



HARNESS THE POWER
OF KNOWLEDGE

**Training on Automated
Extinguishing System by Powder,
by CO2, by Sprayed Water Using
Software**

TRAIN



Introduction

Automated extinguishing systems are critical components of fire safety, providing rapid and effective fire suppression in a variety of industrial and commercial settings

Powder, CO₂, and sprayed water are some of the most common extinguishing agents used in these systems. This comprehensive 5-day training program, delivered by Global Business Minds, will equip participants with the knowledge and skills to design, install, and maintain automated extinguishing systems using these extinguishing agents.

Day 1: Fundamentals of Automated Extinguishing Systems

- Overview of automated extinguishing systems and their components
- Understanding the different types of extinguishing agents and their applications
- Familiarization with fire detection and alarm systems
- Exploration of automated extinguishing system design principles and standards

Day 2: Powder Extinguishing Systems

- Understanding the properties and operating principles of powder extinguishing agents
- Designing and sizing powder extinguishing systems
- Installing and commissioning powder extinguishing systems
- Inspecting and maintaining powder extinguishing systems

Day 3: CO₂ Extinguishing Systems

- Understanding the properties and operating principles of CO₂ extinguishing agents
- Designing and sizing CO₂ extinguishing systems
- Installing and commissioning CO₂ extinguishing systems
- Inspecting and maintaining CO₂ extinguishing systems

Day 4: Sprayed Water Extinguishing Systems

- Understanding the properties and operating principles of sprayed water extinguishing agents
- Designing and sizing sprayed water extinguishing systems
- Installing and commissioning sprayed water extinguishing systems
- Inspecting and maintaining sprayed water extinguishing systems

Day 5: Software for Automated Extinguishing Systems

- Overview of software used in the design, installation, and maintenance of automated extinguishing systems
- Demonstrations of common software features and functionality
- Hands-on exercises in using software to design and simulate automated extinguishing systems

Target Audience

This training program is designed for engineers, technicians, and professionals involved in the design, installation, maintenance, or operation of automated extinguishing systems.

It is particularly beneficial for those working in industrial automation, process control, and fire safety environments.

Training Methodology

The training will employ a combination of lectures, interactive discussions, hands-on exercises, and real-world case studies to provide a comprehensive and practical learning experience.

Participants will have the opportunity to learn about the latest technologies and trends in automated extinguishing system design and implementation.

Learning Outcomes:

Upon completion of this training program, participants will be able to:

- Demonstrate in-depth knowledge of automated extinguishing systems, including their components, design

principles, and standards

- Design, size, install, and commission powder, CO₂, and sprayed water extinguishing systems
- Inspect and maintain automated extinguishing systems to ensure their reliability
- Use software to design and simulate automated extinguishing systems

Certificate Delivered by Global Business Minds:

- Certificate of Completion in Automated Extinguishing System by Powder, by CO₂, by Sprayed Water Using Software