STERIS®

Life Sciences

VHP® LS60™ Biodecontamination Unit

In-Service Checklist

To help ensure a successful In-Service, please reference the following materials prior to and/or during the In-Service:

- LS60 Biodecontamination Unit Operator Manual
- LS60 Biodecontamination Unit Technical Data Sheet
- Vaprox® 59 Hydrogen Peroxide Sterilant Material Safety Data Sheet (MSDS), package label and package insert.
- Extended Printout Evaluation Form

Prior to the In-Service, determine the instruments to be processed. This will ensure a shorter setup time. Review with your Customer the time allocation needed for In-Service and the necessary personnel to attend.

General

- ❑ Discuss the In-Service objectives / agenda (discuss what you will be covering)
- ❑ Review cautions or warnings which appear in the Operator Manual (Sec. 1) at the appropriate time during the In-Service
- ❑ Allow time for your Customers to ask questions and get them engaged throughout the In-Service with hands on demonstrations

Chemistry

Vaprox® 59 Hydrogen Peroxide Sterilant

Review and/or demonstrate the following features of Vaprox 59 Hydrogen Peroxide Sterilant (EPA Reg. No. 1043-123):

- ❑ Instructions on the cup for proper use
- ❑ Expiration Date – data matrix code assures use within date
- ❑ Cartridge design – 15 cycles per cartridge
- ❑ Use of PPE
- ❑ Sterilant level indicator
- ❑ Contents – 59% hydrogen peroxide (14 – day expiration after loading in LS60 Biodecontamination Unit)
- ❑ Proper disposal of cup

Biodecontamination Cycle Operation[1]

Review and/or demonstrate the following features:

- ❑ Review intended use per Operator Manual
- ❑ Unit is in **STANDBY** when first turned on (requires ~ 40 minutes to reach operating temperature)
- ❑ Ensure sterilant cup is installed.
- ❑ Verify printer is supplied with paper.
- ❑ Review the **Options** touch screen
- ❑ Verify that the load is properly prepared, refer to Appendix A in Operator Manual
- ❑ Chemical Indicator (CI) – Use only STERIS recommended CI for LS60 Biodecontamination Unit
- ❑ Ensure that all trays and shelves are completely inside before closing the door
- ❑ Push chamber door closed

Note: Chamber door must stay closed when unit is not in use.

- ❑ Press the correct validated cycle on the touch pad to begin a biodecontamination cycle (Lumen Cycle, Non-Lumen Cycle, or Flexible Cycle). Cycle will begin.
- ❑ Review cycle phases – Condition, Biodecontaminate, Aerate
- ❑ Review **Abort Cycle** information
- ❑ At cycle completion, ensure the proper unloading of the biodecontamination unit
- ❑ Review the cycle printout
- ❑ Read, record and discard CI
- ❑ Continue with BI test procedure (if applicable)
- ❑ Remove instruments
- ❑ Average cycle times may vary due to load size, wetness or absorbency

Leak Test (Weekly)

Review and/or demonstrate the following features leak test cycle:

- ❑ A leak test is recommended to be performed weekly (test will last ~ 14 minutes) on the unit to ensure the chamber is leak proof
- ❑ Cycle completion – review printout
- ❑ Contact STERIS Life Sciences in the event of leak test failure

Troubleshooting / Routine Maintenance

Review and/or demonstrate the following related to troubleshooting and routine maintenance:

- ❑ Review **Alarm** screen information and how to respond
- ❑ Review typical **Alarm** printout
- ❑ Review in the Operator Manual
- ❑ Review oil maintenance icon
- ❑ Daily – clean, check paper supply
- ❑ Weekly – leak test, check ink cartridge
- ❑ Quarterly – inspect door gasket

Chemical Indicator

Instructions for Chemical Indicators (CI) are found within the CI packaging.

Review and/or demonstrate the following:

- ❑ Locate and review the expiration date
- ❑ Internal: Place CI in tray or packaging for each cycle
- ❑ External: Place CI on each wrapped tray, interpret results upon removal of tray
- ❑ Remove internal CI at point of use and interpret the indicator color

Biological Indicator

Instructions for Biological Indicators (BI) are found within the BI packaging.

Review and/or demonstrate the following:

- ❑ Locate and review the expiration date of BI
- ❑ Review steps for Control BI
- ❑ Place BI (test) pouch to verify the cycle on top shelf (center, if possible) within loaded chamber
- ❑ Remove the BI from the unit at the end of the cycle
- ❑ Incubate the BI and read the results
- ❑ Review control / test results interpretation

[1]Not for use to reprocess reusable instruments for human use.

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