RMC-100 (Z910)

Learning objectives
Upon completion of this course, the participants will be able to:
• Use PCCU 32 Software for Measurement tube setup, adding and properly setting up the ABB Plunger Application, calibration of the Analog Inputs (AI) and Outputs (AO), configuring the different TFIO modules and the PID application
• Set up various methods of local communication
• Manage configuration files using Update Cold Start and the 32-Bit Loader
• Set up data trending, modify unit display, and set up complex operations

Course type and methods
This is an instructor-led course with interactive classroom discussions, presentations, and practical exercises. At least 50% of this course is hands-on operation and lab activities.

Course description
This course will instruct the student to setup and use the RMC-100. The RMC-100 is used in the XCore product line. This product has extra horsepower and features to allow full well pad automation. This course will cover some of the advanced apps and operations.

Topics
• RMC set up and operations
• PCCU software setup
• Flow and pressure products, such as the Coriolis and 266
• Update Cold Start
• 32-Bit Loader
• Trending
• TFIO Modules
• PID Control
• Unit display
• Remote and local communications
• Modbus® communications
• Operations
• Plunger Lift
• Alarm System
• Safety Shutdown System
• Adding other flow products for measurement such as Coriolis
• Troubleshooting

Duration
The duration is 3 days – 8:30 a.m. to 4:30 p.m. each day. Doors open at 8:00 a.m. local time. Laptops will be provided.

Prerequisites
Proficient computer skills are necessary, as is a general knowledge of natural gas measurement. If that general knowledge is needed, the Z900 XSeries Level One class is recommended.