



Emergency Lighting Part 1: Design



Course Aim

This 1-day course enables fire safety professionals to design, install and maintain an emergency lighting system. The training focuses on BS 5266-1, a guidebook for emergency lighting.



Who Should Attend?

This course is suitable for engineers with a basic knowledge of lamps and light fittings, and more experienced engineers looking to provide advice on emergency lighting, design lighting schemes and be install, test, and maintain emergency lighting as required.



Course Duration

This is a 1 day course.



Maximum Delegates

Maximum attendees: 12 delegates.



Certification

Upon successful completion of the course and passing the exam, delegates will receive a digital certificate of attendance.



Agenda

Topics covered within the Emergency Lighting Part 1 course include:

- Basic regulations, relevant Standards, and when emergency lighting is needed
- Types of emergency lighting
- Exit sign pictograms, luminance and viewing distances
- Luminance requirements, lux levels, uniformity, and duration requirements
- Emergency lighting for cinema and theatre auditoria
- Choosing maintained or nonmaintained luminaries
- Design procedures covering all points of emphasis, such as stairs
- Using manufacturers' spacing tables for escape routes and open areas
- Simple designs for high risk areas
- Conversion of mains luminaries for emergency use, achieving lux levels and using conversion spacing tables
- Disability glare and colour requirements
- Basic installation, wiring and fuse protection
- Testing and servicing to BS 5266-8
- Automatic testing

