

COURSE DATA SHEET

| BS7671 Medical Locations



This one-day plain English course demystifies the IET guidance on electrical installation practices for healthcare establishments where medical devices with applied parts are used. The course is especially relevant to complex medical devices such as diagnostic imaging and radiotherapy rooms/suites, interventional suites and operating theatres. Medical Locations requirements also apply to all dental treatment establishments.

The course includes detailed discussion on the latest version of BS7671, the IET Special Locations guidance and HTM 06-01. Simple tests have been formulated to ensure a medical location totally complies and we have produced a medical location earth simulator panel to show the unique earth systems. The course concludes with an assessment prior to the award of the course certificate.

Course Content

- BS 7671 and the HTM 06-01 structure, ethos for medical locations.
- Department of Health policy and UK regulatory frameworks.
- Simplified medical location group and class designation methodology.
- Patient/business risk
- Patient environment and applied parts
- Overview of Medical IT circuits
- Equipotential bonding and preventing micro shock.
- Electric shock and risks with devices
- Testing of medical locations using specialist equipment (to double check what the installing electrician has already certified).
- Typical Installation failures.
- Network Supply earth configurations.
- Mains resistance, Wiring protection & Leakage currents.

Completion Results: PTT Medical Installations Course Attendance Certification

Who should attend this course?

The course is suitable for Electricians, Medical/X-ray Engineers and Managers & Supervisors responsible for Medical Electrical installations.

Duration & Cost

1 day

£335 + VAT (£402)

Includes all course materials, refreshments and a buffet lunch



Proactive Technical Training

T: +44 (0) 1442 828 754

E: info@ptt-training.co.uk

W: www.proactivetechnicaltraining.co.uk

Unit 5a Icknield Way Industrial Estate,
Tring, Herts, HP23 4JX