



Fire Safety in the CDM Pre-Construction Phase (England)



**Course presented by:
Mark Snelling, APS President**

The Association for Project Safety is pleased to introduce the APS Academy, a new learning and development hub created to boost competence across key areas of the Health and Safety and Building Safety risk management agenda, alongside the launch of its first series of courses covering specialist subjects.

This is a next milestone in APS's programme of enhancing services to our members, and those delivering duties across the Association's agenda, to support them on their ongoing professional development journey. Designed to close skill gaps and support ongoing professional development, the Academy's initial series of three courses cover topics essential for CDM practitioners to add to their competency profile.

All courses are:

- ✓ CPD-certified
- ✓ Completed with a timed assessment to demonstrate understanding and application and accompanying certificate.
- ✓ Developed and delivered by leading industry experts and peer reviewed by APS members.
- ✓ Provide non-members with points towards APS membership

FIRE SAFETY IN THE CDM PRE-CONSTRUCTION PHASE (ENGLAND)



This short course is designed to equip Principal Designers (PDs), PD Advisers, and Client Advisers with the essential understanding of Fire Safety regulations in England required to fulfil their duties under CDM 2015.

While Principal Designers are not responsible for delivering fire safety, they must understand relevant regulations well enough to assess proposed fire safety design measures and raise concerns or comments where appropriate.

This course will ensure CDM dutyholders are better informed and more confident in addressing fire safety during the pre-construction and design phases.

Course presented by: Mark Snelling

Mark Snelling is President of the Association for Project Safety, a founder Director of the Building Safety Alliance and Health Safety and Fire consultant to the Property Institute. He was a member of BS8670, PAS 8671, PAS 8763 and BS 8674 committees and is current a member of CPB1 the BSI committee responsible to the BSI Standards Policy and Strategy Committee (SPSC) for standardization needs for competence in the built environment. He is a member of the Home Office / MHCLG Fire Safety Legislation Review Group.

A former construction project manager, Mark moved into health safety and fire safety with the introduction of the CDM Regulations in 1995 and is a Chartered Builder (MCIOB), Certified member of IOSH, and Fellow of APS (FaPS). He is an author, trainer and consultant specialising in building safety legislation.



By the end of this course, participants will be able to:

- Describe the fundamental principles of fire and smoke behaviour and how they relate to construction safety.
- Identify and interpret key fire safety legislation relevant to construction projects in England, including:
 - The Regulatory Reform (Fire Safety) Order 2005
 - CDM 2015
 - Building Regulations 2010
 - Higher-Risk Buildings Regulations (2023)
- Explain the role and responsibilities of Principal Designers and other CDM dutyholders in relation to fire safety during the design and pre-construction phases.
- Explain requirements for liaison on Fire safety between the Principal Designer and Principal Contractor.
- Recognise the importance of appropriate insurance and legal penalties relating to fire safety non-compliance.
- Understand fire risk assessment requirements, methods, and the need for competent assessors.





- Evaluate and apply relevant fire safety guidance, including HSG168 and the Joint Code of Practice.
- Distinguish between passive and active fire safety measures and their application on construction sites.
- Demonstrate how to design with fire safety in mind during the various stages of construction, including adapting to changing site risks.
- Apply best practice fire safety principles to specific construction methods, such as timber frame builds (e.g. the 16 Steps and separation distances).
- Understand the requirements for documentation and information sharing, including Regulation 38, the Golden Thread, and records for fire safety assurance.
- Assess fire safety aspects of a project design and identify when and how to raise concerns appropriately.
- Demonstrate knowledge through a timed assessment to consolidate learning and check understanding.



COURSE CONTENT



Fire and smoke – The basics

Construction fire safety legislation

- FSO (FSA + FSER)
- CDM 2015
- Building Regulations 2010
- Building (Higher-risk Buildings Procedures) (England) Regulations 2023
- Penalties

Insurance

Fire risk assessment

- Requirements
- Methods
- Competence

Guidance

- HSG168
- Joint Code

Fire safety on construction site

- Designing for changing risk
- Passive fire safety measures
- Active fire safety measures

Principal designers' duties

Designing for site fire safety

Timber frame

- 16 Steps
- Design guide to separation distances

Records

- Assurance
- Reg 38 information
- Golden Thread

Design

Legislation

aps academy

