



RTU & APPLICATIONS HANDS-ON TRAINING Course 3001- Production Manager Edge™ Series I

Optimize Well Performance and
Operate with Confidence

Produced Fluids Management and Well Testing, Course 3001

This ROC training course focuses on managing produced fluids including fiscal and allocation measurement best practices. Instruction is given on how to utilize the Tank Manager and Local Display Manager applications to implement an API 18.2 compliant sales process or confidently track water disposal activities. Also covered are better inventory and logistics management which improve revenue while reducing losses from poor measurement or production downtime. Well testing automation techniques for automated testing as well as report validation and integration into SCADA are discussed in conjunction with the Well Test Manager application for Oil or Gas production.

Overview This 3-day training course will provide a combination of lecture and hands-on configuration activities related to the management of produced liquids from the separator through fiscal custody transfer. Some of the configuration activities will include: allocation measurement tracking, inventory management, LACT and API 12.1 & 18.2 level-based fiscal transfer methods (via truck and pipeline) and production accounting data reporting.

It provides fundamental skills necessary to implement ProductionManager EDGE applications:

- Tank Manager - automating the measurement, movement, and storage of produced fluids including: allocation, custody transfer, inventory, and volume balance.
- Well Test Manager - managing well testing processes including automated test reporting, rejection/approval of test results and scheduling
- Advanced control applications using Surface Controls Manager and Calculation Blocks
- Local Display Manager (HMI Solution with ticket printer options)

This course has workshops that provide maximum hands-on time with ROC 809 flow computers and ROCLink 800 software

Prerequisite Course 1000 or personnel with prior experience working with the ROC RTU and ROCLink software in the operation and maintenance of associated measurement and control equipment.

Topics

- Tank Manager
 - Review of Units
 - Haul Log Reset
 - Tanks: Single/Equalized/Aggregates; Configuration; Hauling and Production Options; Tank Strapping & Tank Alarms
 - Well Allocation: Calculation Methods; Liquid Meter Configuration & Tanks/Aggregates
 - Load Outs: Hauler Database; Measurement Configuration; LACT Configuration; Hauling Screens Configuration & Operation
 - Haul Log Viewer: ROC Log Viewer Tool
- Well Test Manager
 - Individual Meters; - Total Sales Meter and Virtual Well Meters; - Liquid or Oil Meters; - Automated Valves; - Manual Valves;
 - Abort or Stop Commands; - Test Report; - Volumetric or Mass Measurement
- Surface Controls Manager
 - Logic; - Bypasses; - Chaining; - Alarms; - Utilities; - Calculation Blocks
- Local Display Manager (HMI Solution with ticket printer options)
 - User Lists; - Menus; - Buttons

Price \$1595 USDL per student **Locations / 2020 Course Dates** Lewisville, TX : 6/9 | Odessa, TX: 7/21

Course Locations: Vinson Process Controls Company, LP [Lewisville, TX](#) [Odessa, TX](#)

Course Times/Meals: 3 Days - Starting Tuesday at 8:00 am through 4:00 pm on Thursday. Lunch will be provided each day.

To Enroll or for More Information Contact: Vinson Process Controls at 972-459-8200 or RASTraining@vinsonprocess.com

ROC 809 Flow Computers will be used in the training furnished by Vinson Process Controls. Upgrades to ROCLINK800 will be available to licensed users if required. Laptop and LOI cable to be furnished by each student. <https://www.vinsonprocess.com/training/>

Registration Deadline/Payment Information: 2 weeks prior to course start date. Purchase order/payment is required at time of enrollment, credit cards accepted.

Cancellations: You may cancel your reservation up to 14 days prior to the start of the course without incurring a cancellation charge. Limited enrollment makes it necessary to charge 50% of the full tuition for cancellations received during the 14 days prior to start of the course and full tuition for failure to attend without cancelling. Substitutions are accepted until the first day of class. Vinson Process Controls Company, LP reserves the right to cancel or reschedule courses due to insufficient students with a full refund to registered students. Any necessary cancellations will be announced a minimum of 72 hours prior to the start of class.