

Target

Installation technicians required to install Emergency Warning and Intercommunication Systems, unfamiliar with the QE90 or those technicians new to the fire industry. Course content is also suitable for service technicians..

Comments

This course provides theory in the form of an overview of basic principles of operation, requirements of EWIS codes that the installation must comply with, and the requisite requirements of QE90 installation. This course also concentrates on the practical installation requirements of demo QE90 equipment, including speaker, strobe and paging console wiring.

Outcomes

Attendees will be able to;

- identify the various QE90 modules and cards by sight;
- understand the module / card function and wiring requirements;
- identify the location of installation support information in QE90 manuals;
- conduct field checks to verify module operation voltage, view LEDs etc;
- understand QE Configuration sheets;

Practical

- Install and wire field devices to a QE90;
- Perform ECP chip changes;
- Perform basic fault finding to verify module operation;
- Use a PC to download a configuration database into a QE90.

Assessment - theory and practical

Pre-requisites

A component of this course is PC based and as such attendees **must be able** to open, save, copy, paste, rename, set-up directories and folders in a Windows operating system environment without assistance.

Attendees do require a PC equipped with a serial port or working USB serial adapter. Attendees should have appropriate **user access to permit software installation**.

Attendees should also bring along their own tools—terminal screwdriver, wire strippers and multimeter.

NOTE—successful completion of this course is necessary to attend higher level QE90 courses.