



Training to Fit Your Needs

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.

We invite you to attend one of our Rosemount™ Product Training Courses. These courses use lecture and hands-on workshops to teach students to properly mount, install, configure, calibrate, troubleshoot, and maintain a variety of products.



Resources



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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 RTG110: Rosemount Tank Gauging Level 1 Training

Overview:

This 3-day course is designed for personnel responsible for the installation, configuration, verification and maintenance of the PRO/5600, REX/3900 and Rosemount Tank Gauging System (5900 Series) including Emerson Wireless solutions. The training covers installation, configuration, and troubleshooting of our products via TankMaster™ WinSetup software application.

Students who complete this course will be able to:

- Correctly perform installation and setup procedures
- Understand how to use TankMaster™ WinSetup
- Know how to perform basic troubleshooting

Topics:

- Rosemount TankMaster™
- Rosemount 2460 System Hub
- Rosemount 2160 Field Communication Unit
- Rosemount PRO/5600 Radar Level Gauge
- Rosemount REX/3900 Radar Level Gauge
- Rosemount 5900 Radar Level Gauge
- Rosemount 2410 Tank Hub
- Rosemount 2230 Graphical Field Display
- Rosemount 2240 Multi-Temperature Transmitter
- Rosemount 644 Temperature Transmitter
- Electrical and Mechanical Installation
- Device Management
- LPG/LNG installations
- 2410 Multi-Tank Installations
- Field Communications – Tankbus (FF)
- Field Communications – Modbus
- Commissioning
- Level Verification and Calibration
- Troubleshooting

Prerequisites:

This is start-from-scratch course that is suitable for both commissioning and maintenance personnel as well as project and engineering personnel involved with tank gauging systems. No previous knowledge about the Rosemount Tank Gauging Systems is required, but it is recommended to have some general knowledge about instrumentation and computers.

Course sessions:

- December 3-5, 2019, Houston TX
- February 4-6, 2020, Houston TX
- March 24-26, 2020, Odessa TX
- May 5-7, 2020, Charlotte NC
- June 16-18, 2020, Houston TX
- July 21-23, 2020, Shakopee MN
- September 15-17, 2020, Boulder CO
- October 13-15, 2020, Houston TX

Course fee: \$2,550 per person

Classes run 8am to 5pm daily



Course RTG210: Rosemount Tank Gauging 5900 Series Level 1/2/3 Training

Overview:

This 3-day combination course is designed for personnel responsible for the installation, configuration, verification and maintenance of the Rosemount Tank Gauging System. The training covers all aspects of the 5900 series gauging system with installation, configuration, and troubleshooting of our products via TankMaster™ WinSetup software application.

Students who complete this course will be able to:

- Correctly perform installation and setup procedures
- Understand how to use TankMaster™ WinSetup
- Know how to perform basic troubleshooting

Topics:

- Rosemount TankMaster™
- Rosemount 2460 System Hub
- Rosemount 5900 Radar Level Gauge
- Rosemount 2410 Tank Hub
- Rosemount 2230 Graphical Field Display
- Rosemount 2240 Multi-Temperature Transmitter
- Rosemount 644 Temperature Transmitter
- Rosemount 1410/1420 Wireless Gateways
- Rosemount THUM 775 Wireless Adapter
- Electrical and Mechanical Installation
- Device Management
- LPG/LNG Installations
- 2410 Multi-Tank Installations
- Field Communications – Tankbus (FF)
- Field Communications – Modbus
- Field Communications – Wireless Hart
- Commissioning
- Level Verification and Calibration
- Troubleshooting

Prerequisites:

This is start-from-scratch course that is suitable for both commissioning and maintenance personnel as well as project and engineering personnel involved with tank gauging systems. No previous knowledge about the Rosemount Tank Gauging Systems is required, but it is recommended to have some general knowledge about instrumentation and computers.

Course sessions:

- April 14-16, 2020, Houston TX
- August 11-13, 2020, Houston TX
- December 8-10, 2020, Houston TX

Course fee: \$2,300 per person

Classes run 8am to 5pm daily



Course RTG111: Rosemount Tank Gauging 5900 Series Level 1 Training

Overview:

This 1-day course is designed for personnel responsible for the installation, configuration, verification and maintenance of the Rosemount Tank Gauging System. This Level 1 training covers main tank side product installations and basic configuration via TankMaster™ WinSetup software application.

Students who complete this course will be able to:

- Correctly perform installation and setup procedures
- Understand how to use TankMaster™ WinSetup

Topics:

- Rosemount TankMaster™
- Rosemount 5900 Radar Level Gauge
- Rosemount 2410 Tank Hub
- Rosemount 2230 Graphical Field Display
- Rosemount 2240 Multi-Temperature Transmitter
- Electrical and Mechanical Installation
- Field Communications – Tankbus (FF)
- Commissioning
- Level Verification and Calibration

Prerequisites:

This is start-from-scratch course that is suitable for both commissioning and maintenance personnel as well as project and engineering personnel involved with tank gauging systems. No previous knowledge about the Rosemount Tank Gauging Systems is required, but it is recommended to have some general knowledge about instrumentation and computers. This course also serves as a great refresher for personnel that have previously attended the RTG110 or RTG101 courses.

Course sessions:

- April 14, 2020, Houston TX
- August 11, 2020, Houston TX
- December 8, 2020, Houston TX

Course fee: \$850 per person

Classes run 8am to 5pm



Course RTG211: Rosemount Tank Gauging 5900 Series Level 2 Training

Overview:

This 1-day course is designed for personnel responsible for the installation, configuration, verification and maintenance of the Rosemount Tank Gauging System. This Level 2 training covers advanced installation and configuration as well as troubleshooting of our products via TankMaster™ WinSetup software application.

Students who complete this course will be able to:

- Correctly perform installation and setup procedures
- Understand how to use TankMaster™ WinSetup
- Know how to perform basic troubleshooting

Topics:

- Rosemount TankMaster™
- Rosemount 5900 Radar Level Gauge
 - 2-in-1 Dual Radar Head
 - Advanced Tankscan/Echo Curve
 - Advanced Diagnostics
- Rosemount 2410 Tank Hub
 - Density Calculations
 - Analog Output
 - Relay Output
 - Advanced Diagnostics
- Rosemount 644 Temperature Transmitter
- Device Management
 - Backups
 - Replacements
- LPG/LNG Installations
- 2410 Multi-Tank Installations
- Overfill Prevention Systems
- Troubleshooting

Prerequisites:

This course requires students to have completed the RTG111 5900 Series Level 1 course. RTG111 and RTG211 courses can be completed in same week as a combination course. Separate signup will be required for each of the two courses. Students that have previously attended the RTG110 or RTG101 courses also eligible to sign up for this course.

Course sessions:

- April 15, 2020, Houston TX
- August 12, 2020, Houston TX
- December 9, 2020, Houston TX

Course fee: \$850 per person

Classes run 8am to 5pm



Course RTG311: Rosemount Tank Gauging 5900 Series Level 3 Training

Overview:

This 1-day course is designed for personnel responsible for the installation, configuration, verification and maintenance of the Rosemount Tank Gauging System. This Level 3 training covers installation, configuration, and troubleshooting of our products via TankMaster™ WinSetup software application.

Students who complete this course will be able to:

- Correctly perform installation and setup procedures
- Understand how to use TankMaster™ WinSetup
- Know how to perform basic troubleshooting

Topics:

- Rosemount TankMaster™
- Rosemount 2460 System Hub
- Rosemount 1410/1420 Wireless Gateways
- Rosemount THUM 775 Wireless Adapter
- Electrical and Mechanical Installation
- Field Communications – Modbus
- Field Communications – Wireless Hart
- 2460 Inventory Systems
- Commissioning
- Troubleshooting

Prerequisites:

This course requires students to have completed the RTG111 and RTG211 5900 Series Level 1 and 2 courses. RTG111, RTG211 and RTG311 courses can be completed in same week as a combination course. Sign up for the RTG210 course to get the combo discount for the three courses. Students that have previously attended the RTG110 or RTG101 courses also eligible to sign up for this course.

Course sessions:

- April 16, 2020, Houston TX
- August 13, 2020, Houston TX
- December 10, 2020, Houston TX

Course fee: \$850 per person

Classes run 8am to 5pm



Course RTG310: Rosemount TankMaster Level 1/2/3 Training

Overview:

This 3-day course is designed for personnel responsible for installation, configuration, operation and maintenance of the Rosemount TankMaster™ systems covering the complete TankMaster™ software platform. The training covers installation, configuration, and troubleshooting of the TankMaster™ inventory management system including WinOPI operator functions and batch handling, networking and applications as well as emulation and generic configuration.

Students who complete this course will be able to:

- Configure the TankMaster™ inventory system
- Manage the TankMaster™ WinOPI program
- **Manage TankMaster™ server/client systems**
- Operate the TankMaster™ batch utility
- Perform basic troubleshooting

Topics:

- Rosemount TankMaster™
- Rosemount TankMaster.Net™
- Server and client installation
- Tank inventory configuration
- Report system
- Historian
- User management
- Host communications
- OPC and Modbus
- Emulation systems via 2460/2410
- Batch handling
- Backups
- Troubleshooting

Prerequisites:

This is start-from-scratch course that is suitable for both commissioning and maintenance personnel as well as project and engineering personnel involved with tank gauging systems. No previous knowledge about the Rosemount Tank Gauging Systems is required, but it is recommended to have some general knowledge about instrumentation and computers. This course also serves as a great refresher for personnel that have previously attended the RTG102 course.

Course sessions:

- August 18-20, 2020, Houston TX

Course fee: \$2,300 per person

Classes run 8am to 5pm daily



Course RTG120: Rosemount TankMaster Level 1 Training – Inventory Management

Overview:

This 1-day course is designed for personnel responsible for installation, configuration, operation and maintenance of the Rosemount TankMaster™ systems focusing on inventory management and operational features. The training covers installation, configuration, and troubleshooting of the TankMaster™ inventory management system including WinOPI operator functions and batch handling.

Students who complete this course will be able to:

- Configure the TankMaster™ inventory system
- Manage the TankMaster™ WinOPI program
- Operate the TankMaster™ batch utility
- Perform basic troubleshooting

Topics:

- Rosemount TankMaster™
- Server software installation
- Tank inventory configuration
- Report system
- Historian
- User management
- Host communications
- Batch handling
- Backups
- Troubleshooting

Prerequisites:

This is start-from-scratch course that is suitable for both commissioning and maintenance personnel as well as project and engineering personnel involved with tank gauging systems. No previous knowledge about the Rosemount Tank Gauging Systems is required, but it is recommended to have some general knowledge about instrumentation and computers. This course also serves as a great refresher for personnel that have previously attended the RTG102 course.

Course sessions:

- February 10, 2020, Houston TX
- April 21, 2020, Houston TX
- June 23, 2020, Houston TX
- August 18, 2020, Houston TX
- October 20, 2020, Houston TX
- December 15, 2020, Houston TX

Course fee: \$850 per person

Classes run 8am to 5pm



Course RTG220: Rosemount TankMaster Level 2 Training – Networks and Applications

Overview:

This 1-day course is designed for personnel responsible for installation, configuration, operation and maintenance of the Rosemount TankMaster™ systems focusing on server/client/web and networking functions. The training covers installation, configuration, and troubleshooting of the TankMaster™ server, clients and webserver systems.

Students who complete this course will be able to:

- Configure TankMaster™ redundant servers
- Manage the TankMaster™ server/client system
- Configure the TankMaster.Net™ application
- Perform basic troubleshooting

Topics:

- Rosemount TankMaster™
- Rosemount TankMaster.Net™
- Redundant server installation
- Client installation
- OPC ethernet communication
- Windows Firewall and DCOM configurations
- Troubleshooting

Prerequisites:

Participants must have previously attended the RTG120 course. RTG120 and RTG220 courses can be completed in same week as a combination course. Separate signup will be required for each of the two courses. Students that have previously attended the RTG102 courses also eligible to sign up for this course.

Course sessions:

- February 11, 2020, Houston TX
- August 19, 2020, Houston TX

Course fee: \$850 per person

Classes run 8am to 5pm



Course RTG320: Rosemount TankMaster Level 3 Training – Emulation and Generic Configuration

Overview:

This 1-day course is designed for personnel responsible for installation, configuration, operation and maintenance of the Rosemount TankMaster™ systems focusing on 3rd party interface features. The training covers installation, configuration, and troubleshooting of the TankMaster™ server system.

Students who complete this course will be able to:

- Configure TankMaster™ emulation devices
- Manage 3rd party host communications
- Configure generic devices in TankMaster™
- Perform basic troubleshooting

Topics:

- Rosemount TankMaster™
- Emulation via Rosemount 2460
- Emulation via Rosemount 2410
- Generic Modbus Devices
- Generic OPC Devices
- OPC Ethernet Communication
- Modbus Slave Communication
- Troubleshooting

Prerequisites:

Participants must have previously attended the RTG120 course. RTG120 and RTG320 courses can be completed in same week as a combination course. Separate signup will be required for each of the two courses. Students that have previously attended the RTG102 courses also eligible to sign up for this course. RTG120, RTG220 and RTG320 courses can be completed in same week as a combination course. Sign up for the RTG310 course to get the combo discount for the three courses.

Course sessions:

- August 20, 2020, Houston TX

Course fee: \$850 per person

Classes run 8am to 5pm



Course RTG130: Rosemount Tank Gauging REX & PRO Training

Overview:

This 1-day course is designed for personnel responsible for the installation, configuration, verification and maintenance of the Rosemount Tank Gauging System. This Level 1 training covers main tank side product installations and basic configuration via TankMaster™ WinSetup software application.

Students who complete this course will be able to:

- Correctly perform installation and setup procedures
- Understand how to use TankMaster™ WinSetup

Topics:

- Rosemount TankMaster™
- Rosemount REX 3900 Radar Level Gauge
- Rosemount PRO/5600 Radar Level Gauge
- Rosemount FCU2160 Field Communication Unit
- Electrical and Mechanical Installation
- Field Communications – Modbus
- Commissioning
- Level Verification and Calibration
- Basic Troubleshooting

Prerequisites:

This is start-from-scratch course that is suitable for both commissioning and maintenance personnel as well as project and engineering personnel involved with tank gauging systems. No previous knowledge about the Rosemount Tank Gauging Systems is required, but it is recommended to have some general knowledge about instrumentation and computers. This course also serves as a great refresher for personnel that have previously attended the RTG110 or RTG101 courses.

Course sessions:

- December 3, 2020, Houston TX
- February 4, 2020, Houston TX
- July 16, 2020, Houston TX
- October 13, 2020, Houston TX

Course fee: \$850 per person

Classes run 8am to 5pm



Course RTG140: Rosemount Tank Gauging 5408 Series Level 1 Training

Overview:

This 1-day course is designed for personnel responsible for the installation, configuration, verification and maintenance of the Rosemount 5408 Tank Gauging System. This Level 1 training covers installation and configuration as well as troubleshooting of our products via TankMaster™ WinSetup software application.

Students who complete this course will be able to:

- Correctly perform installation and setup procedures
- Understand how to use TankMaster™ WinSetup
- Know how to perform basic troubleshooting

Topics:

- Rosemount TankMaster™
- Rosemount 5408 Radar Level Gauge
 - Installation and Configuration
 - Advanced Tankscan/Echo Curve
 - Advanced Diagnostics
- Rosemount 644 Temperature Transmitter
- Device Management
 - Backups
 - Replacements
- 2410 Multi-Tank Installations
- Overfill systems
- Rosemount Instrument Inspector
 - 5408 4-20mA / Hart Configuration
- Troubleshooting

Prerequisites:

This course requires students to have completed the RTG111 5900 Series Level 1 course. RTG111 and RTG140 courses can be completed in same week as a combination course. Separate signup will be required for each of the two courses. Students that have previously attended the RTG110 or RTG101 courses also eligible to sign up for this course.

Course sessions:

- February 7, 2020, Houston TX
- March 27, 2020, Odessa TX
- April 17, 2020, Houston TX
- June 19, 2020, Houston TX
- August 14, 2020, Houston TX
- October 16, 2020, Houston TX
- December 11, 2020, Houston TX

Course fee: \$850 per person

Classes run 8am to 5pm



Course RTG150: Rosemount Tank Gauging 2460 System Hub Level 1 Training

Overview:

This 1-day course is designed for personnel responsible for the installation, configuration, verification and maintenance of the Rosemount Tank Gauging System. The training covers the 2460 System Hub from an installation, configuration, and troubleshooting aspect via TankMaster™ WinSetup software application.

Students who complete this course will be able to:

- Correctly perform installation and setup procedures
- Understand how to use TankMaster™ WinSetup
- Know how to perform basic troubleshooting

Topics:

- Rosemount TankMaster™
- Rosemount 2460 System Hub
 - Installation
 - Interfacing of Rosemount Gauging Systems
 - Interfacing of legacy systems REX and PRO
 - Interfacing of 3rd party gauging systems
 - API Inventory configuration
 - Host communications
 - Redundancy
- Device Management
 - Backups
 - Replacements
- Upgrades from legacy FCU 2160
- Field Communications – Modbus
- Commissioning
- Troubleshooting

Prerequisites:

This is start-from-scratch course that is suitable for both commissioning and maintenance personnel as well as project and engineering personnel involved with tank gauging systems. It is recommended that participants have general knowledge about the Rosemount Tank Gauging System as well as general knowledge about instrumentation and computers.

Course sessions:

- April 22, 2020, Houston TX
- June 24, 2020, Houston TX
- October 21, 2020, Houston TX
- December 16, 2020, Houston TX

Course fee: \$850 per person

Classes run 8am to 5pm



Course RTG160: Rosemount Wireless Tank Gauging Level 1 Training

Overview:

This 1-day course is designed for personnel responsible for the installation, configuration, verification and maintenance of the Rosemount Tank Gauging System. The training covers all aspects of the wireless tank gauging system with installation, configuration, and troubleshooting of our products via TankMaster™ WinSetup and AMS software applications.

Students who complete this course will be able to:

- Correctly perform installation and setup procedures
- Understand how to use TankMaster™ WinSetup
- Understand how to use AMS
- Know how to perform basic troubleshooting

Topics:

- Rosemount TankMaster™
- Emerson AMS Wireless Configurator
- Emerson AMS Snap-On Utility
- Rosemount 1410/1420 Wireless Gateways
 - Installation and configuration
 - Host communications
 - Redundancy
- Rosemount 781 Field Link
- Rosemount THUM 775 Wireless Adapter
 - Interfacing of Rosemount Gauging Systems
 - Interfacing of legacy systems REX/PRO
- Rosemount 702 Wireless Adapter
- Device Management
 - Backups
 - Replacements
- Field Communications – Wireless Hart
- Commissioning
- Troubleshooting

Prerequisites:

This is start-from-scratch course that is suitable for both commissioning and maintenance personnel as well as project and engineering personnel involved with tank gauging systems. It is recommended that participants have general knowledge about the Rosemount Tank Gauging System as well as general knowledge about instrumentation and computers.

Course sessions:

- April 23, 2020, Houston TX
- June 25, 2020, Houston TX
- October 22, 2020, Houston TX
- December 17, 2020, Houston TX

Course fee: \$850 per person

Classes run 8am to 5pm



Rosemount Tank Gauging Training Program

Contact:

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320 East I-20 Suite B, Odessa TX 79766

Emerson Automation Solutions
6021 Innovation Blvd, Shakopee MN 55379

Emerson Automation Solutions
7070 Winchester Circle, Boulder CO 80301

Emerson Automation Solutions
6135 Lakeview Rd, Charlotte NC 28269

Prices, dates, times and locations are subject to change without notice. Please verify online during registration process or ask for current edition of course flyer. Current flyer can be requested from: Training.RTG.Hou@Emerson.com



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 Process Management LLLP

c/o Educational Services

1100 West Louis Henne 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.

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