



# Introduction to Facilities and Clean Utilities in Medical Device Manufacturing

Training Brochure

## **Introduction to Facilities and Clean Utilities in Medical Device Manufacturing**

### **COURSE OBJECTIVES**

After participating in the training, you will be able to:

- Gain foundational knowledge regarding the design, operation, and management of facilities and clean utilities within the regulated medical device manufacturing environment.
- Understand how the well-maintained facilities and clean utilities help to ensure product quality, compliance, and operational efficiency.

### **COURSE OUTLINE**

1. Overview of facilities and utilities
  - Introduction of the common facilities and utilities services
  - The differences between clean utilities and black utilities
  - How to define clean utilities is required for critical manufacturing process
2. Clean utilities – Clean water, compressed dry air, gases
  - General application and requirements
  - Critical process parameter
  - Operation, maintenance and monitoring
3. Facilities – Cleanroom, facilities monitoring system, pest control
  - General application and requirements
  - Critical process parameter
  - Operation, maintenance and monitoring
4. Facilities and clean utilities – Preventive maintenance task
  - Scheduling preventive maintenance (interval)

### **DURATION**

Two (2) full days

### **MODE OF TRAINING**

Classroom Training

### **REMARK**

This training is not HRD Corp claimable.

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### COURSE AGENDA

Day	Time	Details
1	9.00 am – 12.30 pm	Overview of facilities and utilities <ul style="list-style-type: none"><li>• Introduction of the common facilities and utilities services</li><li>• The differences between clean utilities and black utilities</li><li>• How to define clean utilities is required for critical manufacturing process</li></ul>
	12.30 pm – 1.45 pm	Lunch break
	1.45 pm – 5.15 pm	Clean utilities – Clean water, compressed dry air, gases <ul style="list-style-type: none"><li>• General application and requirements</li><li>• Critical process parameter</li><li>• Operation, maintenance and monitoring</li></ul>
2	9.00 am – 12.30 pm	Facilities – Cleanroom, facilities monitoring system, pest control <ul style="list-style-type: none"><li>• General application and requirements</li><li>• Critical process parameter</li><li>• Operation, maintenance and monitoring</li></ul>
	12.30 pm – 1.45 pm	Lunch break
	1.45 pm – 5.15 pm	Facilities and clean utilities – Preventive maintenance task <ul style="list-style-type: none"><li>• Scheduling preventive maintenance (interval)</li></ul>

### CONTACT

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