



Training Course Agenda

PDA 468 Validation of Moist Heat Sterilization Processes

DAY 1

Welcome and Introductions

8:30

1. Training Course Objectives
2. Attendee Objectives
3. Class Logistics and Last Day Flights

9:00

Module 1: Sterilization Science I: Microbiology

10:30

Break

Let's Meet Our Autoclave (Lab Work)

10:45

1. Types of Autoclaves
2. Parts of an Autoclave
3. Ouch, Don't Touch That

12:00

Lunch

Let's Meet Our Supplies (Lab Work)

13:00

1. Biological Indicators
2. Thermocouples (Let's Make a TC)
3. KAYES and Others
4. Bowie Dick Test Packs
5. What do We Want to Cook?

14:00

Module 2: Sterilization Science II: Thermal Science & Steam Quality

14:30

Break

14:45

Module 2: Sterilization Science II: Thermal Science & Steam Quality (cont.)

Let's Run Our Autoclave (Lab Work)

15:15

1. Pushing Buttons
2. Running TC's
3. Starting and Stopping

16:00

End of Day 1



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DAY 2

8:30 Recap Day 1 (Meet in Autoclave Room)
1) Lecture
2) Lab
3) Start the Calibration of the KAYE

9:00 Module 3: Process Development

10:30 Break

10:45 Let's Make... (In-class Lab Work)
1. An Empty Chamber Load Diagram
2. A Loaded Chamber Load Diagram
3. Go to Autoclave and install TC's

12:00 Lunch

13:00 Let's Set Up and Start an Empty Chamber Distribution Test (Lab Work)

14:00 Break

14:15 Let's Look at Our Run Data

15:00 Let's Design a Hardest to Heat Load (In-class Lab Work)
1. Develop Load Pattern
2. Identify Probe Locations
3. Make Load Drawings

16:00 End of Day 2

DAY 3

8:30 Recap Day 2
1. Lecture
2. Lab

9:00 Let's Set-up and Start Our Hardest to Heat Load (Lab Work)

10:30 Break

10:45 Module 4: Process Performance Qualification & Ongoing Control

12:00 Lunch

13:00 Let's Review our Data from Our Hardest to Heat Load

14:00 Break

14:15 Open Discussion and Review

15:30 Closing and Training Course Evaluation

16:00 End of Training Course