

The Leader in HVAC, Combustion and Process Automation Controls Since 1976

An Opportunity For You To Learn

From the leading HVAC & Combustion Controls Distributor in the Northeast, by the most qualified factory trained staff and with the most up to date information and technology.



At Industrial Controls we are committed to customer training. In fact, we are the only distributor in the Northeast with five local training centers. Each year we train over 400 maintenance, design and production engineers from industrial corporations, public sector organizations, and leading contractors.

We earn our reputation every day by being the leading supplier of HVAC, COMBUSTION and PROCESS AUTOMATION CONTROLS in the area. Industry experts are on staff to help you select a part or solve an application problem. Since we are an authorized distributor for all major HVAC manufacturers, major Combustion Controls manufacturers and the leading Process Automation suppliers, we have the answers to even the toughest questions.

Our trainers are our employees and factory authorized representatives who answer your questions and develop control solutions every day. Get to know them by coming to a training session, then use them as consultants on your next controls purchase.



"...every technician who attended your training returned with knowledge they could use on the job..."

"...your instructor had tremendous knowledge of the subject. I learned a great deal..."

For a Course Schedule or to register contact our Training Department

732-918-9000
ext 5211

training@icdmail.com

Visit our website for more information:

industrialcontrolsonline.com

Honeywell



Honeywell "Distributor of the Year" Repeat Winner

JOHNSON CONTROLS



Johnson Controls Eagle Award Winner 6 Years Running

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Your Source For Controls

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Fax: 845-620-9437

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475 Western Ave, Unit 4
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Fax: 207-621-4122

PNEUMATIC HVAC CONTROLS

Industrial Controls offers the most extensive training in the area on the operation and maintenance of Pneumatic HVAC control systems.

All control applications are featured, including theory and maintenance practices, as well as the equipment and devices from all major manufacturers. Students receive a pneumatic calibration kit which they use in the hands-on portion of the class, and then take for use on the job.

WHO SHOULD ATTEND?

HVAC **Operators** and **Supervisors** from Large Office Buildings, Plants, Warehouses, Schools, Hospitals and HVAC **Servicemen** and **Managers** from Mechanical Contractors and Controls Contractors.

WHAT YOU WILL LEARN

- Air Station Basics
- Actuator & Positioner Operation
- Valves & Dampers
- Thermostat Calibration
- Receiver/Controller Operation & Calibration
- System Operation & Maintenance
- System Maintenance
- Reading Pneumatic Drawings

Products covered in discussions and "Hands-On" include: Honeywell, Siebe/ Barber Colman, Robertshaw, Johnson Controls and Siemens/ Powers Controls.

Pneumatic HVAC Controls is a 3-Day Course that runs from 8:30 AM to 3:00 PM.

ELECTRONIC HVAC CONTROLS

Industrial Controls offers a wide ranging electronic HVAC controls course which provides an introduction to the sensors and control capabilities of the newer electronic controls on the market. Due to the diversity of these products available in the market today, this class does not get extensively involved with any one particular control, but provides a foundation from which to build.

WHO SHOULD ATTEND?

HVAC **Operators** and **Supervisors** from Large Office Buildings, Plants, Warehouses, Schools, Hospitals and HVAC **Servicemen** and **Managers** from Mechanical Contractors and Controls Contractors.

WHAT YOU WILL LEARN

- Electronic Fundamentals
- Control Basics
- Electronic Troubleshooting
- Input/Sensor Trade-Offs
- Output Signal Types
- DDC Programming & How Each Manufacturer Differs



Electronic HVAC Controls is a "Hands-On" 2-Day Course that runs from 8:30 AM to 3:00 PM. Each student is provided with a comprehensive manual and a volt meter.

VARIABLE AIR VOLUME CONTROLS

If you have a Variable Air Volume System this course is for you! Topics include system design, central air handler control and terminal box adjusting. All terminal box types will be covered (pneumatic, electronic and digital). Also, use of measuring instrumentation and making adjustments will be discussed.

WHO SHOULD ATTEND?

HVAC **Operators** and **Supervisors** from Large Office Buildings, Plants, Warehouses, Schools, Hospitals and HVAC **Servicemen** and **Managers** from Mechanical Contractors and Controls Contractors.

Manufacturers products included in discussions and "Hands-On" include Alnor, Dwyer, Kreuter and Invensys/ Barber Colman

WHAT YOU WILL LEARN

- Introduction to Control Types
- Variable Air Volume Basics
- Central Air Handling Unit
- Terminal Box Controls
- Set-Up & Calibration
- Auxiliary Cooling & Heating

Variable Air Volume Controls is a 1-Day course that runs from 8:30 AM to 3:00 PM. Each student is provided with a comprehensive manual.

COMBUSTION CONTROLS

For Combustion Controls, we bring the industry experts to you so that you get the latest information directly from the people who are setting standards and updating the equipment.

This course is devoted to combustion controls and factory experts will discuss safety codes, basic operating procedures, control theory, troubleshooting and new products on the market.

Safeguard Basics

- Safety Codes
- Flame Detectors
- Primary Controls
- Programming Controls
- Interlocks
- Valves & Valve Trains
- Firing Rate Controls

Fireeye products will be used for discussion and "hands on" during the class.

Combustion Controls is a 1-Day course that runs from 8:30AM to 3:00PM and each student will receive spec sheets and a comprehensive manual.



RM7800 BURNER CONTROLS



The RM7800 is the Honeywell standard for Burner Controls because it is a cost-effective control that provides increased safety, and enhanced diagnostics capability and can be easily installed as a replacement for older controls.

Topics include specifying, installing and start-up of the controllers, as well as configuring and troubleshooting in incinerator, single burner and multi-burner applications.

WHAT YOU WILL LEARN

- Flame Safety Concerns
- Applicable Codes & Requirements
- Flame Sensor Type
- Controller Functions
- Benefits of Microprocessor Controls
- Specifying & Installing the RM7800
- Application Examples
- RM7800 Diagnostics
- Multi-Burner Communications

The **RM7800 Burner Control** course is a 1-Day course that runs from 8:30AM to 3:00PM and includes a "Hands-On" portion with test boards.

Recording devices are not permitted during training sessions.