



# ADVANCED AUTOCLAVE VALIDATION

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## 3 DAY TRAINING COURSE

Our courses are designed to provide practical validation knowledge and experience allowing you to perform effectively.



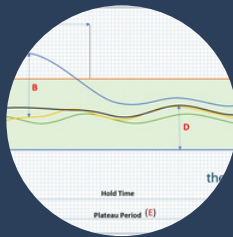
# Introduction to Autoclaves

How they work - Methods of Control -  
Critical Factors - Routine Testing



## Porous Load

- Cycle Design and Development
  - Methods of Control
  - Critical Control Parameters
- Load Wrapping and Positioning
- Acceptance Criteria
  - Equilibration Time
  - Fluctuation, Difference
  - Theoretical Steam Temperature
- Identifying Worst Case Locations
- Common Failure Modes

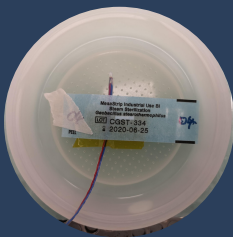


## Fluids Load

- Cycle Design and Development
  - Air Over-Pressure Cycles
  - Critical Control Parameters
  - Methods of Control
  - Cascade Autoclaves
- Acceptance Criteria
  - Time at Temperature
  - Lethality (Fo)
- Identifying Worst Case Locations
- Common Failure Modes

## EN285 Testing and Vent Filter

- Preparing a Standard Towel Pack
- Small Load Thermometric Test
- Air Detector Performance Test
- Air Detector Function Test
- Vent Filter Sterilisation



## Steam Quality Testing

- Introduction to Steam Quality
- Non Condensable Gases Test
- Superheat Test
- Dryness Test



## Sensor and BI Placement

- Selecting the Best Sensor
- TC Entry and Chamber Placement
- Fluids Loads
  - Preventing Fluid Loss
  - Placement and Worst Case Locations
- Porous Loads
  - Complex Load Items

## Microbiology

- Introduction to Biological Indicators
  - Fluids
  - Porous
- D-Value and Sterility Assurance Level
- Biological Indicator Placement
- BI Failure Investigation

## WHERE AND WHEN?

### Online

Via Zoom and our training platform [www.thermalcompliance.com](http://www.thermalcompliance.com)

### Onsite




At your facility, our Training Centre or one of our public hotel courses.

Our Public course dates are listed at [www.thermalcompliance.co.uk](http://www.thermalcompliance.co.uk)

### Bespoke

Our courses can be adapted to your site, our trainers can use your loads, your validation equipment and your process

## WHO SHOULD ATTEND?

-  **VALIDATION**
-  **ENGINEERING**
-  **QUALITY ASSURANCE**

## FURTHER LEARNING

We also offer the following training courses:

Introduction to Autoclaves

Advanced Temperature Mapping

Contact Us For More  
Information :

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