

Intruder Alarm Systems - *New*

Trainee Package - £650

Understanding PD 6662, BS 8243, and BS 9263 for installation and maintenance
1 day - Theory - Face to Face

Installation practices -

- Containment, Cabling Infrastructure, Cable management, Power requirements, Dressing and Terminating under BS 7671 and system requirements.

Half day - Practical - Face to Face

Installation practices -

- Device selection,
- Wiring topologies for detection devices,
- Ancillary devices and control modules.

Half day - Practical - Face to Face

System programming -

- Introduction to input types,
- Output programming,
- Setting entry and exit routes,
- Setting user pins and proximity fobs, reset levels and system timers.

Half day - Practical - Face to Face

System maintenance requirements - Basic system testing and reporting in line with BS 9263

Half day - Practical - Face to Face

Intruder Alarm Systems - *Engineer*

Upskill Package - £750

Applying PD6662, BS8243, and BS9263 in design, installation, commissioning and maintenance.

1 day - Theory - Face to Face

Installation of Intruder Alarm Systems -

- **Cable management and power requirements under BS 7671,**
- **Circuit requirements for detection devices, buslines, and ancillaries under each security grade (1-4)**
- **Utilising outputs and linkage and 3rd party device monitoring.**
- **Installation compliant for raising confirmed alarms under BS 8243.**

1 day - Practical - Face to Face

Commissioning Intruder Alarm Systems -

- **System programming in line with requirements of BS 8243 and PD 6662**
- **Programming features and functions to better utilise system functionality**
- **Input and output functions and features that can be used to elevate system performance and reduce false alarms**
- **Linking and monitoring of 3rd party systems**
- **Documentation requirements, Electrical testing and customer handover**

1 day - Practical - Face to Face

Maintaining Intruder Alarm Systems -

- **Applying the guidance of BS 9263 for system maintenance**
- **Fault finding throughout intruder alarm systems**
- **System audit and special inspection during system takeover**
- **Identifying non-compliances and system reporting**

1 day - Practical - Face to Face

Signalling requirements to Alarm Receiving Centre -

- **Connection and set up of a 3rd party communicator connected to an ARC monitoring on Pins and on Serial Connection**
- **Good practice for signalling installations**
- ***Aerial locations, system considerations, and transmission mediums, connection type considerations (PINS vs Serial)**
- **Commissioning and testing of your signalling unit**

Half day - Practical - Face to Face