



# ADVANCED AUTOCLAVE VALIDATION

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3 DAY TRAINING COURSE



# Advanced Autoclave Validation

Introduction to Autoclaves



## 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
- D-Value and Sterility Assurance Level
- Biological Indicator Placement
- BI Failure Investigation





## WHO SHOULD ATTEND?

VALIDATION

ENGINEERING

QUALITY ASSURANCE

## 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

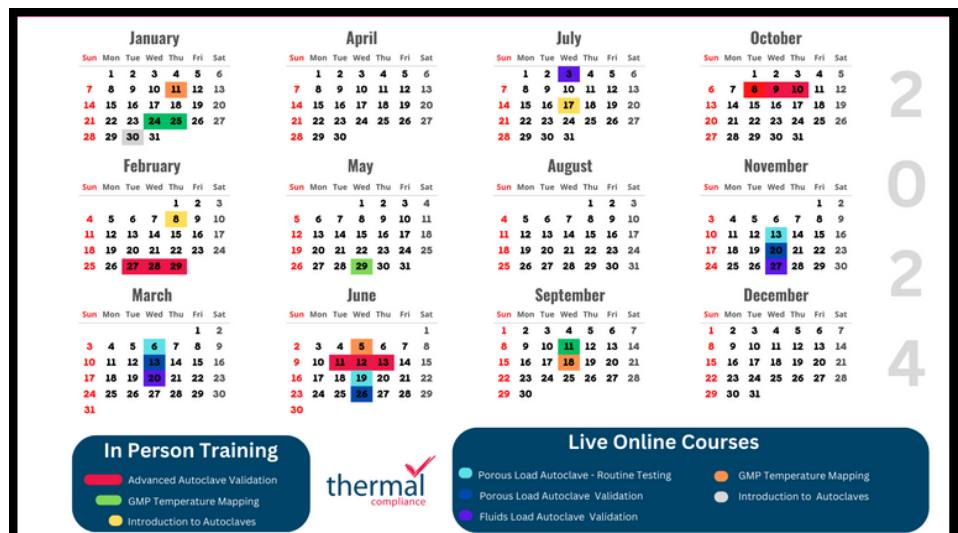
## 2024 COURSE CALENDAR

Book online at:

[www.thermalcompliance.co.uk](http://www.thermalcompliance.co.uk)

Contact:

[info@thermalcompliance.co.uk](mailto:info@thermalcompliance.co.uk)



Contact Us For More Information :

00 44 (0) 1748 327 247

[info@thermalcompliance.co.uk](mailto:info@thermalcompliance.co.uk)

[www.thermalcompliance.co.uk](http://www.thermalcompliance.co.uk)

