

SAFE WORKING WITH STAGE PYROTECHNICS

What is the course?

This fit-for-purpose course is specifically designed for the international, live entertainment market, providing comprehensive preparation for both new and existing professionals.

Delivered by expert trainers and taught over 2 days, participants will gain the knowledge, skills, and confidence to safely and effectively handle pyrotechnics, setting a new benchmark of competency in line with recognised standards such as NFPA 1126.

Through rigorous training and hands-on practice, this course ensures participants meet global industry standards for safety and professionalism.

Delivery Mode:

- In-person classroom theory and practical workshops.

Target Audience

- Experienced Technicians and Operators seeking certification.
- Aspiring Pyrotechnic Technicians who wish to undertake formal training.
- Those who manage, coordinate or inspect pyrotechnics activities, for e.g. Event Managers and Safety Officers.
- Professionals in Live Entertainment and Event Production.

Pre Requisites

- Basic knowledge of stage pyrotechnics and their use in the entertainment sector.
- Basic literary and IT skills.

Learning Aims

- To provide learners with a comprehensive understanding of best practice for the safe use of pyrotechnics in the entertainment sector.

Learning Objectives

- Understand the history and context of stage pyrotechnics for use within the entertainment sector.
- Identify the constituent parts of a pyrotechnic article, the main types of product used in entertainment, and the potential hazards of these.
- Understand regulatory frameworks and best practice guidance that relate to the use of stage pyrotechnics in the UK, EU, US & KSA markets.
- Recognise engineering features of stage pyrotechnics control hardware and software, and the required competencies to use these.
- Understand the role of the Stage Pyrotechnician in relation to safe use of products.
- Demonstrate the identification, preparation and application of required occupational control measures by installing and operating stage pyrotechnics in a simulated entertainment environment.



Approved
training
provider
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COURSE SCHEDULE

DAY ONE

10:00	Module 1	What Are Stage Pyrotechnics?	Classroom
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11:15	Module 2	International Laws & Guidance 11:45 - Break	Classroom
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12:00	Module 3	Handling & Storage 12:45 - Lunch provided in Boardroom	Studio Room
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13:30	Module 4	Role & Duties of a Stage Pyrotechnician 14:45 - Break	Classroom
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15:00	Module 5	Designing & Planning The Show 16:00 - End of Day	Studio Room

DAY TWO

10:00	Module 6	Creating a Safety Plan 11:20 - Break	Classroom
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11:35	Module 7	Loading & Unloading Pyrotechnic Articles - Workshop 12:45 Lunch provided in Boardroom	Studio Room
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13:30		Executing a Stage Pyrotechnic Display Workshop & Practical Assessment 14:45 - Break	Studio Room / Outdoor Space
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15:00		Written Assessment 15:45 - End of Day	Classroom

ASSESSMENTS

Practical Assessment

Trainer describes the specific scenario that the learners are expected to execute safely. This will involve the setup and use of 2 pyro boards and approximately 20 products, and control measures to operate safely.

30 minutes setup time

Learners will then be asked to demonstrate their installation and explain to the assessor various aspects of the installation, related to the criteria being assessed.

Written Assessment

20 multiple choice and 4 open questions. Learners have 45 minutes to complete the test. Once a learner has completed their paper, they should hand it to the trainer and leave the room until the whole group has finished the test.

Learners are advised to make notes throughout the course.

Only learner notes are allowed in the test, no course materials or electronic devices.