



REGISTRATION

Please indicate which seminars you would like to attend (choose all that apply):

MEASUREMENT ~ NO CHARGE!

- Tuesday, May 1, 2012 / 8 am - 5 pm

CONTROL VALVES ~ NO CHARGE!

- Wednesday, May 2, 2012 / 8 am - 5 pm

REGULATORS ~ NO CHARGE!

- Thursday, May 3, 2012 ~ 8 am - noon

OVER-PRESSURE MANAGEMENT SYSTEMS ~NO CHARGE!

- Thursday, May 3, 2012 ~ 1 pm - 4 pm

WAYS TO REGISTER

ONLINE

www.norpaccontrols.com/education.aspx

EMAIL

info@norpaccontrols.com

FAX

604.422.3788

Dear Customer,

If you are new to engineering or specifying instrumentation, then we invite you to join our Application Engineers, Technical Specialists and other NORPAC experts as we present a series of educational seminars focusing on theory, technology and application with respect to:

- Pressure, Temperature & Level Measurement
- Flow Measurement
- Liquid Analysis and Gas Analysis
- Control Valves, Actuators and Positioners
- Valve Automation
- Instrument Diagnostics
- Regulators

You are welcome to attend any combination of the three seminars offered at our NORPAC Controls office in Burnaby, BC.

All seminars are provided to you at NO CHARGE and include breakfast & lunch.*

**Please specify any dietary concerns when registering*

If you have any questions, please feel free to contact me via e-mail at:

info@norpaccontrols.com

Sincerely,

Ashley Kay
Education Coordinator
Direct Line: 604-422-3746

2012 Educational Seminars

There are three separate seminars being presented.
You are welcome to attend one, all, or any combination best suiting your needs.

Measurement

Tuesday, May 1, 2012 ~ 8 am - 5 pm

- Pressure measurement theory
- Pressure transmitter selection
- Flow fundamentals
- dP flow theory
- Velocity flowmeter technology & application
- Coriolis flowmeter theory & installation
- Flow best practices

- Level and temperature fundamentals & technology
- Liquid and gas analysis
- Instrumentation installation requirements
- Instrumentation specification
- Instrumentation diagnostics

Control Valves

Wednesday, May 2, 2012 ~ 8 am - 5 pm

- Fundamentals of control valve selection
- Globe valve and actuator design overview
- Rotary valve and actuator design overview
- Control valve positioners
- Instrumentation diagnostics

- Aero and hydrodynamic control valve noise
- Flashing and cavitation
- Liquid and gas sizing
- Fundamentals of automated on/off valves

Regulators

Thursday, May 3, 2012 ~ 8 am - noon

- Fundamentals of direct operated and pilot operated regulators
- Regulator application to various process media
- Regulator sizing and selection
- Methods of overpressure protection and the associated benefits

- Overview of available resources including Fisher Regulator CD and website
- Best practices and troubleshooting tips

Over-Pressure Management Systems

Thursday, May 3, 2012 ~ 1 pm - 4 pm

- Rupture Disks
- Steam and Hot Water Relief Valves
- Safety Relief Valves
- Tank Vents and Flame Arresters

For the latest course announcements visit our web site: www.norpaccontrols.com

