #: J1818
Registration Deadline 2/20/18



Funding provided in part by the Maine Drinking Water Program

To register online with a credit card, go to www.jetcc.org/schedule.php

Registration Form

Course Title _____ Course # _____

Your Name _____

Company/Facility _____

Street _____

City/Town _____ State _____ Zip _____

Telephone _____ Fax _____

E-mail _____

WW Operator # _____ DW Operator # _____

Indicate method of payment

Amount Enclosed \$ _____

Check No. _____ or PO No. _____ or Credit Card _____
indicate Visa, MC or Discover

Credit Card # _____

3-digit code _____ Expiration _____ month/year
located on back of card

Name on Card _____

Signature Required _____ Date: _____

Mail Form and Payment to:

JETCC, 584 Main Street, South Portland, ME 04106

Or fax with a purchase order to: (207) 771-9028 or call (207) 253-8020

PLEASE NOTE: Enrollment is on a first-come, first-served basis, so please return your application as soon as possible. Due to limited classroom space and the popularity of certain subjects, we often reach capacity. We appreciate you taking time to notify us if you cannot attend a course for which you have registered. This makes a big difference to someone else who requires the training.

THANK YOU!

• **Checks/Money Orders:** Should be made payable to "JETCC Training."

• **Returned Check Policy:** There is a \$15.00 fee for checks returned due to insufficient funds.

• **Registration Deadline:** Please note registration deadline above. Registrations after this time will incur a \$15 late fee.

• **Cancellations/No Shows:** Seven days notice is required IN WRITING (mailed or faxed) for you to cancel at no cost. Cancellations received after this time will be charged \$25 for programs under \$100 and \$50 for programs over \$100. Registrants who do not cancel or who fail to show are responsible for full payment.

• **Credits:** Participants must attend ALL hours of training to be eligible for Training Contact Hours. TCHs are awarded upon completion of a course. The certificates are mailed to participants.

• **Use one form per course.** Photocopy this page to apply for multiple courses.