

## Training Course Syllabus – Fire and Smoke Damper Testing and Maintenance

**Course Provider:** Compliance (Air and Water) Limited

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**Trainer:** Paul Downing: *MIFSM, MWMSoc (Snr)*

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**Contact Details:** info@complianceairandwater.com  
Office: 0116 267 22 32 M:07860 40 40 30

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**Training Centre Location:** The Dock, Innovation Centre, 75, Exploration Drive,  
Leicester. LE4 5UN.  
Alternative delivery of course at clients preferred location.

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**Course Time:** 1-Day Training Course (9.30am – 4pm)

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**Course Description:** Developed by Compliance as an IFSM certified qualification to assist candidates in demonstrating competence associated with the testing and maintenance of fire and smoke damper components installed in ventilation ductwork systems. The course qualifies for the award of 6-hour CPD credits.

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**Outline of the Course:** Generally, ventilation systems are out of view and most people are not aware that fire and smoke dampers exist. The course is intended to understand the complexity of fire dampers in relation to compartmentation in buildings.

In the UK we have a legal requirement to inspect and maintain ventilation systems. This is a legal duty for building owners/managers under the Workplace (Health Safety and Welfare) Regulations 1992.

The training course conforms to the Regulatory Reform (Fire Safety) Order 2005, and BS EN 9999: 2017 Code of Practice for Fire Safety in the Design, Management and use of Buildings. Also Building Engineering Services technical guidance standards BESA DW145, TR19, DW144, VH 001, SFG 20 and HTM 05-01, HTM 03-01 (for healthcare premises)

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## Key Objectives of the Course

On completion of the technical and practical classroom learning sessions the candidates will:

- Have appropriate knowledge of statutory Regulations relating to the maintenance of ventilation systems and safe working practices
- Have appropriate knowledge of industry standards, guidance & specifications in relation to ventilation system fire safety system
- Understand the principles of Fire damper & Smoke damper installations and associated fire compartment barrier requirements
- Understand and be able to carry out site planning and preparation for inspection testing and maintenance of fire and smoke dampers
- Understand and be able to identify damper locations and install access doors to facilitate testing and maintenance
- Understand and be able to carry out the inspection, regular testing, and maintenance of smoke/fire containment systems and associated components
- Understand the importance of reporting Issues and the completion of documentation
- On completion of the course, candidates will sit a test and complete a questionnaire. The requirement is to achieve a pass rate of 80% to receive an accredited certificate of competence
- Compliance training course is third party audited and reviewed externally for quality standards

## Candidate Pre-Requisite Recommendations (Not limited to)

- Risk Assessment
- H & S
- PPE
- Working at Height
- Confined Space
- First Aid
- Electrical Safety Awareness (HSQE or similar qualification)