ENSURE TIME SPENT IN TRAINING IS TIME WELL SPENT

Emerson certified trainers understand your industry, and bring our deep product expertise into the classroom. With ready access to the collective Emerson knowledge and talent pool, your local trainer can provide a precise answer to your most complex questions.

Emerson certified trainers have the following qualifications:

**Experienced** with field expertise in each specific Rosemount product

**Educated** through rigorous technology coursework and certification processes

**Trained** certified on Rosemount products and trained in adult learning techniques
Course 2829: Interactive Plant Environment
Rosemount Pressure, Temperature, MultiVariable™ Flow Transmitters

Overview:
This four-day course combines lectures with bench-top labs and uses the interactive plant for scenario-based training. Target students are individuals responsible for the installation, configuration, calibration and maintenance of the Rosemount Pressure, Temperature, and MultiVariable™ Flow transmitters. Students shall apply classroom knowledge directly to the interactive plant scenario labs.

Topics:
- Identify transmitter parts and functionality
- Explain the principles of operation of the transmitters
- Configure, calibrate and test transmitters using the field communicator, AMS Device Manager, and Engineering Assistant software
- Configure the compensated flow parameters
- Properly install and troubleshoot pressure, temperatures and MultiVariable™ flow transmitters

Cost: $2,200

Courses are available in Charlotte, North Carolina and Minneapolis, Minnesota.

View Course Schedule Here >

Course 2868: Interactive Plant Environment
2468 Hydrastep Water & Steam

Overview:
This one and a half-day course combines classroom discussions, hand-on labs, and execution of work orders in the Interactive Plant Environment. Students will increase skills and knowledge through: installation, configuration, testing, troubleshooting, and maintenance of the Rosemount 2468 Hydrastep Monitoring system.

Topics:
- 2468 Hydrastep Overview/Principles of Operation
- Understand Major Components
- Water Columns
- Electrodes
- Remote Display
- Cables
- Explain the available outputs and basic specifications
- Understand the proper installation for the Water Columns
- Know how to wire the Electrodes to the Control Unit
- Configure switches on Input, Display, and Relay Board
- Remote Display Wiring

Prerequisites:
Some knowledge of boiler systems and instrumentation.

Cost: $1,050

Courses are available in Minneapolis, Minnesota.

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Students shall ensure proper PPE and safety measures while working on the plant.
**Course 2875: Interactive Plant Environment**
**Wireless Self Organizing Network**

**Overview:**
This three-day course combines classroom theory with hands-on labs. Learn by doing with the Interactive Plant Environment. This unique training setting provides a safe and realistic environment to elevate skills and knowledge through direct interaction with live wireless networks and devices. This course is designed for engineers and technicians whose responsibilities include: startup, configuration, troubleshooting, and host integration of wireless networks and devices.

**Topics:**
- Perform a wireless network planning walkthrough
- Know and operate wireless network planning tools
- Install a wireless network following wireless best practices
- Installation and configuration of wireless devices
- Installation and configuration of THUMs
- Troubleshoot Wireless networks, performance and connectivity
- Connect and prove proper MOBUS communications
- Connect and prove proper OPC communications

**Prerequisites:**
Some experience in Wireless Networks and Host integration would be helpful, but not required. Some basic instrument knowledge would be beneficial.

**Cost:** $1,900

Courses are available in Charlotte, North Carolina and Minneapolis, Minnesota.

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**Course 2896: Interactive Plant Environment**
**Rosemount Level Transmitters**

**Overview:**
This two-day course combines lectures with bench-top labs and uses the interactive plant for scenario based training. Students shall apply classroom knowledge directly to the interactive plant scenario labs.

**Topics:**
- Identify Transmitter Parts and Functionality
- Explain the Principles of Operation the Transmitters
- Configure, Calibrate/Verify and Test Radar Level Transmitters using the Field Communicator, Radar Master

**Software:**
- Understand How to Setup the Radars in Different Applications
- Properly Install and Troubleshoot the 5300 & 5400 Transmitters and their Applications

**Cost:** $1,500

Courses are available in Charlotte, North Carolina and Minneapolis, Minnesota.

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Students shall ensure proper PPE and safety measures while working on the plant.
Course 2898: Interactive Plant Environment
Rosemount Pressure & Temperature Transmitters

Overview:
This three-day course combines lectures with bench-top labs and uses the interactive plant for scenario based training. Target students are individuals responsible for the installation, configuration, calibration and maintenance of the Rosemount Pressure and Temperature transmitters. Students shall apply classroom knowledge directly to the interactive plant scenario labs.

Topics:
- Explain the Difference between HART & Analog Transmitters
- Identify Transmitter Parts and Functionality
- Explain the Principles of Operation of Pressure and Temperature Transmitters
- Configure, Calibrate and Test Pressure and Temperature Transmitters using the Field Communicator
- Properly Install and Troubleshoot Pressure and Temperature Transmitters.

Cost: $1,800

Courses are available in Charlotte, North Carolina and Minneapolis, Minnesota.

Course 5705: Interactive Plant Environment
Micro Motion Field Based Training Class

Overview:
This two-day course consists of a blend of lectures and hands-on exercises that cover the installation, configuration, calibration checks and troubleshooting of Micro Motion transmitters and peripherals. Course includes hands-on exercises within the Inter Active Plant Environment training facility. Customer exclusive classes can be customized to address specific transmitter and configuration tools specific to that customer. This course also includes an introduction to Micro Motion’s new 5700 transmitter.

Topics:
- Explain the principle of operation for how a Micro Motion Coriolis meter works and the function of the key components.
- Apply the installation best practices for orienting, mounting and wiring the sensor and transmitter.
- Configure the metering system to measure flow, density and temperature for their application.
- Apply a step by step process to perform basic troubleshooting of the most common meter and process issues.
- Experience hands on simulated plant environment with operating flow meters.

Cost: $1,450

Courses are available in Minneapolis, Minnesota.

Students shall ensure proper PPE and safety measures while working on the plant.
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Course 5715: Interactive Plant Environment
Rosemount 8700 Series Smart Magnetic Flowmeters

Overview:
This one-day course consists of a blend of lectures and hands-on exercises that cover the installation, configuration, calibration checks and troubleshooting of the Rosemount 8700 Series Magnetic Flowmeter Systems composed of the Model 8712 and 8732 Transmitters as well as the 8705 Flanged and 8711 Wafer Sensors. The students will learn the operation and capabilities of the Local Operator Interface, and how to use these tools to perform configuration. Common issues encountered and troubleshooting techniques will also be covered. This course includes hands-on exercises within the Inter Active Plant Environment training facility. Customer exclusive classes can be customized to address specific transmitter and configuration tools specific to that customer.

Prerequisites:
None required. However, a basic understanding of the fundamentals of flow measurement, electricity, analog & frequency signal processing are assumed.

Cost: $750

Courses are available in Minneapolis, Minnesota.

View Course Schedule Here >

Course 5716: Interactive Plant Environment
Rosemount 8800 Series Smart Vortex Flowmeters

Overview:
This one-day course consists of a blend of lectures and hands-on exercises that cover how to install, configure and maintain the Rosemount 8800 Series Smart Vortex flowmeter systems. Students will learn the operation and Local Operator Interface as well as how to use these tools to perform configuration. Common issues encountered and troubleshooting techniques will also be covered. This course includes hands-on exercises within the Inter Active Plant Environment training facility. Customer exclusive classes can be customized to address specific transmitter and configuration tools specific to that customer.

Prerequisites:
None required. However, a basic understanding of the fundamentals of flow measurement, electricity, analog & frequency signal processing are assumed.

Cost: $750

Courses are available in Minneapolis, Minnesota.

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Registration Information

To register online: Click here, MyCONNECT or go to www.Emerson.com/MyCONNECT
To register by phone: Call Emerson Educational Services at 1-800-338-8158
For additional questions or a list of courses, please visit www.Emerson.com/Education

Purchase order or credit card required for enrollment.

Credit cards preferred: Most major credit cards accepted.

Purchase orders must be made out to:
Emerson Automation Solutions LLLP
C/o Educational Services
1100 West Louis Henna Blvd. - Bldg 1
Round Rock, TX 78681-7430
Payment Terms: Net 30 days
Please Include on PO: Student’s Name, Course Number
Emerson’s Payment Terms (Net 30 Days), and Course Tuition Price

Please email all purchase orders to Education@Emerson.com

Please Note: To complete the registration process, attendees must register through MyCONNECT or call the registration center (800-338-8158). Only receipt of purchase order guarantees a seat.

Cancellations

You may cancel your reservations up to 14 calendar days prior to the start of the course without incurring a cancellation fee. 50 percent of the full tuition will be charged for cancellations received during the 14 days prior to the start of the course, and full tuition will be charged for failure to attend without cancelling. Substitutions are accepted until the first day of class. Scheduled courses may be cancelled due to low enrollment.