

2-day In-person Seminar on

The A to Z's of Microbial Control, Monitoring, Validation and Troubleshooting of Pharmaceutical Water Systems

Duration: **2 Days** By - **T.C. Soli**

Price: INR **20,000.00** (for 1 attendee)
[Register for 4 Participants to Get 1 Free Pass](#)



Venue
The Leela Kempinski Mumbai Sahar, Andheri Mumbai

Date: October 29th and 30th 2012

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Course "The A to Z's of Microbial Control, Monitoring, Validation and Troubleshooting of Pharmaceutical Water Systems" has been pre-approved by RAPS as eligible for up to 12 credits towards a participant's RAC recertification upon full completion.

Past Seminars



Course Outline: Day 1

Lecture 1: What Makes Water Systems Have Microbial Quality Problems
Lecture 2: Successful Sanitization Approaches for Trouble-Free Water Quality
Lecture 3: Water System Validation by Logic Instead of Tradition
Lecture 4: Implementing Changes to a Validated System
Lecture 5: Reducing Water Microbial Excursions & Improving Investigations

Course Outline: Day 2

Lecture 6: Understanding and Controlling Endotoxin
Lecture 7: Harmonizing vs Optimizing Water Microbial Testing for System Quality Control
Lecture 8: Microbial Enumeration Issues with High Purity Water Systems
Lecture 9: Water System Investigation "How-To's" and Example Case Studies
Lecture 10: What USP Does and Doesn't Say about PW, WFI, Pure Steam and Micro Issues

Overview:

In order to understand the microbiology of a water system, one has to understand biofilms since that is the mode of microbial growth in a water system. There is much hype and fear about water systems biofilms by users and regulators alike who do not understand how they grow, how to effectively control that growth, or even how to monitor their presence. This course will help you understand how microorganisms respond to our efforts (or lack of effort) to control their numbers and even to how we try to count them.

Who Will Benefit:

- 1 Microbiology Laboratory Supervisors
- 1 Analysts Responsible for Water Sampling
- 1 Quality Assurance Personnel Responsible for Water System Deviation Management
- 1 Regulatory and Compliance Professionals
- 1 Process and Utility Engineers Responsible for Water System Maintenance, Troubleshooting, and Excursion Mitigation
- 1 Facility Engineers Responsible for Water System Design or Renovation
- 1 Validation Personnel for Qualification

Instructor Profile:



Teri C. Soli
Principal Consultant, Soli Pharma Solutions

T.C. Soli, is a Ph.D., in Microbiology and President of Soli Pharma Solutions, Inc. Since becoming a full-time consultant, he has served consumer products and FDA-regulated industries with training and troubleshooting expertise. The areas he specializes in are water systems, sterilization, aseptic processing, microbiological and beta-lactam contamination control and microbiological laboratory operations. ...[more](#)

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