**Regulator Fundamental One-Day Seminar**

October 2, 2024 | 9:00am – 4:00pm

Union Rural Electric | 15461 US Highway 36, Marysville, OH 43040

**Morning Session**

*Presented by: Dresser ROOTS*

1. Fundamentals of Regulator Design
	1. MAOPs
	2. Utilization Capacity
2. Regulator Operation
	1. Self Operated Regulators
	2. Constant Load Regulators
3. Regulator Sizing
	1. Flow Equations
	2. Capacity Tables
4. Regulator Limitations
	1. Maximum Allowable Pressure
	2. Maximum Allowable Differential
5. Hands-on demonstrations & training
	1. Model B42
	2. Model B34
	3. Model CL342

**Lunch Break: Provided by OGA**

**Afternoon Session**

*Presented by Master Controls*

1. Theory of Operation of Pilot Operated Regulators
	1. Overview of Mooney Flowgrid Regulator
	2. Operation of Pilot Regulators
2. Live Demonstration
	1. Assembly and Disassembly
	2. Troubleshooting
	3. Overview of Components
	4. Live Startup of Monitor/Control System Using Nitrogen