Commissioning Training for Aseptic Sterilizers

Direct and indirect UHT

Liquid Consulting

Course flyer

This course prepares attendees to begin supervised, on-site commissioning of aseptic UHT sterilizers — direct and indirect. It explains the required steps of the commissioning procedure at course-outline level, how the modules are designed, and how to adjust controls so the system reaches the intended performance.

WHO SHOULD ATTEND

Attendees

- Commissioning and field engineers with a basic level of working experience in process and automation, who are intended for commissioning work.

Prerequisites

Good computer skills, preferably including RSLogix 5000, electrical and technical understanding, and some work experience on these process modules.

Duration and languages

Five-day agenda. English and Spanish.

Request training

Use the form on liquidconsulting.com/training/commissioning-aseptic-sterilizers/ or write to automation@liquidconsulting.com. The full written procedure is not published; qualified plants can request it through the form.

MODULES

Day 1

- UHT product technology
- Direct-UHT module presentation
- Homogenization
- Components
- Preparation for commissioning

Day 2

- Installation supervision and checks
- Electrical supply setup
- Component setup
- Homogenizer setup
- I/O test
- Sterilization-phase setup

Day 3

- Water-circulation phase setup
- Hold / standby phase setup
- Shutdown-phase setup
- Production-phase setup

MODULES, CONTINUED

Day 4

- AIC-phase setup
- Emergency-empty phase setup
- CIP-phase setup
- Additional CIP-phase setup used on some lines

Day 5

- Aseptic test
- Production supervision
- Troubleshooting
- Discussion

Learning outcomes

After the course, attendees should be able to begin supervised, on-site commissioning of these aseptic modules, understand the required commissioning steps, and adjust controls to reach the intended performance.