ABB MEASUREMENT & ANALYTICS | COURSE DESCRIPTION

NGC8200/PGC1000 Level One - Virtual Training (Z922)

Learning objectives
• Hardware installation
• Install and leak check sample tubing
• Identify hardware components
• Set up PCCU32 software
• Use PCCU32 software for start up, maintenance, and calibration
• Chromatography: Basic Chromatography in the NGC/PGC1000
• Perform historical collection
• Analyzer software - loading and backup

Course description
This remote course will instruct the student in the basics of installation and operation of the NGC8200/PGC1000 gas chromatograph.

Topics
• Equipment installation and setup
• Analysis set up and peak find
• Collecting and saving data
• Flash using the 32-Bit Loader
• Reporting
• Calibration
• Validation
• Ethernet connectivity
• Local communication

Duration
The duration is 2 days – 8:30 am to 4:30 pm (CDT) each day.

Prerequisites
• Students attending this course should have basic knowledge of gas analysis and proficient computer skills.
• Students shall provide a computer with a high-speed internet connection and webcam.
• Latest version of PCCU must be installed prior to class. A link to download the PCCU software will be provided prior to class, along with information on the remote connection method. Full admin rights are required to install PCCU.
• A headset with mic is recommended.

Course type and methods
This is an instructor-led virtual course with interactive online discussions, presentations, and practical exercises on fully functioning equipment, remotely accessed. At least 50% of this course is hands-on software operation and lab activities.