STERIS VHP® Technology
Cycle Development & Validation Services

VHP® technology validation made simple

STERIS VHP (Vaporized Hydrogen Peroxide) Validation Services can help your company comply with internal and external requirements by providing solutions that allow for the seamless and efficient validation of your STERIS VHP Biodecontamination System. From Installation Qualification (IQ) to cycle verification, our validation team can help your company develop and confirm repeatable VHP cycles.

A STERIS VHP specialist will work to understand your process-specific requirements and work with you to see that these requirements are met. By partnering with STERIS, you can be confident that your low-temperature sterilization needs will be taken care of by industry experts.

Fundamentally, we seek to build long-term relationships with each of our clients. Our goal is to learn how our clients work, and then adapt our procedures to fit the client. We believe in nurturing a productive, comfortable working rapport and in establishing stable project teams. Once clients work with us, they appreciate our commitment to complete each project on time and within budget, and typically ask us to bid on additional projects. When we accept a project, we accept responsibility for expediting it from start to finish. STERIS is the pioneer in VHP technology and subject matter experts to validate your VHP processes.

- Riz Khan, Lead VHP Validation Engineer, STERIS Corporation
Low Temperature Sterilization Experts That Understand Your Requirements

As the inventor and sole proprietor of VHP technology with over 100 years of experience in high- and low-temperature sterilization, STERIS is the only one capable of qualifying your STERIS VHP equipment to the consistent standards required by your organization. Our highly trained STERIS VHP Specialists have an average 15 years of industry experience. This combination of technical engineering and regulatory experience means that you can be confident that your VHP sterilization process will be qualified in a proper, timely, and consistent manner.

Superior Qualification Protocols and Documentation Services

No one knows VHP technology and offers a higher level of compliance documentation than STERIS. Our documentation starts in the factory and supports each piece of equipment throughout its life cycle. This complete method of documentation is accurate and efficient. STERIS specialists will work to understand your process needs to provide protocols and final reports.

VHP IQ/OQ

> Equipment-specific documentation originating in the factory and written according to CGMP specifications by VHP technology experts
> Document execution performed by qualified STERIS validation experts
> Includes an NIST traceable calibration
> Supports seamless and efficient qualification

VHP On-site Operator Training

1-½ day on-site instruction includes:
> VHP Process Variables
> Phases of the Cycle
> Applications
> Safety
> Validation
> Basic Cycle Development
> Hands-on Demonstration

VHP Cycle Development

> Utilizes real-time concentration monitoring to optimize cycle conditions and confirm efficacy with biological and chemical indicators of one enclosure
> Typically a 2-day process for one cycle including a protocol and completion report showing the data, optimized cycle parameters and recommendations

VHP Biological Indicator Testing

> Confirms efficacy of VHP cycle with biological and chemical indicators (annual basis)
> 1½-day service for 2 cycles depending on the customer’s application

VHP Real-time Concentration Check

> Uses a real-time concentration sensor to monitor VHP concentrations of a VHP generator by a STERIS Service Specialist
> May be included with a calibration or be a stand-alone service

VHP Application Troubleshooting

> On-site consulting by a STERIS VHP Applications Specialist
> Minimum 2-day service

Final Reports

> Our VHP validation experts will provide a summary of the results obtained in IQ/OQ and cycle testing in a systematic and logical manner to make external or internal audits a smooth transaction

STERIS Validation Services are also available on the following products:

> Steam Sterilizers
> Pure Steam Generators
> Ethylene Oxide Sterilizers
> Water Stills
> Washers
> And more...

For more information contact STERIS
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