



RTU & APPLICATIONS HANDS-ON TRAINING

Course 3002- Production Manager Edge™ Series II

Optimize Well Performance and Operate with Confidence

Well Optimization and Control, Course 3002

This ROC training course teaches engineers, technicians and operators how to leverage the Well Optimization Manager application to improve production while reducing operating expenses. The course covers artificial lift methods for plunger and gas lift including theory of operation and techniques available for Oil or Gas production. It also covers how to reduce chemical injection costs while realizing better operational results.

Overview This 3-day training course will provide a combination of lecture and hands-on configuration activities related to production well operations, such as choke control, artificial lift techniques and chemical injection. It will provide the fundamental skills necessary to implement ProductionManager EDGE applications:

- Well Optimization Manager - artificial lift methods, primarily focused on plunger lift, gas lift, and combined methods
 - Chemical Manager - application of advanced setpoint techniques and/or inhibit logic for optimized chemical injection
 - 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

- Well Optimization Manager
 - Review of Units
 - Configuration and Operation: Intermitters; Plungers; Gas Lift-Gas Lift Deliquification; Gas Lift for Liquids Production; Gas Assist Plunger Lift (GAPL) & Options
 - Gas Lift: Optimization Method & Plunger Assist (PAGL)
 - PAGL
 - Cycle Logs: ROC Log Viewer Tool
- Chemical Manager
 - Program Size Selection
 - Chemical Configuration: Chemical Tanks; Injection Control; Target Type & Pumps
 - Injection Point Configuration: Pumps; Logical Inhibits & Setpoint Configuration
- 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:** Odessa, TX: 4/21 | Oklahoma City, OK: 9/8

Course Locations:

Vinson Process Controls Company, LP [Oklahoma City, OK](#) [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.