



Excel with SmartVent 7900 Ventilator Technical Service Class

Course Summary

After completing the Excel 7900 technical class, students will have the knowledge to troubleshoot, repair, and maintain the Excel SE anesthesia machine, the GMS absorber, the Waste Gas Scavenger, and the 7900 SmartVent. Hands-on exercises are designed to reinforce the skills required to maintain and repair components.

Intended Audience

Bio-meds who will be servicing the Excel anesthesia machine, the 7900 ventilator, the GMS absorber, and the waste gas interface valve (AGSR).

Customer Requirements

Because of safety concerns, students are required to wear safety shoes with a steel toe.

Course Length

- 5 days

Course Prerequisites

- None

Course Location

- Because this class could be offered at different G.E. Training Centers, please check the schedule for location.



Course Objectives

Upon successful completion of the course, participants will be able to:

- Explain the operation of all the equipment covered.
- Locate, identify, and explain the functions of the Anesthesia sub-systems.
- Perform adjustments and calibrations including the link-25.
- Troubleshoot and resolve equipment problems.
- Pass a written and practical exam with a minimum score of 70%.
- Explain the flow of gases through the Excel, the GMS, the AGSR, and the 7900 ventilator.
- Identify the major electronic circuits on the P.C. boards of the 7900 ventilator.
- List and explain the operation of the safety features of the system.
- Do a correct and complete system P.M. using the manufacture's procedures.

Course Equipment

- Excel anesthesia machine, GMS Absorber, 7900 ventilator, and the waste gas interface valve (AGSR).

Related Courses

Excel/7800