



TRAINING THAT DEVELOPS
REAL CAPABILITY



CompEx Foundation (ExF) Explosive
Atmospheres

HS043

CompEx Foundation (ExF) Explosive Atmospheres

The CompEx Foundation (ExF) qualification has been designed to provide an introduction into potentially explosive or flammable environments where gases, vapours and dust can form a hazardous atmosphere. The course provides delegates with an understanding of the regulations, directives and standards associated with locations that contain hazardous atmospheres.

Delegates will receive an overview of hazardous area classification, safe working practices and basic protection concepts used for certifying Ex equipment.

This theory-only course is suitable for *technical* and *non-technical* personnel who require a basic understanding of hazardous work areas, or who wish to develop their knowledge before undertaking more technical CompEx qualifications. It is applicable to large Pharmaceutical and Medical Device manufacturers or any companies with explosive atmospheres. (This course replaces the ATEX Safety, Health and Welfare at Work (General Application) Regulations 2007 training programme)



Duration & Price

Duration: 2 days

Public Virtual Training: €495 + €100 fees

Delivery mode: This programme is available In-Company, and via Public Virtual Training

Dates & Locations

Date

20 - 21 Oct 2025

Venue

Virtual

[Book Date](#)

In-Company Training

Please [contact us](#) for more information on our In-Company training options

What's covered?

The Foundation (ExF) (Explosive Atmospheres) CompEx Certified course provides candidates with an understanding of the regulations, directives and standards associated with locations containing hazardous atmospheres. These include EU Legislation and its corresponding Irish Legislation.

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This is a theory-only course offering a basic understanding of hazardous work areas. Candidates will receive an overview of hazardous area classification, safe working practices and basic protection concepts used for certifying Ex equipment.

Who should participate?

This qualification is suitable for non-technical personnel who require an understanding of basic Ex principles, and recently qualified technicians who wish to develop their knowledge before undertaking more technical CompEx qualifications. Non- Technical personnel may attend, to gain an understanding of basic Ex principles, but please note sitting the exam may prove to be difficult.

What will I learn?

Candidates that successfully complete the CompEx Foundation qualification will be able to:

- Identify the correct national regulations, directives, and IEC standards which relate to hazardous areas.
- Demonstrate a basic knowledge of the main protection concepts, categories and protection levels that apply to equipment certified for use in hazardous areas.
- Recognise the elements that make up a hazardous atmosphere and the precautions required.
- Identify the correct descriptors used for criteria that classify a hazardous gas, vapour or dust location.

What are the entry requirements?

All candidates, both new and existing CompEx candidates, are required to register themselves onto the CompEx system prior to confirmation of booking on the course (instructions will be provided)

English Language Competency - A good standard of written and spoken English is important to engage effectively with this programme. While formal certification (e.g. IELTS) is not required, learners whose first language is not English should have a self-assessed proficiency equivalent to IELTS 5.5–6.0 or CEFR level B2. This level of competence will support learners in understanding course materials, contributing to discussions, and completing assessments where applicable.

How will I be assessed?

Candidates undertake an online multiple-choice examination which comprises of 30 questions over 45 minutes. This is completed at the end of Day 2. It is highly advisable to study for the exam between day 1 and day 2. Study time will also be allocated on Day 2.

Please note, delegates require a laptop for the examination. The exam will be recorded as per CompEx requirements for remote invigilation.

Successful candidates will receive an internationally recognised CompEx Certificate for Foundation in Hazardous Awareness.

Tutors



Peter Fleming

[View Profile](#)

What Our Learners Say

We believe in excellence through transparency and continuous improvement. That's why we invite all our delegates to share their experiences on [CourseCheck.com](https://www.coursecheck.com), an independent platform dedicated to genuine, unfiltered feedback. Learner insights help us not only to enhance our training programmes but also empower potential learners to make informed decisions. Click on the link below to read firsthand experiences and testimonials from past learners.



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