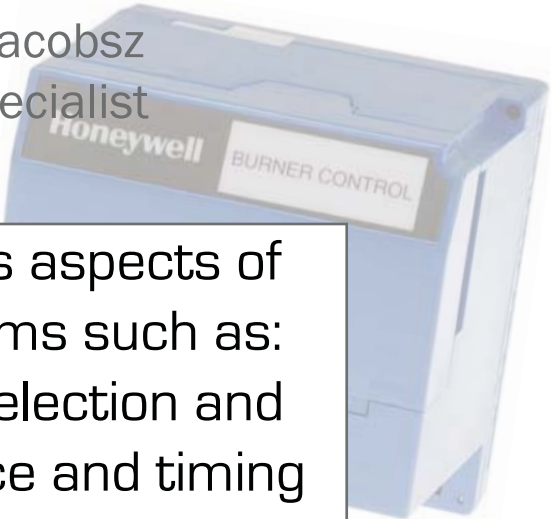


Wilson Mohr University

Burner Boiler and Flame Safeguard Controls

September 14 - 15, 2010

Presented by Roleof Jacobsz
Honeywell Training Specialist



Discussions include various aspects of burner boiler control systems such as: proper sequence control selection and application, various sequence and timing charts, safety issues, typical wiring, flame safeguard diagnostics and troubleshooting and control system checkout.



\$400/per person

Price includes hands on training boards, student workbook, continental breakfast and lunch.

Register Now

Brad Lavender at blavender@wilsonmohr.com

Tammy Davenport at tammy.davenport@wilsonmohr.com

Agenda

Lecture and Workshop

Day 1

8:00 - 10:00 am	Introduction to Flame Safeguard FSG Control System Simplified FSG Control Progression Typical FSG Control Applications Sequencing and Timing Charts
10:00 - 10:15 am	Morning Break
10:15 - 11:30 am	Review of Flame Detection Flame Rectification Infra Red Ultra Violet Standard vs Dynamic Check
11:30 - 12:00 pm	Review of Gas Valves and Valve Actuators Solenoid Gas Valves Diaphragm Gas Valves Motorized Gas Valves and Hydraulic Actuators Integrated Gas Valve Train (IVT)
12:00 - 1:00 pm	Lunch
1:00 - 2:00 pm	7800 Series Control System Overview
2:00 - 3:00 pm	First Generation 7800 Series Primaries RM7890's RM7895's RM7896's
3:00 - 3:15 pm	Afternoon Break
3:15 - 5:00 pm	Workshop - First Generation 7800 Series Primaries
5:00 pm	Adjourn

Agenda

Lecture and Workshop

Day 2

8:00 - 9:00 am

First Generation 7800 Series Programmers
RM7800's and RM7840's

9:00 - 10:00 am

Workshop - First Generation 7800 Series Programmers

10:00 - 10:15 am

Morning Break

10:15 - 11:15 am

Workshop - First Generation 7800 Series Programmers

11:15 - 12:00 pm

Burner/Boiler Control System Upgrades
Control System Survey
RA890 to RM7890 Upgrade
Control Selection (Class Participation)
Conversion Wiring Diagrams (Class Participation)

12:00 - 1:00 pm

Lunch

1:00 - 2:00 pm

Enhanced 7800 Series Controls - Overview
Introduction
Valve Proving System (VPS)
Keyboard Display Modules (KDM)

2:00 - 3:00 pm

Enhanced 7800 Series Primaries and Programmers
Primaries - RM7890's, RM7897's, RM7898's
Programmers - RM7800's and RM7840's

3:00 - 3:15 pm

Afternoon Break

3:15 - 5:00 pm

Workshop - Enhanced 7800 Series
RM7898 Wiring and Checkout
RM7898 Configuration

5:00 pm

Adjourn