

## Training Course Syllabus – Fire 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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**Training Centre Location:** Harborough Innovation Centre, Wellington Way, Airfield Business Park, Market Harborough LE16 7WB

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**Centre Training Room:** The Langton: (First Floor)

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**Course Time:** 1-Day Training Course (9.30am – 3.30pm)

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**Course Description:** The one-day course has been developed by Compliance as a IFSM accredited independent qualification to assist candidates in demonstrating competence associated with the testing and maintenance of fire and smoke damper components Installed in ventilation ductwork systems

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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 are audited and reviewed externally for training quality standards

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## 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)