



CENTURION BASIC OPERATIONS COURSE

Online Training Course

Course ID: SP133-SP136

ITW EAE Learning

Our eLearning courses are specifically designed to provide engaging and interactive learning opportunities for operators, technicians, engineers and/or managers to be introduced to or build upon the knowledge and skills needed to successfully operate, maintain, program, or troubleshoot their Vitronics Centurion equipment. Online courses are designed to cover beginning and intermediate competencies and should be mastered before considering more advanced, in person training. Courses require a reliable internet connection and can be viewed at your own pace on your phone, tablet, or pc laptop.

Course Overview:

This course is designed to provide the basic knowledge that all new or newer Centurion oven operators should have to be successful in their roles. The modules focus on the best practices involved with the production process, including start up and shut down, understanding the production screen, setting up and changing over the machine, and an introduction to recipes. The final module focuses on becoming familiar with the Centurion alarm system and how to respond to critical alarms that may occur during production.

Prerequisites:

- Centurion Safety Information & Guidelines (SP131)
- Centurion Machine Overview (SP132)

A basic understanding of reflow soldering and the VS Centurion oven is recommended to better understand how to operate the machine.

Time Requirements: 2.5-3 hours **Assessments:** Quizzes **Language:** English

For more information and pricing, please contact ITW EAE at training@itweae.com.

Learning Objectives:

Module 1: Start Up and Shut Down



- Verify the system facilities
- Power the system on and off
- Navigate the start up and shut down software functions
- Respond to common start up alarms

Module 2: Production Screen Overview



- Explain the production screen functions
- Monitor the machine parameters
- Monitor the production boards
- Monitor the various alarms and events
- Recognize the indicators for a production ready oven

Module 3: Set Up & Changeover



- Load a machine recipe
- Start and stop the production mode
- Change to another machine recipe
- Sustain the production
- Respond to possible warnings and alarms

Module 4: Basic Alarm Overview



- Understand the main features of the Centurion alarm system
- Identify the significance of each of the different states of the light tower
- Explain the different alarm levels on the Centurion oven
- Take the appropriate steps to respond to critical alarms