Training Course Agenda

PDA 808 Characteristics of Pharmaceutical Elastomers and Aluminum Seals in Parenteral Packaging Systems

DAY 1	
9:00	**Welcome and Introductions**
9:15	Introduction to Container Closure Systems Vials, PFS, Cartridges with a focus on elastomeric and aluminum components
9:45	Introduction to Pharmaceutical Elastomers • Selection criteria and key considerations • Physical and chemical properties • Applications, variations, and functionalities • E/L profiles
10:45	**Break**
11:00	Aluminum Seals • Manufacturing technologies and processes • Key considerations, quality parameters, testing methods
11:30	Activity
12:00	**Lunch**
13:00	Pharmaceutical Elastomer Manufacturing Process • Manufacturing technologies • Understanding critical manufacturing parameters
14:00	Processing of Elastomeric Components • Fundamentals of RFS and RTU components • Importance of siliconization and selection criteria • Basics of camera inspection • Sterilization choices and elastomer packaging selection
15:00	**Break**
15:15	Plant Tour: Visit Datwyler's FirstLine® Manufacturing Facility
17:00	**End of Day 1**

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DAY 2	
9:00	Different Coating Technologies and Their Unique Benefits
10:00	**Break**
10:15	Elastomeric Testing • Understanding origin of defects • Defect classification (discussion of PDA TR76 report) • Commonly applied analytical methods • Test methods discussion (CCI, silicone, moisture retention, chemical identification) • Quality/Analytical lab tour: Describe testing methodologies with practical examples
11:00	Activity
12:00	**Lunch**
13:00	Regulatory Requirements Applicable to Elastomeric Closures and Aluminum Seals
14:00	Case Studies and Best Practices
15:00	Q&A and Summary
16:00	**End of Training Course**