



Program

HVAC Management for Cleanrooms URS, Qualification, Monitoring, Servicing and Maintenance

Duration : 14 hours (2 days)

Training: In-house or inter-site / Face-to-face or remotely

Target audience: Personnel from the pharmaceutical industry, medical devices or hospitals carrying out HVAC engineering, HVAC Qualification, environmental monitoring and maintenance assignments

Prerequisites: no prerequisite

Training is accessible to people with disabilities

Learning objectives

- Knowing the applicable regulations on air treatment in cleanrooms
- Be familiar with the regulations governing AHU/HVAC maintenance
- Be familiar with GMP requirements concerning subcontracting
- Be able to define needs for Cleanrooms, draw up URSs, draw up specifications
- Understand the IQ OQ PQ qualification stages
- Maintaining qualified status
- Associated environmental monitoring
- Be familiar with the daily operations of AHUs/HVACs
- Mastering first-level interventions
- Monitoring of physical parameters

Training content

Day 1:

- Regulations governing HVAC and AHU maintenance
- Regulations governing subcontracting
- Operation of AHUs/HVACs in relation to Clean Rooms
- Drawing up a URS and specifications

Day 2:

- OQ OQ PQ qualification
- Maintaining qualified status
- Environmental monitoring

- First-level interventions
- Monitoring physical parameters

How the course is organized

Speakers: Pierre Chazelle

Teaching and technical tools

- Training materials
- Theoretical presentations, examples of concrete cases
- Practical application exercises
- Questions / answers sessions

Tool for monitoring the implementation of the training results assessment

- Attendance sheets
- *Assessment tests of the acquisition of knowledge*
- Training certificate