

Monitoring and Validation of Pharmaceutical Water Systems

Instructor: [Carl Patterson](#)

Date: Wednesday, 12 July 2017 | Time: 10:00 AM PDT, 1:00 PM EDT | Duration: 60 Minutes

This webinar will discuss the FDA requirements for design, validation and monitoring of pharmaceutical water systems. There are many different types of pharmaceutical waters and each must be fit for its intended use. Pharma water must be controlled for impurities. Pharma water systems must be designed, validated and monitored to ensure that the water produced meets specifications around the clock. Learn common pitfalls with water system design and use and how to avoid them. Get your pharma water questions answered in this webinar.

Objectives of the Presentation

- Types of Water Systems used in the Pharmaceutical Industry
- How pharmaceutical grade water is produced
- Validating a newly commissioned Water System
- Establishing procedures for maintaining the water system during its lifecycle
- Quality Control Monitoring of the water system
- Trending and presenting the results to auditors

Why Should you Attend

This presentation provides an overview on the different types of water systems used in the Pharmaceutical Industry. Attendees will be provided a comprehensive overview of the different types waters systems, their validation, and handling of excursions. We will also cover validation, monitoring, and analyzing data results. What data collected means, how excursions should be handled, and what actions can be done if a problem does occur? What can be expected when the water system is audited by regulatory bodies or clients?

Areas Covered

- Pharmaceutical water systems
- Purification Process
- Validation (IQ,OQ,PQ)
- Daily monitoring requirements
- Quality monitoring
- Regulatory expectations

Who will Benefit

Professionals in the pharmaceutical and biologics industries, where high purity water systems are used, should attend this program.

- Quality Assurance
- Logistics
- Manufacturing

- Quality system auditors
- QA directors and managers
- Microbiology analysts and technicians
- Consultants
- Regulatory and Compliance Management
- Compliance lab personnel
- R&D, and engineering

Topic Background

Water used in production processes for pharmaceutical products must meet stringent standards. Pharmaceutical Water is, perhaps, the most important of all pharmaceutical utilities. It is used as an incipient in many pharmaceutical formulations, as a cleaning agent and as separately packaged product diluents. In addition to non-compendial systems, pharmaceutical facilities typically include systems for delivering pharmacopoeial Purified Water (PW) Water for Injections (WFI), and Highly Purified Water (HPW).

Webinar Cost :-

\$250.00 Live Session

\$375.00 Recorded Session

\$500.00 Training CD

\$1250.00 Corporate Live Session

\$500.00 Live Session + Recorded Session

\$625.00 Live Session + Training CD

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Instructor Profile:

Carl Patterson, M.S. has completed twelve plus years in the biotechnology, pharmaceutical manufacturing and quality fields. He completed his Bachelor's of Science in Microbiology from the University of Texas. Also, has completed specialized certificates in biotechnology manufacturing, quality control, and quality assurance from UCSD, and has completed his Master's of Science in Biomedical Quality Systems from SDSU. Through the years, has worked with several companies in regards to aseptic processing and has helped to insure the expectations, related to aseptic processing, have been met.