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ACCREDITED ACTIVITY 16 CPD CREDITS #1015304

City & Guilds ACCREDITED

Fire and Smoke Restoration Advanced

Mitigation, Assessment, and Remediation

This two-day course is designed for damage management practitioners, field-based insurance professionals, surveyors, and housing maintenance managers who wish to develop a deeper understanding of the principles of fire and smoke damage and restoration.

Professionals responsible for identifying, managing, and remediating fire and smoke contamination in buildings carry a legal duty of care to others. This requires not only practical skills but also strong technical knowledge across multiple disciplines.

The course introduces the core principles and best practices of fire and smoke remediation as applied to the built environment, providing a structured framework for participants to strengthen their expertise and apply it effectively in real-world scenarios.

This course delivers a comprehensive exploration of fire and smoke remediation in the built environment, going beyond introductory principles to cover the full range of assessment, mitigation, and remediation practices. Participants will strengthen their professional expertise, gain the technical knowledge required to meet duty-of-care responsibilities, and develop the confidence to apply industry-recognised methods effectively in real-world situations.

Training is delivered live online via Microsoft Teams, with the option of in-person delivery at your location.* minimum numbers will apply.

Why Choose City & Guilds?

City & Guilds has over 130 years of experience in vocational education, having been created in response to the needs of businesses to develop a pipeline of well-trained talent. Built on the heritage to create vocational services that continue to meet the changing needs of businesses in the UK and around the world. City & Guilds accreditation is an instantly recognisable mark of quality and credibility and recognises the process and delivery of a bespoke training programme.

Course Benefits and Aims

Delegates who successfully complete the course will be awarded the Dewpoint Professional Fire and Smoke Damage Restoration Advanced certificate, accredited by The City & Guilds of London Institute.
The course will enable the delegates to develop the necessary knowledge and skills required to undertake mitigation, assessment, remediation and management with reference to Professional Fire and Smoke Damage Restoration enabling them to:

- Understand the principles of fire and smoke damage restoration, including combustion science, smoke behaviour, damage classification, and effective restoration techniques.
- Apply safe and compliant working practices, with an understanding of health and safety responsibilities, environmental management, and sustainability in damage restoration.
- Assess fire and smoke damage accurately, carrying out inspections, identifying contamination, documenting findings, and producing professional reports.
- Plan and manage restoration projects effectively, including mitigation strategies, project communication, risk management, and selecting appropriate equipment, materials, and cleaning methods.
- Deliver high-quality customer-focused restoration services, understanding insurance claim requirements, quality management principles, and the importance of continual improvement and professional standards.

Entry Requirements

The Dewpoint Professional Fire and Smoke Remediation Advanced Course is designed for those involved in field-based operations within the insurance, housing, or damage management sectors. While prior specialist knowledge of fire and smoke remediation is not essential, delegates will benefit greatly from having relevant field experience, as the course builds on practical, real-world scenarios. A basic understanding of English, mathematics, and science will also support successful completion of the programme.

Assessment

Assessment of this course takes place at the end of the 2nd days training and undertaken on-line as an open-book multiple choice assessment of 50 questions. PASS: 80% or above, REFER: 0-79%.

Where can you go from here?

Once you have achieved course certification, you are encouraged to continue building your expertise by progressing to additional Dewpoint Professional courses in Water Damage Restoration and Mould Restoration, enabling you to broaden and deepen your professional knowledge and skills.

Telephone: 01427 782 994 info@dewpointprofessional.co.uk www.dewpointprofessional.co.uk
Dewpoint Professional, River Cottage, Tillbridge Lane, Sturton by Stow, Lincoln, LN1 2DS

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Course Syllabus - Delegates should be able to show and illustrate:

- General Management:
  Professional standards in damage management; principles of fire and smoke damage restoration.
- Health and Safety (Overview):
  Statutory obligations and general duties of care; employers and employees duties; risk assessment; hazardous conditions and substances.
- Environmental Management (Overview):
  General principles of environmental management; sustainability and waste management.
- Quality management and customer service:
  General principles of quality management and customer service; measuring performance and continual improvement.
- Insurance and Fire and Smoke damage:
  Covered perils; essential claims information.
- Combustion science:
  Oxidation and combustion; definition of terms; classifications of smoke and smoke residues.
- Physics of smoke transport:
  Physics of smoke transport (temperature gradients, pressure differentials, building design and environmental conditions)
- Classifications of loss and damage:
  Classifications of smoke and smoke residues; categories of damage (actual burn, heat, smoke and latent).
- Effects of fire and smoke damage:
  Effects of damage (chemical, biological and physical damage);primary, secondary and tertiary damage.
- Project management in general:
  Principles of project management; project communication; preventing project risk.
- Inspections and reports:
  Inspection methodology; sampling and assessment; required information;pre-existing conditions.
- Contamination and completion reports:
  Contamination profiling; completion reports (clearance, project)
- Mitigation and Remediation:
  Triage assessment; key stages in mitigation; recommending restoration; odour science and remediation (overview)
- Equipment, materials and chemicals:
  Fire and smoke damage restoration equipment, materials and chemicals and their applications
- Decontamination and cleaning:
  Cleaning science (overview); general principles of cleaning; restoration agents and pH; principles of ‘test cleaning’ and ‘pre cleaning’; general principles of odour perception and control.

Pricing*

1-4 on a course £478 + VAT pp

4+ on a course £458 +VAT pp

*We are able to train these courses at a location of your choice. Please note all costs incurred on the day are at your cost including hire fees, refreshments and overnight accommodation. We also require a minimum of 10 persons to attend any off-site training. Travel and subsistence for the trainer is usually charged at £250 per night (which include the night prior to the course and the last day of the training).

To book your place on the next course, please contact Dawn Brumpton 01427 782 994 or email info@dewpointprofessional.co.uk

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