



HEALTH, SAFETY AND SECURITY TRAINING

Fire Safety Management, Detection and Alarm Systems

3 day course

Classroom, online or in-house

Course overview

Fire safety is bought as equipment and delivered as a certificate, while the things that decide an outcome are whether people recognise an alarm, know the route, and leave immediately rather than finishing what they were doing. This course covers both the systems and the response. Delegates work through fire behaviour and the growth rate that determines how much time is actually available, fire risk assessment and the ignition sources and fuel loads a site carries, and prevention through housekeeping, hot work and electrical condition. Detection technology is covered with what each type suits and its false alarm behaviour. Alarm, suppression and compartmentation follow. Evacuation planning, drills and assisting people who cannot use stairs are addressed. The course closes on maintenance, testing and the false alarm problem that teaches people to ignore alarms.

What you will learn

- Explain fire behaviour and how growth rate limits available time
- Conduct a fire risk assessment covering ignition sources and fuel load
- Control housekeeping, hot work and electrical ignition risk
- Select detection technology suited to the space and its false alarm behaviour
- Apply suppression and compartmentation appropriately
- Plan evacuation, run drills and assist people who cannot use stairs
- Maintain and test systems, and address chronic false alarms

Who should attend

- Facilities and building managers
- Fire safety officers and marshals
- HSE coordinators
- Security personnel
- Health and safety committee members

Course outline

- 01 Equipment bought, response untested
- 02 Fire behaviour and growth rate
- 03 Fire risk assessment
- 04 Ignition sources, fuel load and housekeeping
- 05 Hot work and electrical risk
- 06 Detection technology and false alarms
- 07 Alarm, suppression and compartmentation
- 08 Evacuation, assisted escape, testing and maintenance

Upcoming dates

Dates	Venue	Format	Fee per delegate
2 to 4 November 2026	Online	Online	R6,500
16 to 18 November 2026	Cape Town, South Africa	Classroom	R14,950
30 December 2026 to 1 January 2027	Durban, South Africa	Classroom	R14,950
11 to 13 January 2027	Johannesburg, South Africa	Classroom	R14,950



Fees and how to register

This 3 day course is **R6,500** per delegate online, **R14,950** in the classroom in South Africa, Botswana, Namibia, Lesotho and Eswatini, and **USD 995** in the classroom elsewhere in Africa. In-house training is quotation on request. Book 2 or more delegates on this course and save 10%.

To register or request an in-house proposal, visit www.afrisciencegroup.com, email info@afriScience.co.za, or WhatsApp us on **+27 63 479 1136**.

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