HSE

HEALTH SAFETY ENVIRONMENT

Contact us

Website: https://btsconsultant.com/

Email: info@btsconsultant.com

UAE office Tel: +971 26446633

Egypt Office Tel: +2 0502308081

CCTV & Fire Alarms Install, Repair and Maintenance

Duration: 10 Days

Introduction:

With over 4 million CCTV cameras installed in the United Kingdom alone, the special skills of CCTV repair and maintenance technicians have never been in greater demand. This CCTV repair and maintenance training course is also invaluable to technically minded end users who wish to ensure that their own CCTV systems are operating with optimum accuracy and efficiency.

Who Should Attend?

It is important that only those who have completed our Foundation CCTV course or who have appropriate underpinning knowledge should attend this CCTV Repair course. Delegates will be able to successfully identify, diagnose and rectify a wide range of CCTV faults with confidence and efficiency.

Course Outline:

Day 1

- Essential installation skills
- Set up and operation of test equipment
- Diagnosing and rectifying common faults

Day 2

- Identifying faults in video transmission systems
- Fault finding telemetry receivers and transmitters
- Locating and rectifying cable faults

Day 3

- Hum bar elimination
- Identifying insertion losses using CAT5 cable
- Correcting video signals over long cable runs
- Optimization of camera tracking and focus

Day 4

- Measuring video levels
- Re-setting camera tracking and focusing
- IP diagnosis and repair
- Servicing recording devices
- Correct setting up of monitors

Day 5

- DVR and NVR recorders
- Display and termination faults
- Health and safety on site and in workshops
- Maintenance recommendations
- Practical Fire Alarms

Overview

On this fascinating training course, you will learn how to carry out the building fire risk assessments that are now mandatory for anyone responsible for business premises – including employers, voluntary organizations, clubs and charities.

You will also acquire the fundamental skills needed to recommend, upgrade or fully install fire alarm equipment, as required. There are no prerequisites. The training course is open to all but it will be of particular interest to installers, sales personnel, technicians, engineer, consultants and fire alarm system users.

Content

Day 6

- Associations, inspectorates and documentation
- Basic commissioning requirements
- Role of the responsible person an fire officer

Day 7

- Fire alarm legislation and levels of protection
- Standards and governing bodies
- Pre installation risk assessment
- Fundamentals fire alarm installation skills

Day 8

- Measuring current, voltage and resistance
- Using test equipment correctly
- Health and Safety
- Basic installation of fire alarm systems

Day 9

- Fire classifications
- Signaling techniques
- Detection device types, sounder types and their applications
- Environmental considerations

Day 10

- Routine servicing and maintenance of detectors, panels and fire alarm systems
- Classes of fire extinguishers and sprinkler systems
- Radio detectors and transmission
- Wiring systems