



SPD Solutions

Problems in the Sterile Processing Department (SPD) can have a cascading impact on healthcare facilities. Chem-Aqua understands the importance of a properly functioning SPD and has the capabilities to help facilities resolve difficult surgical instrument staining and wet pack issues. Our in-house ISO 9001 certified laboratory provides comprehensive analytical support using state of the art instrumentation. Real-time steam purity monitoring is available to help ensure the steam used for sterilization and humidification complies with FDA and AAMI standards, and provide alerts for upset conditions. Chem-Aqua has the tools and expertise necessary to help get SPD back up and running quickly, minimizing the potential for cancelled surgeries and ensuring that instrumentation is ready when delivered to the operating room.



SPD Consulting Services

- Staining & wet pack investigations
- Identification of instrumentation, wrap, and tray liner stains
- Real-time steam purity monitoring and troubleshooting
- Comprehensive water quality analysis
- Critical water and steam system audits
- AAMI compliance support for steam and water systems

Testing Capabilities

- Mineral and microbial water analysis
- Contaminant identification
- Scanning Electron Microscopy (SEM)
- EDS elemental mapping capabilities
- Light microscopy with 3-D pit analysis
- FTIR spectral library with boiler amine and washer chemistries

