



Medical Equipment Maintaining infusion devices

We deliver highly practical training for **biomedical** engineers relating to the safety, servicing and performance verification of a range of equipment including **electro-cardiovascular**, **ventilation** and **anaesthesia**.

Is this course for you?

The course is ideally suited for those with basic knowledge in biomedical engineering, medical instrumentation and supportive therapeutic and diagnostic medical equipment. This course is designed to bridge the gaps that often occur between academic knowledge and skills with the requirements of the actual work place. Learners will gain a good grasp of the principles of positive displacement infusion pumps and syringe drivers. This will enable them to be confident and fully understand the principles of operation of these devices within the healthcare environment. The course will enable learners to perform all the required electrical safety, performance and verification testing of positive displacement infusion pumps and syringe drivers.

This course is aimed at new entrants and existing technical staff to the healthcare sector who are involved in maintaining these devices.

Course aim

To provide participants with the knowledge of the principles of positive displacement infusion pumps and syringe drivers, applications, and maintenance procedures.

Objectives

- Describe and apply knowledge of infection prevention and control within a clinical engineering environment
- Describe medical electrical safety with reference to BS EN IEC 62353
- Describe the principles and applications of infusion devices
- List hazards and alarm functions associated with infusion devices
- Perform electrical safety testing, verification, and performance testing on infusion devices, using specialist tools and test equipment

50+ years of world-class training