



Compliance & Validation Services
Presents a 3-Hour Online Training Course on:

Overview of Pharmaceutical Thermal Sterilisation

6 August 2020

3-Hour Online Training Course

Start time: 08:30 *London/Dublin*
09:30 *Berlin/Amsterdam*

Finish time: 11:30 *London/Dublin*
12:30 *Berlin/Amsterdam*



Course Description and Who Should Attend

This course provides an overview of the principal moist and dry heat sterilisation processes used in pharmaceutical and biopharmaceutical manufacturing, including types of equipment employed, such as porous and fluid load autoclaves, sterilise in place (SIP) systems, batch ovens and depyrogenation tunnels, typical routine controls and testing requirements, equipment qualification/requalification and process validation activities. The course discusses overkill or bioburden based cycle design and the rationale why either may be selected. This course is aimed at individuals involved directly or indirectly in managing, operating, qualifying and maintaining thermal sterilisation equipment or validating thermal sterilisation processes. Target disciplines include microbiology, production (operators, supervisors and management), quality assurance, validation, technical support and engineering.

Course Presenter



John Welbourn, Compliance & Validation Services Limited: A validation professional with over 30 years experience, John has been responsible for the management and execution of validation projects for many major pharmaceutical companies. He has broad experience in the qualification of equipment, utilities and computerised systems associated with thermal sterilisation processes. He has presented at conferences in the UK, Europe and the US and has authored several articles on various aspects of validation. John has contributed to The University of Manchester's, Pharmaceutical Engineering Advanced Training (PEAT) Course and Dublin Institute of Technology's (DIT) MSc. course in Pharmaceutical Process Validation.

Online Training Platform

We use the industry leading GotoWebinar®, LogMeIn, Inc. platform for our online training courses. It's intuitive and simple to use, however we do recommend that you check your system's compatibility using the '**CHECK SYSTEM COMPATIBILITY**' link provided below (we use 'standard webinar'). To find out more about how our online training process works, from booking through to the end of the course, please click on the '**HOW IT WORKS**' link provided below:

[CHECK SYSTEM COMPATIBILITY](#)

[HOW IT WORKS](#)

Course Fees & Booking

The course fee is **£300 [GBP]**. Please use the links below to book online and to view our Terms & Conditions.

NOTE: If your finance centre or attendees are based in the United Kingdom (UK), or attendees are booking as private individuals (non-company), the course fee will be subject to an additional 20% UK VAT charge (**£360** per attendee including UK VAT).

For EU Countries where finance centres and attendees are NOT based in the UK, VAT will be ZERO RATED under the reverse charge rule.

For non-EU countries and non-EU attendees, VAT is not applicable.

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