

Advantages of ExELECT

- Complies with European directives for occupational safety education (certificate provided)
- Creates an unforgettable experience for participants
- Makes safety information interesting and exciting by actively involving participants
- Raises employee awareness of explosive risks
- Can contribute to fewer work related injuries and incidents

**ExELECT is a scalable portfolio of courses . . .
. . . intensive hands-on practice for participants**

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Stay in control . . .

Experimental Explosion Lecture

Crackling flames. The boom of exploding particles. The acrid smell of sulphur . . .

Once you experience a live explosion, you will never forget it. You walk away with a healthy respect for the potential hazards in your workplace. And a better understanding of how to prevent these accidents from happening in the first place.

The Experimental Explosion Lecture (ExELECT) provides an unforgettable educational experience for participants.



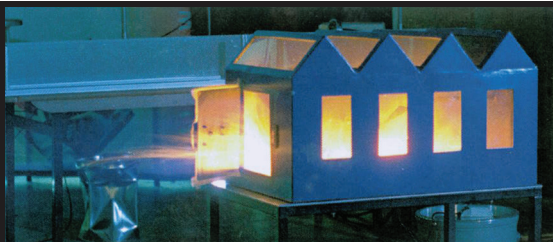
An unforgettable educational experience

ExElect puts on an exciting and entertaining live demonstration of real explosions in a lab environment. Attendees are actively involved in the sessions. It's a very effective way to raise people's awareness of explosive materials. Participants over the years have said that the demonstration woke them up to the risks in their workplace and made a very deep impression on them.



How to prevent accidents

At the end of the course, you will have a clear understanding of the risks involved in working with flammable or explosive materials. You can identify sources of ignition, the influence of geometry, confinement and other environmental risk factors. You will also know what safety precautions you can take to prevent explosive incidents.



**Customised
for your
organisation**

Who should attend

- People who work around chemicals, gases and other materials
- Technicians, supervisors, engineers, quality managers or safety, health and environmental managers at manufacturing plants
- Staff who formulate policy, implement plans or influence procedures that are part of an employee safety program

All of these people need to stay on top of current safety requirements, regulations and accepted safe working practices.

What you will experience

- Physical and chemical explosions
- What happens when a pressurized liquid goes above its boiling point
- How different kinds of vapours behave under different conditions
- What an implosion looks like
- A dust explosion

ExElect is a scalable portfolio of demonstrations, carried out at any location with the proper facilities:

- **ExElect Basic:**
This is a short course demonstrating experiments as part of your safety event.
Duration: 2 hours
- **ExElect Full Workshop:**
This is a complete overview of the most common process safety subjects, explained by means of live demonstrations, theoretical background and discussion.
Duration: 4 hours
- **ExElect Custom:**
This is a workshop consisting of subjects of choice that apply to the needs of your organisation.

We encourage the use of examples from your real life practice - for that, your input is appreciated. An intake interview to prepare your tailored workshop is part of the service.