# CFPA EUROPE®

## FIRE PREVENTION, SECURITY AND NATURAL HAZARDS TRAINING


# 2024

# Index

# 1

# General Information about the Confederation of Fire Protection Associations (CFPA-E)

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| **Foundation date** | 1974 |
| **Website** | www.cfpa-e.eu |
| **Current members** | 24 European countries have members in CFPA Europe:<br>• Albania: AFPRA www.afpra.al & T.Velaj<br>• Austria: BVS, www.bvs-ooe.at<br>• Belgium: ANPI, www.anpi.be<br>• Czech Republic: Majaczech www.majaczech.cz<br>• Denmark: DBI, www.dbi-net.dk<br>• Estonia: P.Kalas<br>• Finland: SPEK, www.spek.fi<br>• France: CNPP, www.cnpp.com/eng/<br>• Germany: VdS, www.vds.de; vfdb, www.vfdb.de<br>• Greece: ELIPYKA, www.elipyka.org<br>• Iceland: B.Karlsson<br>• Italy: AIAS, www.networkaias.it<br>• Netherlands: VdS Nederland, www.vds-nederland.nl<br>• North-Macedonia: Z.Kochoski<br>• Norway: NBF, www.brannvernforeningen.no<br>• Poland: SITP, www.sitp.home.pl<br>• Portugal: APSEI, www.apsei.org.pt<br>• Serbia: B.Vidakovic<br>• Slovenia: SZPV, www.szpv.si<br>• Spain: CEPREVEN, www.cepreven.com<br>• Sweden: Brandskyddsföreningen, www.brandskyddsforeningen.se & Stöldskyddföreningen, www.stoldskyddsforeningen.se<br>• Switzerland: Swiss Safety Center AG, www.safetycenter.ch<br>• Turkey: FPPA www.fppa.org.tr<br>• United Kingdom: FPA, www.thefpa.co.uk |

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| **Aims** | • By sharing experience, research, technical know-how, and fire statistics, CFPA-E aims to raise standards and to maximize the effectiveness of fire science, fire prevention & protection, safety & security, natural hazards and other associated risks and reduce fire losses throughout Europe. |
| **Achievements** | • 2010: CFPA International (CFPA-I) was granted Roster Consultative Status to United Nations Economic & Social Council (ECOSOC) NGO Branch |

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| **Structure** | **Management Committee**<br>• Chairman<br>• 2 Vice chairmen<br>• Training Commission chairman<br>• Guideline Commission chairman<br>• Security Commission chairman<br>• Marketing + Information Commission chairman<br><br>**General Assembly**<br>• Held annually |
| **CFPA-E**<br>**Commissions** | • Training Commission<br>• Guidelines Commission<br>• Security Commission<br>• Marketing + Information Commission |
| **CFPA-E**<br>**Resources** | The Confederation has extensive resources within its membership. Its range of resources includes:<br>• Engineers and technicians in the fields of fire prevention, security, arson and environmental problems<br>• Test laboratories<br>• Expertise in documentation, information and publishing<br>• Facilities and skills in education and training<br>• Inspection and audit services<br>• Advisors in the fields of consultancy |
| **CFPA-E**<br>**members are** | • Members of the Confederation of Fire Protection Associations International (CFPA-I).<br>  • CFPA-I is a body of 30 leading national fire protection organizations from around the world |

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| **CFPA-E**<br><br>**Activities** | **Partners:**<br>• European Network of Safety and Health Professional Organisations (ENSHPO)<br><br>**are linked to the work of:**<br>• the European Commission<br>• the CEN/CENELEC standards activity<br>• EURALARM and EUROFEU<br>• Insurance Europe<br>• the Comité Technique International du Feu (CTIF)<br>• the European Group of Fire Test Laboratories (EGOLF) |
| **CFPA-E**<br><br>**Activities recognized by Organisations** | • The Insurance Europe/Prevention Forum has recognized the training programme for fire prevention developed by the Training Commission of CFPA-E as part of a framework to improve fire prevention in undertakings.<br>• The National Insurers Associations support the training programme developed by their Prevention Organisations (usually members of CFPA-E) and the Training Commission of CFPA-E |

## Training Commission

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| **Aims** | • The Training Commission develops a structured programme of training syllabuses with the aim of providing pan-European harmonized qualifications for professionals in the field of fire science, fire prevention & protection, safety & security and natural hazards (see chapter 6 Annex: CFPA-E Courses). |
| **Objectives** | • Staff trained on fire safety, security and natural hazards will be able to stop fires starting, minimise the impact of a fire event, improve the safety and security at their workplace and therefore prevent the consequent loss of life and destruction of property and businesses |
| **Achievements** | • 1994: Start of the CFPA-E training programme. The Training Commission agrees on the syllabus for the course «Fire Safety – Technical Cycle» (Fire Protection Manager CFPA-E). It is launched as a Diploma course. Currently being delivered in 11 CFPA-E member countries.<br>• 2010: the Training Commission agrees upon a Minimum Quality Standard in order to further improve the high standard of training in the delivery of the CFPA-E courses in the member countries (see: http://www.cfpa-e.eu/training.asp). All CFPA-E countries which use the CFPA-E logo for training (courses & examinations) and issue CFPA-E attests, certificates and diplomas have to adhere to this minimum quality standard.<br>• 2024: CFPA-E has a portfolio of 14 Diploma courses, 11 Certificate courses and 16 Attest courses (see CFPA-E Courses Organised in Countries, p. 13) |
| **Duration and Examination of CFPA-E courses** | • Diploma course: minimum of 5 days, written examination plus a case study presented in writing or orally.<br>• Certificate course: 1–5 days recommended, written examination<br>• Attest course: 1–5 days recommended, no examination |

## Guidelines Commission

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| **Aims** | • By sharing experience, research, technical know-how, and fire statistics, the Guideline Commission aims to maximise the effectiveness of fire prevention and natural hazards and foster improved European fire safety codes and standards<br>• It develops guidelines and presents recommendations for particular aspects of fire prevention & protection, safety & security and natural hazards related to problems of mutual concern (see chapter 5 Annex: Ratified CFPA-E Guidelines). |
| **Objectives** | • Users of the guidelines will be able to state the principal causes of fire and natural hazards and to minimise the consequent loss of life and destruction of property and businesses. |
| **Achievements** | • 2001: The Guidelines Commission starts its work.<br>• 2002: The first Guideline «1:2002 Internal fire protection control» is ratified by the CFPA-E members.<br>• 2024: Currently there are 41 ratified fire protection guidelines and 10 natural hazards guidelines |

## Security Commission

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| **Aims** | • By sharing experience, research, technical know-how, and security statistics, the Security Commission aims to maximise the effectiveness of security measures and foster improved European security codes and standards.<br>• The Security Commission develops guidelines and training programmes for security related aspects. |
| **Objectives** | • Staff using the security guidelines will be able to maximise the effectiveness of security measures. |
| **Achievements** | • 2006: The Security Commission starts its work.<br>• 2024: Currently there are 3 Diploma and 5 Attest courses and 11 ratified guidelines related to security. |

## Marketing + Information Commission

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| **Aims** | • The aim of the CFPA-E information activities is to position fire science, fire prevention & protection, safety & security, natural hazards and other associated risks as relevant issues within the general risk management.<br>• Raise the level of public and commercial awareness of the hazards of fire, safety, security and natural perils. |
| **Achievements** | • 1994: The annual Leaflet informing about CFPA-E and its training activities is launched.<br>• 2006: Website www.cfpa-e.eu goes live.<br>• 2011: All diploma and certificate holders of all diploma and certificate courses from all CFPA-E member countries are published on the website (http://www.cfpa-e.eu/training.asp).<br>• 2013: Relaunch of website |

# 2

# Course Index

# 2 Course Index

# 2 CFPA-E Courses Organised in Countries

| Number | Course | Optional subtitle of recognition | Level of learning | Course Duration in Hours (minimum) | CFPA Level | Austria | Belgium | Czech Republic | Denmark | Finland | France | Germany | Greece | Italy | Norway | Portugal | Serbia | Slovenia | Spain | Sweden | Switzerland | Turkey | UK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.1 | Fire Safety – Management Cycle | Fire Safety Manager CFPA-E | 6 | 60 | Dipl. | | | | | | ✓ | ✓ | | | | | | | | ✓ | | ✓ | ✓ |
| 1.2 | Fire Safety – Technical Cycle | Fire Protection Manager CFPA-E | 5 | 75 | Dipl. | ✓ | | | ✓ | | ✓ | ✓ | | ✓ | | ✓ | | | ✓ | ✓ | ✓ | ✓ | ✓ |
| 1.3 | Fire Risk Management | Fire Risk Manager CFPA-E | 4 | 30 | Dipl. | | | | | | | ✓ | | | | | | | | | | ✓ | ✓ |
| 1.4 | Fire Risk Assessment | Fire Risk Assessor CFPA-E | 4 | 30 | Dipl. | | | | | | | | | | | | | | | ✓ | | ✓ | ✓ |
| 1.5 | Fire Safety and Security: Museums and Historical Premises Specialist | Fire Safety Specialist for Museums and Historical Premises CFPA-E | 4 | 30 | Dipl. | | | | | | ✓ | | | | | | | | | | | | |
| 1.6 | Fire Safety and Security: Shopping Centres Specialist | Fire Safety Specialist for Shopping Centres CFPA-E | 4 | 30 | Dipl. | | | | | | | | | | | | | | | | | | |
| 1.7 | Performance Based Design for Fire Safety | Performance Based Design Reviewer CFPA-E | 5 | 90 | Dipl. | | | | | | | | | | | | | | | | | | ✓ |
| 1.8 | Explosion Protection Manager | Explosion Protection Manager CFPA-E | 3 | 30 | Dipl. | | | | | | ✓ | | | | | | | | | ✓ | ✓ | | |
| 1.9 | Thermography of Electrical Installations | Thermography Specialist CFPA-E | 3 | 30 | Dipl. | | | | | | | ✓ | | | | | | | | | | | |
| 1.10 | Risk Management of Natural Hazards | Risk Manager of Natural Hazards CFPA-E | 4 | 30 | Dipl. | | | | | | | | | | | | | | | | ✓ | | |
| 1.11 | Risk Management of Technical Safety | Risk Manager of Technical Safety CFPA-E | 4 | 30 | Dipl. | | | | | | | | | | | | | | | | ✓ | | |
| 1.12 | Principles of Fire Safety Engineering | | 3 | 30 | Cert. | | ✓ | | | | | | | | | | | | | | ✓ | | ✓ |
| 1.13 | Principles of Fire Safety at Work | Fire Safety Coordinator CFPA-E | 4 | 18 | Cert. | | | | | ✓ | | | | ✓ | ✓ | | | | | ✓ | ✓ | | ✓ |
| 1.14 | Maintenance of Portable Fire Extinguishers | Portable Fire Extinguisher Maintenance Technician CFPA-E | 3 | 24 | Cert. | | | | | ✓ | ✓ | | | | ✓ | ✓ | | | | | | | ✓ |
| 1.15 | Explosion (Prevention and protection in places where explosive atmospheres may occur) | Explosion Protection Officer CFPA-E | 2 | 12 | Cert. | | | | ✓ | | | ✓ | | ✓ | | ✓ | | | | ✓ | ✓ | | ✓ |
| 1.16 | Classification of Explosive Hazardous Areas | Classification of Explosive Hazardous Areas Officer CFPA-E | 3 | 12 | Cert. | | | | | | | | | | | | | | | ✓ | | ✓ | |
| 1.17 | Fire Safety in Tranformation Facilities | Fire Safety Officer of Transformation Facilities CFPA-E | 3 | 12 | Cert. | | | | | | | | | | | | | | ✓ | | | | |
| 1.18 | Operator of Stationary Fire Protection Systems and Fire Extinguishers Containing Flourinated Greenhouse Gases | Operator of Fluorinated Fire Protection Systems CFPA-E | 3 | 12 | Cert. | | | | | | | | | | | | | | ✓ | | | | |
| 1.19 | Hot Works | Hot Works Operative CFPA-E | 2 | 6 | Cert. | | | ✓ | ✓ | ✓ | | ✓ | | | | ✓ | ✓ | ✓ | | ✓ | | ✓ | ✓ |
| 1.20 | Fire Safety during Construction Works | Construction Works Fire Safety Coordinator CFPA-E | 3 | 6 | Cert. | | | | | | | | | | | | ✓ | | | ✓ | | ✓ | ✓ |
| 1.21 | Installation and Inspection of Products for Passive Fire Protection in Buildings | Passive Fire Protection Officer CFPA-E | 3 | 12 | Cert. | | | ✓ | | | | | | | | | ✓ | ✓ | ✓ | | ✓ | | ✓ |

| Number | Course | Optional subtitle of recognition | Level of learning | Course Duration in Hours (minimum) | CFPA Level | Austria | Belgium | Czech Republic | Denmark | Finland | France | Germany | Greece | Italy | Norway | Portugal | Serbia | Slovenia | Spain | Sweden | Switzerland | Turkey | UK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.22 | Fire Protection Management System | | 2 | 6 | Attest | | | | | | | | | | | ✓ | ✓ | | | | | | |
| 1.23 | Basic Fire Fighting & Fire Prevention | Fire Warden CFPA-E | 2 | 6 | Attest | | | ✓ | | | | ✓ | | | | ✓ | ✓ | | | | | ✓ | ✓ |
| 1.24 | Introduction to the Management of Hotel Fire Safety | Management of Hotel Fire Safey CFPA-E | 4 | 6 | Attest | | | | | | | | | | ✓ | ✓ | | | | | | | |
| 1.25 | Evacuation Steward | Evacuation Steward CFPA-E | 2 | 6 | Attest | | | | | | | ✓ | | | | ✓ | ✓ | | | | ✓ | ✓ | |
| 1.26 | Business Continuity Planning | Business Continuity Planner CFPA-E | 4 | 12 | Attest | | | | | | | | | | | ✓ | | | | ✓ | ✓ | | |
| 1.27 | Sprinkler System: Basic Course | | 3 | 12 | Attest | | | | | | | ✓ | | | | | | | | | | | ✓ |
| 1.28 | Sprinkler Operator | Sprinkler Operator CFPA-E | 2 | 12 | Attest | | | | | ✓ | | ✓ | | | | | | | | | | | |
| 1.29 | Gas System Operator | Gas System Operator CFPA-E | 2 | 12 | Attest | | | | | | | ✓ | | | | | | | | | | | |
| 1.30 | Fire Detection and Alarm Systems Operator | Fire Alarm Systems Operator CFPA-E | 2 | 6 | Attest | | | | | ✓ | | ✓ | | | | | ✓ | | | | | | ✓ |
| 1.31 | Introduction to Thermography | Thermography Assistant CFPA-E | 3 | 18 | Attest | | | | | | | ✓ | | | | | | | | | | | |
| 1.32 | Certificated Security Manager | Certificated Security Manager CFPA-E | 6 | 90 | Dipl. | | | | ✓ | | ✓ | | | | | | | | | | | | |
| 1.33 | Security – Management Cycle | Security Manager CFPA-E | 6 | 30 | Dipl. | | | | ✓ | | ✓ | ✓ | | | | ✓ | | | | | ✓ | | |
| 1.34 | Security – Technical Cycle | Security Coordinator CFPA-E | 5 | 30 | Dipl. | | | | | | ✓ | ✓ | | | | ✓ | | | | | ✓ | | |
| 1.35 | Management of Key and Access Systems | Key Systems Coordinator CFPA-E | 3 | 6 | Attest | | | | | | | ✓ | | | | | | | | | | | |
| 1.36 | Perimeter Protection Systems | | 3 | 12 | Attest | | | | | | | ✓ | | | | ✓ | | | | | | | |
| 1.37 | Fire Investigation | | 5 | 30 | Cert. | | | | | | ✓ | | | | | | | | | | | | |
| 1.38 | Physical Security Techniques | | 3 | 18 | Attest | | | | | | | ✓ | | | | | | | | | | | |
| 1.39 | CCTV Systems | | 3 | 18 | Attest | | | | | | | ✓ | | | | ✓ | | | | | | | |
| 1.40 | Intruder Alarm Systems | | 3 | 18 | Attest | | | | | | | ✓ | | | | | | | | | | | |
| 1.41 | Smoke and Heat Exhaust Systems Operator | Natural SHEVs Operator CFPA-E | 2 | 6 | Attest | | | | | | | ✓ | | | | | | | | | | | |
| 1.42 | Incident Investigation and Root Cause Analysis | | 2 | 6 | Attest | | | ✓ | | | | | ✓ | | | | | | | | | ✓ | |
| 1.43 | Lithium-ion Batteries Fire Protection | | 2 | 6 | Attest | | | | | | | | | | | | | | | | | | |
| 1.44 | Risk Management of Hazardous Materials | Risk Manager of Hazardous Materials | 4 | 30 | Dipl. | | | | | | | | | | | | | | | | | | |
| 1.45 | Introduction to the Management of Hospital Fire Safety | Management of Hotel Fire Safety CFPA-E | 4 | 6 | Attest | | | | | | | | | | | | | | | | | | |
| | For contact details for countries running CFPA-E courses see p. 85 | | | | | | | | | | | | | | | | | | | | | | |

# 3

# Members of the Training, Guidelines, Security, Natural Hazards and Marketing + Information Commissions

| CFPA-E Member | Training Commission | Security Commission | Fire Safety Commission | Natural Hazards Group | Marketing and Information Commission |
|---|---|---|---|---|---|
| **ALBANIA**<br>TRAJF<br>Tirana<br>Zalli Street, Selitë | | | | | |
| **AUSTRIA**<br>BVS – Brandverhütungs-stelle für Oö. registrierte Genossenschaft m.b.H.<br>Petzoldstraße 45,<br>Linz 4020 | Wolfgang Neumüller<br>Email : w.neumueller@bvs-ooe.at<br>Phone : +43 732 7617-327 | | | Hans Starl<br>Email: h.starl@elementarschaden.at<br>Phone: +43 (0)732 7617 874 | Lisa Janout<br>Email : l.janout@bvs-ooe.at<br>Phone : 0043 732 7617-844 |
| **BELGIUM**<br>ANPI, Parc scietifique Fleming, Granbonpré 1,<br>B-1348 Louvain-la-Neuve | Alain Verhoyen<br>Email: info@anpi.be | Christopher Boon<br>Email: Christopher.boon@anpi.be<br>Phone: +3210475241 | Christopher Boon<br>Email: Christopher.boon@anpi.be<br>Phone: +3210475241 | | Alain Verhoyen<br>Email: info@anpi.be |
| **CZECH REPUBLIC**<br>GIT Global Innovation Technologies,prazakova 1008/69 Styrice,<br>CZ-Brno 639 00<br>MAJACZECH<br>Bílé Poličany 1,<br>544 52 Bílé Poličany | Jan Smolka<br>Email: jan.smolka@majaczech.cz<br>Phone: +420 602 763 321<br>E-Mail: info@git-eu.org | | Kamila Kempná<br>Email: kamila.kempna@majaczech.cz<br>Phone: +420 777 512 424 | Kamila Kempná<br>Email: kamila.kempna@majaczech.cz<br>Phone: +420 777 512 424 | Kamila Kempná<br>Email: kamila.kempna@majaczech.cz |
| **DENMARK**<br>DBI, Jernholmen 12,<br>DK-2650 Hvidovre | Pia Mark<br>Email: pma@brandogsikring.dk<br>Phone: ++3634 9000<br>Direkte: +51647871 | Jesper Florin<br>Email: jfl@dbigroup.dk<br>Phone: +45 36 34 90 00 | Brian Vestergaard Jensen<br>Email: bvj@brandogsikring.dk<br>Phone: +45 36 34 90 00 | | Søren Rønning<br>Email: sro@dbigroup.dk<br>Phone: +45 50 69 50 99 |
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| CFPA-E Member | Training Commission | Security Commission | Fire Safety Commission | Natural Hazards Group | Marketing and Information Commission |
|---|---|---|---|---|---|
| **FINLAND**<br>SPEK,<br>Ratamestarinkatu 11,<br>FIN-00520 Helsinki | Heli Salovaara<br>Email: heli.salovaara@spek.fi<br>Phone: +358 40 484 3822 | Lauri Lehto<br>Email: lauri.lehto@spek.fi<br>Phone: +358 40 358 3810 | Kari Telaranta<br>Email: kari.telaranta@spek.fi<br>Phone: +358406697729 | Annika Rinne<br>Email: annika.rinne@spek.fi | Helena Grönstrand<br>Email: helena.gronstrand@spek.fi<br>Phone: +358 44 746 5134 |
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| **GERMANY**<br>VdS Schadenverhütung GmbH,<br>Pasteurstr. 17a,<br>D-50735 Köln | Ingeborg Schlosser<br>Email: ischlosser@vds.de<br>Phone: +49 221 77 66 472 | Ingeborg Schlosser<br>Email: ischlosser@vds.de<br>Phone: +49 221 77 66-472 | Hardy Rusch<br>Email: hrusch@vds.de<br>Phone: +49 221 7766 524 | Mingyi Wang<br>Email: m.wang@gdv.de<br>Phone: +49302020-5356 | Ingeborg Schlosser<br>Email: ischlosser@vds.de;<br>Phone: +49 221 77 66-472 |
| **GREECE**<br>Elipyka<br>Hellenic Institute for the Fire Protection of Structures<br>Σωρού 22, Μαρούσι Αττικής ΤΚ<br>15125 Amaroussion | Dr. Yiannis Kontoulis<br>Email: yiannis.kontoulis@knaufinsulation.com<br>Phone: +30 69 45 85 67 68 | | Dr. Yiannis Kontoulis<br>Email: yiannis.kontoulis@knaufinsulation.com | Dr. Yiannis Kontoulis<br>Email: yiannis.kontoulis@knaufinsulation.com<br>Phone: +30 69 45 85 67 68<br>Phone: +30 211 710 7007<br>Dionysis Kolaitis<br>Email: dkol@central.ntua.gr | Dr. Yiannis Kintoulis<br>Email : yiannis.kontoulis@knaufinsulation.com<br>Phone : +302117107007<br>Maria Lazarimou<br>Email : mlazarimou@steelmet.vionet.gr |
| **ICELAND**<br>The Iceland Fire Authority,<br>Skulagata 21,<br>Reykjavík 101 | | | | | |
| **ITALY**<br>AAIAS Associazione professionale Italiana Ambiente e Sicurezza<br>Via Lodovico il Moro 17,<br>20143 Milano | | Anna Villani<br>Email: info.annavillani@gmail.com<br>Phone: +39 051.039.10.00 | Guido Zaccarelli<br>Email: guido.zaccarelli@studiozaccarelli.it<br>Phone: +39 335 8912 0081 | Anna Villani<br>Email: info.annavillani@gmail.com<br>Phone: +39 051.039.10.00 | Guido Zaccarelli<br>Email: guido.zaccarelli@studiozaccarelli.it<br>Phone: +39 335 8912 0081 |

| CFPA-E Member | Training Commission | Security Commission | Fire Safety Commission | Natural Hazards Group | Marketing and Information Commission |
|---|---|---|---|---|---|
| **NETHERLANDS**<br>VdS Nederland B.V.<br>P.O. Box 7 - 1200 AA<br>Hilversum | | | | | Hans de Jong<br>Email: hdejong@<br>vds-nederland.nl<br>Phone: +31 (0)35 7200100 |
| **MACEDONIA**<br>Kouzon Corporation<br>Str. Gjorche Petrov 1-1/45<br>Skopje | | | | Zoran Kochoski<br>Email: zoran@kouzon.<br>com.mk | |
| **NORWAY**<br>Norsk Brannvern Fore-<br>ning, Postboks 6754,<br>Etterstad, N-0609 Oslo | Line Hamre<br>Email: lh@<br>brannvernforeningen.no<br>Phone: +47 41105940 | | | | Monica Varan<br>Email: mv@<br>brannvernforeningen.no<br>Phone: +47 41105940 |
| **POLAND**<br>SITP – The Polish Associ-<br>ation of Fire Engineers and<br>Technicians<br>ul. Świętokrzyska 14<br>PL - 00-050 Warszawa | | | | | |
| **PORTUGAL**<br>APSEI – Associação Por-<br>tuguesa de Segurança<br>Rua Cooperativa A Saca-<br>venense, nº 25, C/F<br>2685-005 Sacavém | Monica Baeta<br>Email: monica.baeta@<br>apsei.org.pt<br>Phone: +351 219 527 851 | Bruno Pinto<br>Email: bruno.pinto@<br>apsei.org.pt<br>Phone: +351 219 527 849<br>Susana Casinha<br>Email: susana.casinha@<br>apsei.org.pt<br>Phone: +351 914 060<br>913 / +351 219 527 849 | Bruno Pinto<br>Email: bruno.pinto@<br>apsei.org.pt<br>Phone: +351 219 527 849 | | Monica Baeta<br>Email: monica.baeta@<br>apsei.org.pt<br>Phone: +351 219 527 849 |
| **SERBIA**<br>DITUR<br>Kneza Milosa 7a<br>YU 11000 Belgrad | | | | Barbara Vidakovic<br>Email: barbaravid7@<br>gmail.com<br>Mobile: + 381641245400 | |

| CFPA-E Member | Training Commission | Security Commission | Fire Safety Commission | Natural Hazards Group | Marketing and Information Commission |
|---|---|---|---|---|---|
| **SLOVENIA**<br>Slovensko zdruzenje za pozarno varstvo<br>Slovenian Fire Protection Association<br>Dimičeva 13<br>SI-1000 Ljubljana | Marcel Kalan<br>Email: marcel@szpv.si<br>Phone : +386 41 797930 | | Tomaz Hozjan<br>Email: tomaz.hozjan@fgg.uni-lj.si<br>Mobile: +386 1 4768 615 | Tomaz Hozjan<br>Email: tomaz.hozjan@fgg.uni-lj.si<br>Mobile: +386 1 4768 615 | Marcel Kalan<br>Email: marcel@szpv.si<br>Phone : +386 41 797930 |
| **SPAIN**<br>Centro Nacional de Prevención de Daños y Pérdidas (CEPREVEN)<br>Avda. General Perón, 27-5ª Planta<br>E-28004 Madrid | Mirna Rodríguez García<br>Email: mrodriguez@cepreven.com<br>Phone: +34 91 445 7566 | Mirna Rodríguez García<br>Email: mrodriguez@cepreven.com<br>Phone: +34 91 445 7566 | Miguel Vidueira<br>Email: mvidueira@cepreven.com<br>Phone: +34 914 457 381 | Miguel Vidueira<br>Email: mvidueira@cepreven.com<br>Phone: +34914457566 | Mirna Rodríguez García<br>Email: mrodriguez@cepreven.com<br>Phone: +34 91 445 7566 |
| **SWEDEN**<br>Brandskyddsföreningen<br>Swedish Fire Protection Association<br>Årstaängsvägen 21c<br>SE-11587 Stockholm | Pia Ljunggren<br>Email: pia.ljunggren@brandskyddsforeningen.se | Per Klingvall<br>Email: per.klingvall@stoldskyddsforeningen.se<br>Phone: +46 70-301 68 05 | Lars Brodin<br>Email: Lars.Brodin@brandskyddsforeningen.se<br>Phone: +46 8 588 474 16 | Lars Brodin<br>Email: Lars.Brodin@brandskyddsforeningen.se<br>Phone: +46 8 588 474 16 | Susanne Schocher<br>Email: Susanne.Schocher@brandskyddsforeningen.se<br>Phone: +46703189688 |
| **SWITZERLAND**<br>Swiss Safety Center AG<br>Richtistrasse 15<br>CH-8304 Wallisellen | Katharina Adelberger<br>Email: katharina.adelberger@safetycenter.ch<br>Phone: +41 44 877 62 78 | Peter Brun<br>Email: peter.brun@safetycenter.ch<br>Phone: +41 44 217 43 64 | Florian Zimmermann<br>Email: Florian.Zimmermann@safetycenter.ch<br>41 44 217 43 61 | Danie Filip<br>Email: Damien.Filip@safetycenter.ch | |
| **TURKEY**<br>FPPA, NTSS Egitim ve Danismanlik<br>Adr: DTM Tahran C. No:30 811-C Kavaklidere Ankara | Asuman Erkul<br>Email: asuman.erkul@ntss.com.tr<br>Phone: +90 312 911 0890 | Oguz Erkul<br>Email: oguz.erkul@ntss.com.tr<br>Phone: +90 312 911 0890 | | | |

# 3 Members of the Training, Guidelines, Security and Marketing + Information Commissions

| CFPA-E Member | Training Commission | Security Commission | Fire Safety Commission | Natural Hazards Group | Marketing and Information Commission |
|---|---|---|---|---|---|
| **UNITED KINGDOM**<br>Fire Protection Association,<br>London Road,<br>Moreton in Marsh,<br>UK-Gloucestershire<br>GL56 0RH | Luke Ventura<br>Email: lventura@<br>thefpa.co.uk | Dan Oakley<br>Email: doakley@<br>thefpa.co.uk | George Edwardes<br>Email: gedwardes@<br>thefpa.co.uk | John Briggs<br>Email: jbriggs@<br>thefpa.co.uk<br>Phone: +44 1608 812506<br>Fax: +44 1608 812501<br>Mobile +44 7834868570 | John Briggs<br>Email: jbriggs@<br>thefpa.co.uk<br>Phone: +44 1608 812506<br>Mobile +44 7834868570 |

# 4

# CFPA-E Europe – Diploma, Certificate and Attest

# CFPA-E Europe – Diploma Holders

| Country | CFPA Diploma | Diploma Holders | Diploma Holders |
|---|---|---|---|
| | | 01.01.1991 - 31.12.2023 | 01.01.2023 - 31.12.2023 |
| **Austria** | Fire Safety - Technical Cycle | 106 | 25 |
| **Belgium** | Fire Safety - Technical Cycle | 420 | 0 |
| **Denmark** | Fire Safety - Technical Cycle | 526 | 40 |
| | Security - Certificated Security Manager | 458 | 43 |
| | Security - Technical Cycle | 129 | 10 |
| **Finland** | Fire Safety - Technical Cycle | 587 | 0 |
| **France** | Fire Safety - Technical Cycle | 10.580 | 261 |
| | Fire Safety - Management Cycle | 580 | 28 |
| | Explosion Protection Manager | 23 | 8 |
| | Security - Technical Cycle | 1.514 | 68 |
| | Security - Management Cycle | 259 | 10 |
| | Thermografy | 404 | 0 |
| **Germany** | Fire Safety - Technical Cycle | 11103 | 77 |
| | Thermografy | 33 | 11 |
| | Fire Safety - Management Cycle | 385 | 13 |
| | Fire Safety - Risk Management | 196 | 12 |
| | Thermography of Electrical Installations | 93 | 11 |
| | Security - Technical Cycle | 1035 | 66 |
| | Security - Management Cycle | 516 | 14 |
| **Italy** | Fire Safety - Technical Cycle | 1264 | 3 |
| **Portugal** | Fire Safety - Technical Cycle | 68 | 0 |
| | Security - Technical Cycle | 82 | 0 |
| | Security - Mangement Cycle | 8 | 8 |
| **Spain** | Fire Safety - Technical Cycle | 519 | 47 |
| **Sweden** | Fire Safety - Technical Cycle | 526 | 20 |
| | Fire Safety - Risk Assessment | 375 | 20 |
| | Fire Safety - Management Cycle | 219 | 17 |
| | Explosion Protection Manager | 18 | 0 |
| **Switzerland** | Fire Safety - Technical Cycle | 1542 | 5 |
| | Risk Management of Natural Hazards | 3 | 1 |
| | Risk Management of Technical Safety | 14 | 5 |
| | Explosion Protection Manager | 33 | 11 |
| | Explosion Protection Officer | 24 | 24 |
| | Security - Certificated Security Manager | 114 | 9 |
| | Security - Technical Cycle | 436 | 32 |
| **United Kingdom** | Fire Safety - Technical Cycle | 761 | 36 |
| | Fire Safety - Management Cycle | 67 | 4 |
| | Fire Risk Assessment | 667 | 0 |
| **Total** | | **35.687** | **928** |

CFPAEUROPE®

CONFEDERATION OF FIRE PROTECTION ASSOCIATIONS (EUROPE)

Logo of the national association

This Diploma No ********** is awarded to

## Candidate Name

in recognition of having satisfied the requirements of the CFPA EUROPE syllabus and examination

## CourseName (CourseCode)

OptionalSubtitle

delivered by

## NameofAssociation

| | |
|---|---|
| Dates: | Dates |
| Duration: | Duration |
| Venue: | Venue |

CHAIRMAN CFPA EUROPE

DIRECTOR (TRAINING)

# CFPA-E Europe – Certificate Holders

| Country | CFPA Certificate | Certificate Holders |
|---|---|---|
| | | 01.01.2023 - 31.12.2023 |
| **Belgium** | - | 0 |
| **Denmark** | - | 0 |
| **Finland** | Maintenance of Portable Fire Extinguishers | 16 |
| **France** | Fire Investigation | 49 |
| | Principles of Fire Safety at Work | 0 |
| | Hot Works | 0 |
| | Maintenance of Portable Fire Extinguishers | 0 |
| **Germany** | Explosion | 20 |
| | Hot Works | 5 |
| **Italy** | Principles of Fire Safety at Work | 9 |
| | Explosion | 6 |
| **Norway** | Principles of Fire Safety at Work | 0 |
| **Portugal** | Explosion | 0 |
| | Installation and Inspection of Products for Passive Fire Protection in Buildings | 71 |
| | Maintenance of Portable Fire Extinguishers | 34 |
| **Slovenia** | Hot Works | 30 |
| | Installation and Inspection of Products for Passive Fire Protection in Buildings | 52 |
| **Spain** | Hot Works | 36 |
| | Fire Safety in Transformation Facilities | 0 |
| | Operator of Stationary Fire Protection Systems and Fire Extinguishers Containing Fluorinated Greenhouse Gases | 54 |
| **Sweden** | Classification of Explosive Hazardous Areas | 9 |
| | Principles of Fire Safety at Work | 119 |
| | Fire Safety during Construction Works | 33 |
| | Explosion | 179 |
| **Switzerland** | Principles of Fire Safety Engineering | 0 |
| **United Kingdom** | Principles of Fire Safety at Work | 0 |
| | Maintenance of Portable Fire Extinguishers | 215 |
| | Hot Works | 1161 |
| | Installation and Inspection of Products for Passive Fire Protection in Buildings | 0 |
| **Total** | - | **2.100** |

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This Certificate No ********** is awarded to

## Candidate Name

in recognition of having satisfied the requirements of the CFPA EUROPE syllabus and examination

## CourseName (CourseCode)

OptionalSubtitle

delivered by

## NameofAssociation

| | |
|---|---|
| Dates: | Dates |
| Duration: | Duration |
| Venue: | Venue |

CHAIRMAN CFPA EUROPE

DIRECTOR (TRAINING)

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CONFEDERATION OF FIRE PROTECTION ASSOCIATIONS (EUROPE)

Logo of the national association

This Attest is awarded to

## Candidate Name

in recognition of having satisfied the requirements of the CFPA EUROPE syllabus

## CourseName (CourseCode)

OptionalSubtitle

delivered by

## NameofAssociation

| | |
|---|---|
| Dates: | Dates |
| Duration: | Duration |
| Venue: | Venue |

CHAIRMAN CFPA EUROPE

DIRECTOR (TRAINING)

# 5

# Annex: Ratified CFPA-E Guidelines

# CFPA-E Guidelines

## Ratified Guidelines – Fire safety

| Guideline No. | Title | Summary |
|---|---|---|
| 1:2015 F | Fire Protection Management System | The market imposes new demands for quality and safety. Today fire protection forms an integral part of a modern strategy for survival and competitiveness. This guideline gives a method for a systematic fire protection work. |
| 2:2022 F | Panic & emergency exit devices | This guideline applies where the activity imposes demands on doors, not sliding doors, which shall be normally kept locked from the outside and/or prevent the passage of unauthorized persons, and shall also be capable of use as means of escape. |
| 3:2023 F | Certification of thermographers | This guideline concerns the practice of thermography. In order for thermography to be carried out properly, it is essential that it is done by people, who have the right skills and experience in this area. |
| 4:2022 F | Introduction to qualitative fire risk assessment | There are many methods of carrying out a fire risk assessment and examples are Gardner, Meseri, frame and the Fire Safety Concepts Tree. An analytical method enables a better fire risk assessment to be made and allows better control to be exercised over the fire hazards. |
| 5:2023 F | Guidance signs, Emergency lighting and General lighting | This guideline contains different requirements concerning guidance signs, emergency lighting and general lighting. |
| 6:2021 F | Fire safety in care homes | This guide aim to help with the planning, execution and maintenance of fire safety for individuals with weakened ability to act. |
| 7:2022 F | Safety distance between waste containers and buildings | Many arson attacks target waste containers and other combustible objects located outside buildings. These relatively innocuous fires too often develop into fires that can cause significant injuries or property damage when they spread into the buildings. This guideline gives the owners and occupiers of premises some basic advice about ways to prevent these. |
| 8:2004 F | Prevention arson – Information to young people | This guideline emphasizes the importance of providing information and education for young people, to deter them from committing arson. Main content is now in CFPA-E Guideline No 01:2022 S. |
| 9:2023 F | Fire safety in restaurants | The measures described in the Guideline tend to dwell on fire safety on the kitchen, although its theme of risk assessment will involve restaurant management in a survey of fire hazards in all areas and a comprehensive approach to such hazards. |
| 10:2022 F | Smoke alarms in the home | The aim of this guideline is to prevent injuries, loss of lives and property in fires in the homes, giving recommendations to consider in the installation of fire alarms. |

# CFPA-E Guidelines

| Guideline No. | Title | Summary |
|---|---|---|
| 11:2015 F | Recommended number of fire protection trained staff | This guideline specifies different levels of training and also makes recommendations about how many persons in a company should at less have those level trainings. |
| 12:2023 F | Fire safety basics for hot work operatives | The aim of the guideline is to improve the understanding and attitude of hot work operatives so that, within a general approach of risk assessment, they can carry out hot work in a safe manner. |
| 13:2015 F | Fire protection documentation | The aim of this guideline is to give a simple and accessible description of what fire protection documentation should look like. |
| 14:2019 F | Fire protection in information technology facilities | The protection of IT equipment have high significance. An adequate safety level can only be guaranteed by an integrated concept. Special emphasis shall be placed on a sensible combination of protection measures. |
| 15:2022 F | Fire safety in guest harbours and marinas | This guideline recommends fire precaution measures taken by the owner of the harbors and measures the guests may take to protect themselves from fire and explosions when they are visiting a harbor. |
| 16:2016 F | Fire protection in offices | Good fire safety has many advantages when applied in offices. This guideline gives recommendations about how to deal with the main hazards in the office. |
| 17:2015 F | Fire protection in farm buildings | This guideline highlights a number of important action areas and appropriate measures that are of general application in farms and should be aimed for. |
| 18:2022 F | Fire and protection in chemical manufacturing site | This guideline applies to chemical manufacturing buildings and defines preventive and emergency measures, which help limit damage once a fire or explosion has occurred. |
| 19:2023 F | Fire safety engineering concerning evacuation from buildings | This guideline supplies valid support for the evacuation strategy to allow occupants, anywhere within the structure, to be able to evacuate to a place of safety. |
| 20:2022 F | Fire safety in camping sites | This guideline recommends fire precaution measures to be taken by the owner of the sites, and measures the guests may take to protect themselves from fires and explosions when they are visiting a camping site. |
| 21:2021 F | Fire prevention on construction sites | The purpose of this guideline is to prevent as many fires on construction sites as possible and to reduce the severity of those that do occur, by presenting best practice regarding fire safety on construction sites. |
| 22:2022 F | Wind turbines – Fire protection guideline | This guideline describes the typical risks of fire given under the special conditions of the operation of wind turbines, and proposes measures for loss prevention. |
| 23:2023 F | Securing the operational readiness of fire control system | This guideline documents the operational readiness of fire control systems and regulates their design and control. |

# CFPA-E Guidelines

| Guideline No. | Title | Summary |
|---|---|---|
| 24:2016 F | Fire safe homes | This guideline set out the requirements that must be satisfied in order that a dwelling may be categorised as a Fire Safe Home. The intention is that this guideline should be applicable to all types of dwellings, from single family houses to flats in multi.storey buildings. |
| 25:2023 F | Emergency plan | The aim of this guideline is to help a company or institution to be prepared for accidental situation e.g. fire and other incidents. This can be achieved by making a written document, the emergency plan. |
| 26:2010 F | Fire protection of temporary buildings on construction sites | This guideline provides examples of acceptable solutions, which satisfy adequate fire protection requirements in temporary buildings. The content is now an attachment of CFPA E Guideline No. 21: 2021 F. |
| 27:2021 F | Fire safety in apartment buildings | The objective of this guideline is to provide a reasonable safe environment for the occupants of apartment buildings and mainly to give them the opportunity to safely escape a fire. |
| 28:2022 F | Fire safety in laboratories | This guideline provides recommendations to supplement national regulations for fire safety in laboratories of all sizes. The guidance is directed to property protection and business continuity, as well as life safety issues. |
| 29:2019 F | Protection of paintings: Transport, exhibition and storage | he purpose of the guideline is to describe fire safety measures, applied specifically to the protection of paintings during transport, exhibition and storage. |
| 30:2021 F | Basic principles of fire safety of historical buildings | This guideline provides knowledge about simple, basic, low-cost actions, which can be done to protect historic buildings from fire. |
| 31:2021 F | Protection against selfignition and explosions in handling and storage of silage and fodder in farms | This guideline in intended to provide farmers themselves an adequate understanding of the phenomena of self-ignition and explosion and the prevention measures that can take to achieve an acceptable level of safety. |
| 32:2014 F | Treatment and storage of waste and combustible secondary raw materials | These specifications substantiate the fire protection requirements and measures to be considered for recycling plants and mechanical-biological waste treatment plants from a general point of view and they are based on state-of-the-art fire protection expertise. They include specifications that help reduce fire hazards and their effects. |
| 33:2015 F | Evacuation of people with disabilities | This guideline describes the measurements that should be considered when designing public premises that are accessible for people with disabilities. |

# CFPA-E Guidelines

| Guideline No. | Title | Summary |
|---|---|---|
| 34:2015 F | Emergency power supplies | This Guideline outlines practical measures that can be taken to reduce the number of fires associated with emergency power generating equipment. The guidance applies to the use of fixed and portable generators and also to uninterruptable power supplies that are often provided for computer installations and associated equipment. |
| 35:2017 F | Fire safety in warehouses | This guideline concerns storage premises, both large and small. The measures concern not only owners, tenants and staff who administer and operate warehouses, but also the local population who may be affected by a serious fire in their immediate neighbourhood. It is intended that the contents will help to prevent fires from occurring and minimise the impact of any incident that does take place. |
| 36:2017 F | Fire prevention in large tents | The purpose of this guideline is to assist safety practitioners in the development of fire safety measures and to ensure the safety of people in large tent(s) and marquees used for shows, circuses, trade fairs, exhibitions, etc. |
| 37:2018 F | Photovoltaic systems: Recommendations on loss prevention | With this guideline all typical hazards and risks, e. g. fire, hail, lightning, storm and theft, are named which should be considered by the planning, installation and operation of PV-systems. In addition related recommendations, especially according to fixing of PV systems and their components on building are provided. |
| 38:2022 | Fire safety recommendations for short-term rental accommodations | The guideline applies to all short term rental structures, excluding hotels and similar. Due to the great variety of these structures, the guideline has been divided in two parts, the first including a few simple and low-cost safety requirements, and the second including some additional recommended safety measures. A checklist has been added, in order to help the inspection of the structures. |
| 39:2021 | Fire protection in schools | The guideline contains the fire safety requirements for all kind of schools with more than 30 people, excluding nurseries. |
| 40:2023 | Procedure to certify CFPA-E Fire Safety Specialists in Building Design | This Guideline presents a comprehensive procedure to qualify and recognize the knowledge and experience of a Fire Safety Specialist in Building Design, with the curriculum and competencies described. The procedure is developed, supported and recognized by the CFPA-E and its member Associations. |
| 41:2023 | Safety instructions for the use and charging of small and medium size lithium ion powered devices | This guideline presents recommendations for the users of small and medium electronic devices powered by lithium ion batteries. Other possible dangers are electric shocks and chemical risks. |

## Ratified Guidelines – Natural Hazards

| Guideline No. | Title | Summary |
|---|---|---|
| 1:2012 N | Protection against flood | This guideline is intended to inform all the target audiences in terms of flooding hazards and associated risks. |
| 2:2013 N | Business Resilience – An introduction to protecting your business | This document provides an introduction to ways in which management can adopt measures which will help a business survive the effects of a significant and potentially damaging event, such as a flood or a terrorist incident. |
| 3:2013 N | Protection of buildings against wind damage | The wind movements by a storm can damage buildings and structures significantly. With the help of proper planning, construction techniques and continuous monitoring and maintenance, both the probability of occurrence and the extent of storm damage can be reduced. |
| 4:2013 N | Lightning protection | This guidelines propose different methods to protect premises from ligtning. |
| 5:2020 N | Managing heavy snow loads in the roofs | The Guideline gives recommendations on how to prepare before the winter season, how to remove the snow, and protection work for the snow season. |
| 6:2016 N | Forest Fires | The purpose of this document is to establish good practice to prevent the occurrence of a forest fire, to describe the main mechanisms to combat it, and to give practical guidance to those living on the countryside or those who like to enjoy the woodlands as recreation places in order to limit the possibility that these activities can be source of a forest fire. |
| 7:2022 N | Demountable / Mobile flood protection systems | The guideline covers the planning, selection, providing and using of mobile flood protection systems. Notes and typical criteria for selection of suitable mobile flood protection systems are given. |
| 8:2022 N | Ensuring supplies of firefighting water in extreme weather conditions | This guide has been newly developed and focuses on the availability of the required firefighting water in extreme weather conditions with very high or low temperatures. In this context, it addresses the management issue of safe firefighting water supply as an essential prerequisite for effective firefighting, as well as the possible sources of usable water and its quality. With climate change, weather extremes are increasingly observed and expected. In this context, this guide also complements the existing CFPA E-Guideline No. 6 2016 N „Forest Fires“. |

# CFPA-E Guidelines

| Guideline No. | Title | Summary |
|---|---|---|
| 9:2022 N | Protection against hail damage | In the present guideline, recommendations on construction hail protection are systematically edited. They based on loss experiences in the past and recent years and on current hazard assessments, illustrated with loss patterns and loss figures. In this connection, exterior building components such as facades and roofs, as well as their extensions, e. g. photovoltaic systems, are particularly directly exposed. They must therefore be protected accordingly. In the meantime, standardized hail tests and building material or components with approved hail-resistant are available (see also www.hagelregister.com). It should also be considered that extreme weather events will increase according to scientific climate projections and experiences in last years in Europe, which is why the topic hail protection will become increasingly important. |
| 10:2023 N | Heavy rain and flash flood; Recommendations on flood prevention and protection | The guideline on protection from heavy rainfall events complements existing guideline on flood protection at water bodies (CFPA-E Guideline No. 01 2012 N) and on mobile flood protection systems (Guideline No. 07 2022 N). It contains recommendations on<br>- Hazards and risk assessment, including the illustration of typical characteristics of exposure and risks, amongst others with the help of new tools for computational modeling of rainwater runoff,<br>- Development and implementation of protection concepts and measures, e.g., preservation and expansion of retention areas, and emergency preparedness, not least due to recent experiences in some European countries with high damages and fatalities,<br>- Determination of suitable protective measures, in particular structural protective measures. |

## Ratified Guidelines – Security

| Guideline No. | Title | Summary |
|---|---|---|
| 1:2022/S | Arson Document | This document provides background information and practical guidance on the prevention and control of arson. |
| 2:2010/S | Protection of empty buildings | This document provides comprehensive information regarding the problems often associated with empty buildings, together with guidance concerning possible safeguards in order to reduce losses from empty buildings, whether due to theft, vandalism or deliberate fire raising (arson). |
| 3:2010/S | Security systems for empty buildings | This document provides guidance on the subject of electronic security systems for empty buildings to assist those considering installing such systems. It supplements the CFPA publication Protection of Empty Buildings, 02:2010/S. |
| 4:2010/S | Guidance on keyholder selection and duties (yet not ratified) | This document gives assistance to owners of electronic security systems at commercial premises in selecting appropriate persons to act as premises keyholders. It also provides guidance on ensuring the safety of keyholders, and keyholders' responsibilities when operating the system or attending the site in response to an activation/fault. |
| 5:2022/S | Security Guidelines for Museums and Showrooms | This document gives assistance to operators of museums and showroom as well as to risk carrier (e.g. insurers). It helps identifying risks and developing strategies facing these risks. |
| 6:2014/S | Security Guidelines for Emergency Doors in Non-Residential Premisis | The document assists specialists and end users in selecting suitable means to secure buildings against intrusion via emergency exit doors. They relate to commercial and public premises only and relates specifically to emergency exit doors. Windows and other openings are outside the technical scope of this document. |
| 7:2023/S | Developing Evacuation and Salvage Plans for Works of Art and Heritage Buildings | The document will help establishments entrusted with works of art such as museums, libraries, archives, and churches to plan for the safe preservation of exhibits in the event of a catastrophic event, when timely action is critical. Others with custody of art property such as warehouses, forwarding companies, galleries and trade exhibition centres will also find the document highly relevant. |
| 8:2016/S | Guidelines Security in Schools | This document assists those responsible for security in a school (e.g. school managers, school security personnel, authorities, etc.) as well as those wishing to see that students may learn in a safe and productive environment. The scope of the document is to provide information and guidance on security aspects in schools, including measures to minimise risks for physical property damage and for asset protection. |

# CFPA-E Guidelines

| Guideline No. | Title | Summary |
|---|---|---|
| 9:2016/S | Recommendation for the Control of Metal Theft | At times of high market demand for metal as a result of worldwide economic developments, and the correspondingly high prices available for scrap metal, the theft of metal materials, particularly attached to or outside buildings, such as cable, roofing, raw materials and finished products, causes significant disruption to business and community assets and can even result in injury and death. The problem can be mitigated partly by rigourous controls on scrap metal trading but these should be supported by the type of security options discussed in this guide. |
| 10:2016/S | Protection of Business Intelligence | The readiness of unprincipled individuals and businesses to commit industrial espionage, sabotage and vandalism appears to be on the increase globally. This impacts the victim organisation through damage to competitiveness, market advantage, reputation and staff morale. These guidelines illustrate the risks and the action an organisation must take to protect its business information. |
| 11:2018/S | Cyber Security for Small and Medium-sized Enterprises (SME) | Use of state-of-the-art IT to cope with operational, logistic, and technical business processes as well as the access to the internet are indispensable for all businesses. Digitisation and data networking involve new risks to be considered in the enterprise‘s risk management. These Guidelines are tailored to the needs of small and medium-sized enterprises (SME) and define minimum requirements for information security for them. |
| 12:2023/S | Security Guidelines für Businesses | Burglary is a risk for all kinds of businesses, starting with small shops and offices up to financial companies and jewellers, and therefore concerns everybody. Burglary can only be combated by taking adequate preventive measures.<br>In most cases, this means the use of mechanical or electronic protective devices. For this reason, security guidelines for the protection against burglary have been developed.<br>They give recommendations as to which security requirements should be applied to a company. At the same time, assessment of the respective risk and the benefit-cost ration of such measures are taken into consideration. |

More information, see: **www.cfpa-e.eu**

# 6

# Annex: CFPA Courses (Templates)

# 1.1 Fire Safety: Management Cycle

| | | |
|---|---|---|
| 1 | **Level** | 6 |
| 2 | **Duration** | Minimum of 60 hours |
| 3 | **Credits / Points** | 60 |
| 4 | **Aim** | Learners will develop further understanding of the areas covered in the CFPA Europe Diploma in Fire Prevention: Technical Cycle but focusing on organisational and management issues |
| 5 | **Target Public** | Safety managers, advisors or consultants of large companies. Experts, consultants in fire prevention. Everyone having fire prevention in their scope of activity |
| 6 | **Prerequisites** | Holder of the CFPA Europe Diploma in Fire Safety: Technical Cycle or have passed an examination which demonstrates the same level of knowledge |
| 7 | **Progression** | Courses from the CFPA qualifications framework to broaden Skill and knowledge in other aspects of fire and/or membership of institutes or associations |
| 8 | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Design and produce a fire safety policy. Produce, manage and modify the policy to the executive management of the organisation<br>• Produce, manage and modify a fire safety plan as is relevant for the control of the fire risks in the company<br>• With regard to fire protection, prevention and suppression systems and equipment:<br>  • Assess the measures needed<br>  • Assess the requirements of the systems and equipment<br>  • Assess the purchases needed<br>  • Assess the maintenance requirements<br>  • Create a plan and justify to the executive management of the organisation<br>• Put forward competent fire risk management representation for liaison in order to be observed and measured by authorities and inspection bodies in all areas of fire safety and fire protection and prevention. Argue points of difference based upon sound technical knowledge<br>• Generate information to employees and other relevant persons with regard to fire safety in the organisation. Create, implement and measure outcomes from suitable training for all employees<br>• Manage and direct all personnel responsible for fire safety including fire wardens and fire intervention teams<br>• Design and, as necessary, improve a maintenance regime for all fire prevention, suppression or alarm systems provided across company locations including measures to ensure compliance and monitor system status |
| 9 | **Related Guidelines** | 1 F; 11 F |
| 10 | **Assessment** | A minimum of a written examination plus a case study presented in writing or orally |
| 11 | **Qualifications** | Diploma<br>Optional subtitle «Fire Safety Manager CFPA-E» |

# 1.2 Fire Safety: Technical Cycle

| | | |
|---|---|---|
| **1** | **Level** | 5 |
| **2** | **Duration** | Minimum of 75 hours |
| **3** | **Credits / Points** | 75 |
| **4** | **Aim** | Learners will develop in-depth technical knowledge of fire safety and fire protection systems and techniques in industrial and commercial premises |
| **5** | **Target Public** | This is a vocational course for those with fire prevention or safety related roles within an organisation or as a consultant providing that information to an organisation as a specialist in the field of fire prevention |
| **6** | **Prerequisites** | None |
| **7** | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 5 or progress to Fire Safety - Management Cycle at Level 6 |
| **8** | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Construct and design fire risk mitigation plans for buildings and the business based upon knowledgeable identification of fire risk<br>• Generate plans incorporating detailed knowledge of the systems usually used to prevent, identify, and suppress fire and in doing so protect people and property<br>• Appraise and select the appropriate existing regulations in fire prevention and protection. Combine their use with current procedures for managing fire risk in the buildings or business. Create communication strategies on their use for others, including senior management as well as employees<br>• Put forward competent fire risk management representation for liaison with authorities and inspection bodies in all areas of fire safety and fire protection and prevention<br>• Generate information to employees and other relevant persons with regard to fire safety in the organisation. Plan for and implement suitable training for all employees<br>• Assist in the management and direction of all personnel responsible for fire safety including fire wardens and fire intervention teams<br>• Design a maintenance regime for all fire prevention, suppression or alarm systems provided across company locations including measures to ensure compliance and monitor system status |
| **9** | **Related Guidelines** | 1 F; 2 F; 4 F; 5 F; 11 F; 12 F; 13 F; 19 F, 23 F, 25 F, 33 F, 41 F, 42 F |
| **10** | **Assessment** | A minimum of a written examination plus a case study presented orally or in writing |
| **11** | **Qualifications** | Diploma<br>Optional subtitle «Fire Protection Manager CFPA-E» |

# 1.3 Fire Risk Management

| | | |
|---|---|---|
| **1** | **Level** | 4 |
| **2** | **Duration** | Minimum of 30 hours |
| **3** | **Credits / Points** | 30 |
| **4** | **Aim** | To provide learners with technical knowledge to detect fire risks, to verify risk analyses and to coordinate fire risks and related financial risks as well as fire protection measures in industrial and commercial premises resulting in adequate recommendations to the management of the enterprise |
| **5** | **Target Public** | Safety managers, advisers or consultants of insurers |
| **6** | **Prerequisites** | Basic knowledge of fire safety and fire protection |
| **7** | **Progression** | Courses from the CFPA Qualifications Framework to broaden knowledge at Level 4 or progress to more in-depth courses at Level 5 |
| **8** | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Appraise fire risks in enterprises<br>• Evaluate the various causes of fires<br>• Formulate methods or procedures to minimize the risk and the consequences for each of the causes<br>• Critique the different uses of prevention and protection systems and techniques.<br>• Select the appropriate application of prevention and protection systems and techniques relative to the organisational requirement.<br>• Co-ordinate technical and financial measures in order to manage the fire risk. |
| **9** | **Related Guidelines** | 4 F; 7 F; 19 F |
| **10** | **Assessment** | A minimum of a written examination plus a case study presented in writing or orally |
| **11** | **Qualifications** | Diploma<br>Optional subtitle «Fire Risk Manager CFPA-E» |

# 1.4 Fire Risk Assessment

| | | |
|---|---|---|
| 1 | **Level** | 4 |
| 2 | **Duration** | Minimum of 30 hours |
| 3 | **Credits / Points** | 30 |
| 4 | **Aim** | To provide learners with the ability to evaluate fire risk assessment techniques and make judgements on their practical application |
| 5 | **Target Public** | Surveyors; Risk Managers; Security and Prevention Consultants; Insurers; Brokers; Installers, designers and maintenance staff; Controllers; Inspectors |
| 6 | **Prerequisites** | Qualification or suitable experience in mathematics and a basic knowledge of the concepts of fire |
| 7 | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 4 or progress to more in-depth courses at Level 5 |
| 8 | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Appraise the principles and methodology of fire risk assessment<br>• Use this knowledge to critique the differing requirements of carrying out a fire risk assessment<br>• Select the relevant aspects of fire legislation, test for validity and relate as appropriate to fire risk assessment<br>• Verify how workplace fire safety issues and hazards are related to the relevant risk assessments<br>• Detect non-compliances with the regulations, attribute risk to hazards and relate these to the fire risk assessment report<br>• Properly select the appropriate non-compliances with relevant regulations<br>• Select appropriate recommendations and actions from the fire risk assessment to improve or maintain compliance |
| 9 | **Related Guidelines** | 4 F; 7 F; 19 F |
| 10 | **Assessment** | A minimum of a written examination plus a case study presented in writing or orally |
| 11 | **Qualifications** | Diploma<br>Optional subtitle «Fire Risk Assessor CFPA-E» |

# 1.5 Fire Safety and Security: Museums and Historical Premises Specialist

| | | |
|---|---|---|
| **1** | **Level** | 4 |
| **2** | **Duration** | Minimum of 30 hours |
| **3** | **Credits / Points** | 30 |
| **4** | **Aim** | To provide learners with an understanding of the fire safety and security risks associated with museums and historical premises and how to protect from and mitigate those risks |
| **5** | **Target Public** | Those working in or responsible for the design, management, security and fire prevention in museums and historical premises |
| **6** | **Prerequisites** | Basic knowledge of security and fire prevention. |
| **7** | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 4 or progress to more in-depth courses at Level 5 |
| **8** | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Determine and appraise the principal problems in the organization and management of security and fire safety in this environment<br>• Select appropriate regulatory frameworks and standards related to the regulation and management of this type of premises<br>• Select the different classifications of insurance appropriate to this activity<br>• Appraise and select security and fire prevention, protection and first intervention systems and techniques. Justify the application of chosen systems and techniques to the risks and hazards in this environment<br>• Critique the security and fire protection systems that are available in this type of premises. Appraise their ability to mitigate risk or reduce risk in this environment<br>• Evaluate and coordinate solutions to fire safety or security issues<br>• Coordinate and monitor the development of emergency and protection plans related to this environment |
| **9** | **Related Guidelines** | 2 F; 5 F; 13 F; 19 F; 5 S; 6 S; 7 S |
| **10** | **Assessment** | A minimum of a written examination plus a case study presented in writing or orally |
| **11** | **Qualifications** | Diploma<br>Optional subtitle «Fire Safety Specialist for Museums and Historical Premises CFPA-E» |

# 1.6 Fire Safety and Security: Shopping Centre Specialist

| | | |
|---|---|---|
| 1 | **Level** | 4 |
| 2 | **Duration** | Minimum of 30 hours |
| 3 | **Credits / Points** | 30 |
| 4 | **Aim** | To provide learners with an understanding of fire safety and security risks in shopping centres and how to protect from and mitigate those risks |
| 5 | **Target Public** | All personnel working in shopping centres or providing advice or services to shopping centres in particular those involved in design, management and fire safety and security |
| 6 | **Prerequisites** | Basic knowledge of security and fire prevention systems and techniques |
| 7 | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 4 or progress to more in-depth courses at Level 5 |
| 8 | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Determine and appraise the principal problems in the organization and management of security and fire safety in this environment<br>• Select appropriate regulatory frameworks and standards related to the regulation and management of this type of premises<br>• Select the different classifications of insurance appropriate to this activity<br>• Appraise and select security and fire prevention, protection and first intervention systems and techniques. Justify the application of chosen systems and techniques to the risks and hazards in this environment<br>• Critique the security and fire protection systems that are available in this type of premises. Appraise their ability to mitigate risk or reduce risk in this environment<br>• Evaluate and coordinate solutions to fire safety or security issues<br>• Coordinate and monitor the development of emergency and protection plans related to this environment |
| 9 | **Related Guidelines** | 2 F; 5 F; 7 F; 12 F; 19 F; 6 S |
| 10 | **Assessment** | A minimum of a written examination plus a case study presented in writing or orally |
| 11 | **Qualifications** | Diploma<br>Optional subtitle «Fire Safety Specialist for Shopping Centres CFPA-E» |

# 1.7 Performance Based Design for Fire Safety

| | | |
|---|---|---|
| 1 | **Level** | 5 |
| 2 | **Duration** | Minimum of 90 hours |
| 3 | **Credits / Points** | 90 |
| 4 | **Aim** | To provide learners with a detailed understanding of the principles of performance-based design techniques and fire engineering standards relevant to the interpretation of building designs and fire safety solutions developed using these techniques |
| 5 | **Target Public** | Building Control Authority Officers, Fire Authority Officers, Other Inspecting Officers, Consultant Engineers, Fire Engineers |
| 6 | **Prerequisites** | Qualification or suitable experience in mathematics and a good understanding of the concepts of fire |
| 7 | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge |
| 8 | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Produce responses to plans that demonstrate a comprehensive application of the fundamentals of fire, how fire is initiated, how it grows and the hazards that it generates<br>• Design ways in which the factors associated with fire can be expressed in a quantitative way<br>• Generate a detailed review of national standards for fire engineering<br>• Plan for the practical application of performance-based design methods and techniques including:<br>  • Designing and setting objectives – considering national standards and regulations.<br>  • Generating success criteria via comparative and risk assessed solutions<br>  • Create and compile building design considerations<br>  • Generating and using design review<br>  • Demonstrate knowledge of quantified analyses<br>  • Designing a review of analysis against acceptance / success criteria<br>  • Generating, designing and implementing fire safety strategies<br>  • Properly formulating management considerations in fire safety strategies |
| 9 | **Related Guidelines** | 4 F; 13 F; 19 F |
| 10 | **Assessment** | A minimum of a written examination plus a case study presented in writing or orally |
| 11 | **Qualifications** | Diploma<br>Optional subtitle «Performance Based Design Reviewer CFPA-E» |

# 1.8 Explosion Protection Manager

| | | |
|---|---|---|
| 1 | **Level** | 3 |
| 2 | **Duration** | 30 Hours |
| 3 | **Credits / Points** | 30 |
| 4 | **Aim** | To provide learners with detailed knowledge of explosion protection management according to EU directives and national legislation |
| 5 | **Target Public** | • Fire safety managers and fire protection managers<br>• Explosion protection managers<br>• Advisers and consultants |
| 6 | **Prerequisites** | Experience of explosion protection |
| 7 | **Progression** | Courses from the CFPA Qualifications Framework to broaden knowledge at Level 4 or progress to more in-depth courses at Level 5 |
| 8 | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Relate the requirements of dangerous substances and explosive atmosphere regulations to protection against explosions<br>• Appraise the properties of flammable or explosive substances<br>• Compare and contrast the causes and effects of different explosions<br>• Select, classify and formulate actions to reduce hazards<br>• Examine and select equipment, protection and control systems<br>• Select and use correct storage and maintenance equipment |
| 9 | **Related Guidelines** | No 25:2010 No 04:2010 No 18:2008 |
| 10 | **Assessment** | Written examination and a case study presented in writing or orally |
| 11 | **Qualifications** | Diploma<br>Optional subtitle «Explosion Protection Manager CFPA-E» |

# 1.9 Thermography of Electrical Installations

| | | |
|---|---|---|
| 1 | **Level** | 3 |
| 2 | **Duration** | Minimum of 30 hours |
| 3 | **Credits / Points** | 30 |
| 4 | **Aim** | To provide learners with the necessary knowledge to perform thermography correctly and efficiently on electrical equipment, the aim being to prevent fires occurring |
| 5 | **Target Public** | Thermographers who work on electrical installations to pinpoint areas of potential defects, damage risks or hazards, with particular reference to fire prevention and protection |
| 6 | **Prerequisites** | • Technical qualification which is at least equivalent to that of a trained electrician and<br>• Training and education required under national legislation to be able to work on electrical installations<br>• The participants have to bring their own thermographic equipment |
| 7 | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 3 or progress to more in-depth courses at Level 4 |
| 8 | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Appraise the use of non-contact temperature measurements of electrical equipment and connections in all levels of voltage<br>• Detect and analyse thermic abnormalities<br>• Select the circumstances and conditions where this equipment would be used<br>• Organise proper use of own equipment<br>• Detect, examine and appraise each type of risk / hazard<br>• Analyse, properly record and present the findings of the work<br>• Appraise safe practical use of equipment |
| 9 | **Related Guidelines** | 3 F |
| 10 | **Assessment** | A minimum of a written examination plus a case study presented in writing or orally |
| 11 | **Qualifications** | Diploma |

# 1.10 Risk Management of Natural Hazards

| | | |
|---|---|---|
| 1 | **Level** | 4 |
| 2 | **Duration** | Minimum of 30 hours |
| 3 | **Credits / Points** | 30 |
| 4 | **Aim** | To provide learners with an integrated and holistic understanding of risk management with particular regard to those risks applying to natural hazards |
| 5 | **Target Public** | Executive and middle manager, specialists, safety managers, risk and consulting engineers, underwriters, consultants of insurers |
| 6 | **Prerequisites** | Basic understanding and experience in at least one aspect of practical safety management |
| 7 | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 4 or progress to more in-depth courses at Level 5This knowledge is required by CFPA-E-guideline No. 3:2003 / F as one of the prerequisites for certification of thermographers. |
| 8 | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• TVerify the integration of risk management in form and content<br>• Monitor the selection of appropriate related regulatory frameworks and standards to the regulation and management of natural hazards.<br>• Co-ordinate the use of the basics of risk perception<br>• Appraise, verify and communicate natural hazard risks in the context of relating them to and distinguishing them from other existing system risks<br>• Critique methods of qualitative and quantitative risk assessment of natural hazards (including risk analysis and rating)<br>• Select, check and coordinate the integration of risk optimized safety measures, addressing whether to avoid, transfer, mitigate or retain the residual risk (i.e. crisis management and emergency planning)<br>• Coordinate, monitor, prioritise and justify adequate safety measures for the recognised risks by a number of criteria including cost-effectiveness<br>• Coordinate and integrate the use of risk management as a company management tool |
| 9 | **Related Guidelines** | 1 N; 2 N; 3 N; 4 N; 5 N; 6 N |
| 10 | **Assessment** | Written examination plus a case study presented in writing or orally. |
| 11 | **Qualifications** | Diploma<br>Optional subtitle « Risk Manager of Natural Hazards» |

# 1.11 Risk Management of Technical Safety

| | | |
|---|---|---|
| 1 | **Level** | 4 |
| 2 | **Duration** | Minimum of 30 hours |
| 3 | **Credits / Points** | 30 |
| 4 | **Aim** | To provide learners with an integrated and holistic view of risk management applied to technical and/or process hazards resulting from hazardous incidents on industrial sites |
| 5 | **Target Public** | Executive and middle manager, specialists, safety managers, risk and consulting engineers, underwriters, consultants and insurers |
| 6 | **Prerequisites** | Basic understanding and experience in at least one aspect of practical safety management |
| 7 | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 4 or progress to more in-depth courses at Level 5 |
| 8 | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Verify the integration of risk management in form and content<br>• Monitor the selection of appropriate related regulatory frameworks and standards to the regulation and management of technical and/or process hazards.<br>• Appraise, verify and communicate technical safety risks in the context of relating them to and distinguishing them from other existing system risks<br>• Critique methods of qualitative and quantitative risk assessment of technical safety (including risk analysis and rating)<br>• Select, check and coordinate the integration of risk optimized safety measures, addressing whether to avoid, transfer, mitigate or retain the residual risk (i.e. crisis management and emergency planning)<br>• Coordinate, monitor, prioritise and justify adequate safety measures for the recognised risks by a number of criteria including cost-effectiveness<br>• Coordinate and integrate the use of risk management as a company management tool |
| 9 | **Related Guidelines** | |
| 10 | **Assessment** | Written examination plus a case study presented in writing or orally. |
| 11 | **Qualifications** | Diploma<br>Optional subtitle «Risk Manager of Technical Safety» |

# 1.12 Principles of Fire Safety Engineering

| | | |
|---|---|---|
| 1 | **Level** | 3 |
| 2 | **Duration** | Minimum of 30 hours |
| 3 | **Credits / Points** | 30 |
| 4 | **Aim** | To provide learners with a basic understanding of the principles of fire safety engineering standards and techniques to enable the interpretation of building designs and fire safety solutions developed using these techniques |
| 5 | **Target Public** | • Building designers - all aspects<br>• Fire engineers<br>• Architects<br>• Construction specialists<br>• Inspectors |
| 6 | **Prerequisites** | Official technical diploma or degree and CFPA Europe Diploma in Fire Prevention (Technical or Management cycle) or other advanced course or experience (equivalence will be assessed by a written test) |
| 7 | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 3 or progress to more in-depth courses at Level 4 |
| 8 | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Select and relate the principal European rules on fire safety engineering in the construction sectors (including EC 89/106 and its interpretative document – if appropriate)<br>• Appraise and evaluate fire safety equivalence with prescriptive guidance in building design<br>• Examine the behaviour of fire in compartmented and non-compartmented structures<br>• Relate existing guidance to these behaviours<br>• Create, propose, evaluate and prioritise adequate safety measures for the recognised risks by a number of criteria including cost-effectiveness<br>• Organise and integrate risk management as a company management tool |
| 9 | **Related Guidelines** | 4 F; 13 F; 19 F |
| 10 | **Assessment** | A minimum of a written examination plus a case study presented in writing or orally |
| 11 | **Qualifications** | Certificate |

# 1.13 Principles of Fire Safety at Work

| | | |
|---|---|---|
| **1** | **Level** | 4 |
| **2** | **Duration** | Minimum of 18 hours |
| **3** | **Credits / Points** | 18 |
| **4** | **Aim** | To provide learners with knowledge of fire risk assessment, emergency and evacuation plans design, and the organisation and training of fire-fighting teams |
| **5** | **Target Public** | Company safety personnel who require training in fire safety in the workplace |
| **6** | **Prerequisites** | None |
| **7** | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 4 or progress to more in-depth courses at Level 5 |
| **8** | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Coordinate the training, testing and organisation of fire -fighting teams<br>• Appraise the risk from fire in the workplace in a variety of different situations and conditions<br>• Assist in the design and implementation of emergency plans<br>• Use knowledge of assessing and managing the risks from fire to develop the appropriate instruction, examination and testing of relevant persons in the execution of emergency plans |
| **9** | **Related Guidelines** | 1 F; 2 F; 5 F; 11 F; 12 F; 13 F; 14 F; 16 F |
| **10** | **Assessment** | A practical and/or written assessment in the area that is designed for one hour in duration |
| **11** | **Qualifications** | Certificate<br>Optional Title „Fire Safety Coordinator CFPA-E“ |

# 1.14 Maintenance of Portable Fire Extinguishers

| | | |
|---|---|---|
| 1 | **Level** | 3 |
| 2 | **Duration** | Minimum of 24 hours |
| 3 | **Credits / Points** | 24 |
| 4 | **Aim** | To provide learners with the necessary technical knowledge and skills to perform the maintenance of portable fire extinguishers |
| 5 | **Target Public** | Individuals responsible for the maintenance of fire extinguishers in their premises |
| 6 | **Prerequisites** | None |
| 7 | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 3 or progress to more in-depth courses at Level 4 |
| 8 | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Prepare and organize the work, according to:<br>  • company procedures<br>  • manufacturer's technical specifications<br>  • health and safety regulations<br>  • national standards<br>• Organise the maintenance of fire extinguishers, using tools and equipment appropriate to each type of fire extinguisher in use. Learners will specifically be able to:<br>  • distinguish between fire extinguishers to define the type of maintenance to be performed<br>  • structure the collection and recording of the identification data of fire extinguishers, e.g. type of fire extinguisher, serial number, date of the last maintenance/recharge<br>  • examine and rectify the status of the fire extinguishers components<br>  • organise the recharge of the fire extinguisher using the appropriate fire extinguishant<br>  • select relevant procedures to close and pressurize (if necessary) the fire extinguisher, in accordance with the manufacturer´s instructions and relevant standards<br>  • organise processes to verify the fire extinguisher, fit the seal and attach or sign the label of maintenance<br>  • appraise the maintenance and upkeep of the machines and tools used in the fire extinguisher maintenance<br>  • assess correct completion of the maintenance report |
| 9 | **Related Guidelines** | None |
| 10 | **Assessment** | Written exam and a compulsory practical examination |
| 11 | **Qualifications** | Certificate<br>Members may award a national certificate. |

# 1.15 Explosion [Prevention and Protection] in Places where explosive atmospheres may occur

| | | |
|---|---|---|
| 1 | **Level** | 2 |
| 2 | **Duration** | Minimum of 12 hours |
| 3 | **Credits / Points** | 12 |
| 4 | **Aim** | To provide learners with basic knowledge of prevention and protection measures that are required by EC directives |
| 5 | **Target Public** | Suitable for all those engaged in the design stages of construction work or in the supervision of fire safety where this risk might occur |
| 6 | **Prerequisites** | Basic knowledge of the characteristics of flammable liquids, gases and dust |
| 7 | **Progression** | Courses from the CFPA Qualifications Framework to broaden knowledge |
| 8 | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Demonstrate knowledge of the requirements of dangerous substances and explosive atmosphere regulations<br>• Safely use flammable or explosive substances<br>• Classify their properties<br>• Execute practices which prevent or mitigate any fire or explosion caused by properties of flammable or explosive substances<br>• Illustrate the effects of different explosions and how they might be controlled<br>• Identify, classify and implement actions to reduce hazards<br>• Use effective methods to choose equipment, protection and control systems<br>• Carry out correct storage and maintenance |
| 9 | **Related Guidelines** | 1 F; 11 F |
| 10 | **Assessment** | A practical and/or written assessment in the area that is designed for one hour in duration |
| 11 | **Qualifications** | Certificate<br>Optional subtitle «Explosion Protection Officer CFPA-E» |

# 1.16 Classification of Explosive Hazardous Areas

| | | |
|---|---|---|
| **1** | **Level** | 3 |
| **2** | **Duration** | Minimum of 12 hours |
| **3** | **Credits / Points** | 12 |
| **4** | **Aim** | To provide learners with knowledge of how to establish a classification plan according to international standards and regulations |
| **5** | **Target Public** | Individuals who will establish and review classification plans. For example, risk engineers at process plants or consultants working with risk identification, consultants in the ATEX work area, contractors dealing with occasional work in hazardous areas |
| **6** | **Prerequisites** | Basic knowledge of the characteristics of flammable dust, liquids and gases. Knowledge in the physics of fire and explosions. Basic knowledge in the ignition process |
| **7** | **Progression** | Courses from the CFPA qualifications framework. |
| **8** | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Appraise the requirements of dangerous substances and explosive atmosphere regulations<br>• Organise use of flammable or explosive substances<br>• Distinguish between their properties<br>• Compare and contrast the properties of flammable or explosive substances<br>• Structure the prevention or mitigation of any fire or explosion caused by properties of flammable or explosive substances<br>• Distinguish the effects of different explosions and how they might be controlled<br>• Select, classify and formulate actions to reduce hazards<br>• Appraise methods for selection of appropriate equipment, protection and control systems<br>• Organise correct storage and maintenance |
| **9** | **Related Guidelines** | 1 F; 11 F |
| **10** | **Assessment** | A practical and/or written assessment in the area that is designed for one hour in duration |
| **11** | **Qualifications** | Certificate<br>Optional subtitle « Classification of Explosive Hazardous Areas Officer CFPA-E» |

# 1.17 Fire Safety in Transformation Facilities

| | | |
|---|---|---|
| **1** | **Level** | 3 |
| **2** | **Duration** | Minimum of 12 hours |
| **3** | **Credits / Points** | 12 |
| **4** | **Aim** | Leaners will develop an understanding of Key technical knowledge needed to manage fire safety in transformation facilities [Indoor , outdoor and cable galleries] |
| **5** | **Target Public** | Those who work with electrical transformer equipment, particularly those responsible for fire safety in this environment or with this equipment |
| **6** | **Prerequisites** | None |
| **7** | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 3 or progress to more in-depth courses at Level 4 |
| **8** | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Select and appraise the main hazards associated with fire safety in transformation facilities<br>• Select and test the different types of fire prevention measures in this environment<br>• Use and integrate the specific regulations and standards related to transformation facilities in the general fire safety precautions of the buildings<br>• Relate the behaviour of fire in compartmented and non-compartmented structures generally into the design and structure of plans and policies relating to this environment |
| **9** | **Related Guidelines** | 12 F |
| **10** | **Assessment** | A practical and/or written assessment in the area that is designed for one hour in duration |
| **11** | **Qualifications** | Certificate<br>Optional subtitle «Fire Safety Officer of Transformation Facilities CFPA-E » |

# 1.18 Operator of Stationary Fire Protection Systems and Fire Extinguishers Containing Fluorinated Greenhouse Gases

| | | |
|---|---|---|
| 1 | **Level** | 3 |
| 2 | **Duration** | Minimum of 12 hours |
| 3 | **Credits / Points** | 12 |
| 4 | **Aim** | To provide learners with the necessary technical knowledge to maintain and install stationary gas extinguishing systems and portable fire extinguishers containing fluorinated greenhouse gases.<br>*Note: Providing the employer fulfils the requirements of the European Regulation (EC) 842-2006.* |
| 5 | **Target Public** | Employees from maintenance companies dealing with gas extinguishing systems containing fluorinated gases and any other person who has to comply with EC 842-2006 |
| 6 | **Prerequisites** | Technician/technical background, basic knowledge in gas extinguishing systems |
| 7 | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 3 or progress to more in-depth courses at Level 4 |
| 8 | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Organise work in those areas that might be classified as hazardous areas<br>• Distinguish environmental issues (e.g. Kyoto Protocol)<br>• Examine compliance to national and European standards and legislation (including basic knowledge of Regulation (EC) Nº 517/2014 and related regulations) in all work carried out<br>• Compare and contrast the variety of systems available on the market and their use<br>• Appraise proper use of pressurised containers<br>• Structure the following activities in accordance with Regulation (EC) Nº 1497/2007, pursuant to Regulation (EC) Nº 517/2014:<br>  • Leakage checking of applications containing three kilograms or more of fluorinated greenhouse gases<br>  • Recovery and charging, also with regard to other [normal] fire extinguishers<br>  • Installation of the systems<br>  • Maintenance or servicing of the systems |
| 9 | **Related Guidelines** | None |
| 10 | **Assessment** | A practical and/or written assessment in the area that is designed for one hour in duration |
| 11 | **Qualifications** | Certificate<br>Optional subtitle «Operator of Fluorinated Fire Protection Systems CFPA-E» |

# 1.19 Hot Works

| | | |
|---|---|---|
| **1** | **Level** | 2 |
| **2** | **Duration** | Minimum of 6 hours |
| **3** | **Credits / Points** | 6 |
| **4** | **Aim** | To provide learners with knowledge of the risks associated with hot work activities, the prevention of accidents and how to act in emergency situations |
| **5** | **Target Public** | All individuals undertaking hot work at temporary or other work sites |
| **6** | **Prerequisites** | None |
| **7** | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 2 or progress to more in-depth courses at Level 3 |
| **8** | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Identify hot work risks<br>• Assess risks in specific hot work situations<br>• Implement the contents and requirements of national standards<br>• Classify the characteristic risks of gases and aerosols used in hot works<br>• Carry out the required safety measures prior to, during and after hot work activities<br>• Implement the use of hot work tools in a safe manner<br>• Identify alternate and safe work methods<br>• Demonstrate familiarity with, and ability to use the portable extinguishing equipment |
| **9** | **Related Guidelines** | 12 F |
| **10** | **Assessment** | A practical and/or written assessment in the area that is designed for 30 minutes in duration.<br>Passing the examination may be a prerequisite (in some European countries) for the award of a Hot Works Certificate which is needed when carrying out hot works |
| **11** | **Qualifications** | Attest<br>Optional subtitle – Hot Works Operative CFPA-E |

# 1.20 Fire Safety during Construction Works

| | | |
|---|---|---|
| **1** | **Level** | 3 |
| **2** | **Duration** | Minimum of 6 hours |
| **3** | **Credits / Points** | 6 |
| **4** | **Aim** | To provide learners with an understanding of fire risks and hazards during construction or refurbishment works and how to mitigate and deal with these risks and hazards |
| **5** | **Target Public** | Site managers, building managers, facilities managers, fire safety managers and coordinators and others involved in the management of contract or sub-contract works. The course will also be of interest to those involved in the insurance and security of such premises |
| **6** | **Prerequisites** | None, although beneficial that delegates have a basic knowledge of fire safety and fire prevention systems and techniques |
| **7** | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 3 or progress to more in-depth courses at Level 4 |
| **8** | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• ISelect and appraise the principal problems and difficulties arising in the structure, organization and management of fire safety during construction work<br>• Distinguish the key causes of fires and associated hazards during construction work and classification of those hazards in such circumstances<br>• Compare and contrast those hazards and risks in the light of the type of construction methods in use at particular sites<br>• Compare and select the different types of fire safety systems and equipment available to manage identified hazards<br>• Relate each equipment or system to the type of maintenance regime required for their continued and safe use<br>• Examine and appraise the management tools and techniques available to support fire safety during construction work, including hot work permits, record keeping and staff training<br>• Select the appropriate fire prevention, protection and first intervention systems and techniques including design of means of escape on the construction site<br>• Organise and execute the development of emergency and protection plans.<br>• Detect the appropriate mitigation of risk and hazard in these plans |
| **9** | **Related Guidelines** | 21 F |
| **10** | **Assessment** | A practical and/or written assessment in the area that is designed for 30 minutes in duration. |
| **11** | **Qualifications** | Attest<br>Optional subtitle «Construction Works Fire Safety Coordinator CFPA-E» |

# 1.21 Passive Fire Protection – Basics

| | | |
|---|---|---|
| **1** | **Level** | 3 |
| **2** | **Duration** | Minimum of 12 hours |
| **3** | **Credits / Points** | 12 |
| **4** | **Aim** | To provide learners with knowledge of the basic principles of build-in fire safety measures in buildings and products for passive fire protection. |
| **5** | **Target Public** | Installers of passive fire protection products. The course will also be of interest to those involved in planning and controlling of passive fire protection measures |
| **6** | **Prerequisites** | Technician/technical background |
| **7** | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 3 or progress to more in-depth courses at Level 4 |
| **8** | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Examine the basics of fire spread in buildings. Determine how passive fire protection can mitigate, reduce or prevent that spread<br>• Distinguish between the different types of passive fire protection measures. Compare and contrast their use and their proficiency in preventing fire spread<br>• Select and appraise the specific regulations and standards related to building products construction and maintenance of the provisions for fire protection of the buildings<br>• Compare and contrast the different types of building products for fire protection of the buildings (including products for passive fire protection, fire safety systems and equipment)<br>• Differentiate between products and appropriately appraise the requirements for their application, installation and maintenance<br>• Examine the ways existing buildings can be improved by the retrofitting and maintenance of passive fire protection |
| **9** | **Related Guidelines** | None |
| **10** | **Assessment** | A practical and/or written assessment in the area that is designed for one hour in duration |
| **11** | **Qualifications** | Certificate |

# 1.22 Introduction to Fire Protection Management Systems

| | | |
|---|---|---|
| **1** | **Level** | 2 |
| **2** | **Duration** | Minimum of 6 hours |
| **3** | **Credits / Points** | 6 |
| **4** | **Aim** | To provide learners with an understanding of the risks and threats of fire and procedures for their identification; with knowledge of implementing policies and procedures in order to manage risks and threats and how to incorporate these into everyday business practice |
| **5** | **Target Public** | Those responsible in a business, institution or enterprise for fire protection |
| **6** | **Prerequisites** | None |
| **7** | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 2 or progress to more in-depth courses at Level 3 |
| **8** | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Carry out procedures that identify the risks and threats of fire specifically to a business or enterprise<br>• Distinguish critical risk to businesses<br>• Integrate fire protection measures in business operational procedures<br>• Demonstrate knowledge of the systems universally used to prevent, identify, and suppress fire and in doing so protect people and property |
| **9** | **Related Guidelines** | 1 F; 19 F |
| **10** | **Assessment** | A practical and/or written assessment in the area that is designed for 30 minutes in duration. |
| **11** | **Qualifications** | Attest |

# 1.23 Basic Fire Fighting & Fire Prevention

| | | |
|---|---|---|
| **1** | **Level** | 2 |
| **2** | **Duration** | Minimum of 6 hours |
| **3** | **Credits / Points** | 6 |
| **4** | **Aim** | To provide learners with an understanding of the risks and threats of fire, the individual's responsibility in fire prevention and the action to take in the event of a fire |
| **5** | **Target Public** | First intervention team members, Fire Wardens, Marshals |
| **6** | **Prerequisites** | None |
| **7** | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 2 or progress to more in-depth courses at Level 3 |
| **8** | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Identify the fire safety roles and responsibilities within the organisation<br>• Relate the nature of fire and how it spreads to the particular buildings and type of construction of the company or enterprise<br>• Demonstrate an ability to describe and classify the risks and hazards of fire<br>• Articulate the reasons why emergency procedures are implemented<br>• Classify the different types of extinguisher and the fires for which they are used.<br>• Use extinguishers to tackle small fires with confidence |
| **9** | **Related Guidelines** | 1 F |
| **10** | **Assessment** | A practical and/or written assessment in the area that is designed for 30 minutes in duration. |
| **11** | **Qualifications** | Attest<br>Optional Title „Fire Warden CFPA-E“ |

# 1.24 Introduction to the Management of Hotel Fire Safety

| | | |
|---|---|---|
| **1** | **Level** | 4 |
| **2** | **Duration** | Minimum of 6 hours |
| **3** | **Credits / Points** | 6 |
| **4** | **Aim** | To provide learners with knowledge that will assist in the identification of fire risks and hazards in hotels and similar premises |
| **5** | **Target Public** | Anyone involved in or responsible for the hotel or accommodation sector who is, or might become involved or responsible for fire safety in this specific environment |
| **6** | **Prerequisites** | Beneficial for learners to have completed the 5-day CFPA-E course Principles of Fire Safety at Work.<br>For those responsible for the operation of larger hotels (>200 beds) Guideline 11 recommends that the CFPA-E syllabus Fire Safety Technical Cycle is followed. |
| **7** | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 4 or progress to more in-depth courses at Level 5 |
| **8** | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Specify the principal problems in the organization and management of fire safety in this environment<br>• Select the different classifications of insurance appropriate to this activity<br>• Appraise the key causes of fires and associated hazards in such premises<br>• Appraise the main security and fire prevention, protection and first intervention systems and techniques that are available. Select and apply the appropriate systems to the existing and potential risks and hazards in this environment<br>• Appraise, using detailed knowledge, the systems universally used to prevent, identify, and suppress fire and in doing so protect people and property in hotel environments<br>• Evaluate the key management tools and techniques available to support fire safety in this environment, including record keeping, staff training etc.<br>• Develop the fire prevention, protection and first intervention systems and techniques which will include emergency evacuation and protection plans<br>• Coordinate an integrated maintenance schedule for the equipment in place for security, fire prevention and protection |
| **9** | **Related Guidelines** | 1 F; 2 F; 5 F; 11 F; 12 F; 13 F; 14 F; 16 F; 21 F |
| **10** | **Assessment** | A practical and/or written assessment in the area that is designed for 30 minutes in duration. |
| **11** | **Qualifications** | Attest<br>Optional subtitle «Management of Hotel Fire Safety CFPA-E» |


63

# 1.25 Evacuation Steward

| | | |
|---|---|---|
| **1** | **Level** | 2 |
| **2** | **Duration** | Minimum of 6 hours |
| **3** | **Credits / Points** | 6 |
| **4** | **Aim** | To provide leaners with an understanding of, and the ability to instruct others in, the escort and evacuation of personnel; visitors in buildings with high population density, and to also cover specific evacuation issues i.e. hospitals, care-homes and other high-Risk buildings. |
| **5** | **Target Public** | Those responsible for assisting in the evacuation of staff and visitors from a building |
| **6** | **Prerequisites** | None |
| **7** | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 2 or progress to more in-depth courses at Level 3 |
| **8** | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Demonstrate evacuation techniques to other people in the organisation in a variety of situations including progressive horizontal evacuation in care homes and hospitals<br>• Carry out an evacuation of a building or a practice evacuation of a building<br>• Demonstrate building clearance techniques in evacuations<br>• Explain the use of evacuation chairs and mats and be able to instruct others in their use |
| **9** | **Related Guidelines** | 2 F; 5 F; 19 F |
| **10** | **Assessment** | A practical and/or written assessment in the area that is designed for 30 minutes in duration. |
| **11** | **Qualifications** | Attest<br>Optional Title „Evacuation Steward“ |

# 1.26 Business Continuity Planning

| | | |
|---|---|---|
| 1 | **Level** | 4 |
| 2 | **Duration** | Minimum of 12 hours |
| 3 | **Credits / Points** | 12 |
| 4 | **Aim** | To provide learners with an understanding of the risks, impacts and possible solutions for a variety of incidents including, but not limited to fire, loss of critical equipment/personnel, denial of access, flood and theft |
| 5 | **Target Public** | Those responsible for continuity planning in their organisation's operations involving fire safety and safety of the employees in the event of a disaster, incident or serious loss |
| 6 | **Prerequisites** | None |
| 7 | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge |
| 8 | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Appraise and evaluate critical risks to a business<br>• Select appropriate codes and guidelines in order to ensure proper crisis management in the area of planning and organisation<br>• Produce a plan to allow the business to continue operating during and after a critical event<br>• Compose recommendations to the business to plan for events and to mitigate the effects of those events on the business<br>• Prioritise the requirements to guarantee constant and smooth operations within the organisation<br>• Direct internal and external communication of requirements<br>• Co-ordinate the need for continuous monitoring and evaluation of the business continuity management plan<br>• Co-ordinate the verification of the plan<br>• Design and implement corrective actions |
| 9 | **Related Guidelines** | 1 F; 19 F |
| 10 | **Assessment** | A practical and/or written assessment in the area that is designed for 30 minutes in duration. |
| 11 | **Qualifications** | Attest<br>Optional subtitle Business Continuity Planner CFPA-E |

# 1.27 Sprinkler Systems Basic

| | | |
|---|---|---|
| **1** | **Level** | 3 |
| **2** | **Duration** | Minimum of 12 hours |
| **3** | **Credits / Points** | 12 |
| **4** | **Aim** | To provide learners with knowledge of basic principles of water extinguishing systems |
| **5** | **Target Public** | Individuals that need basic understanding of water extinguishing systems, e.g.<br>• responsible and nominated persons for water extinguishing systems/fire protection in companies, organisations and authorities<br>• architects, engineers, consultants and planners<br>• insurers<br>• fire brigades<br>The course can also be used as an introductory course for new staff members at manufacturers, distributors and installers of water extinguishing techniques |
| **6** | **Prerequisites** | Technician /technical background |
| **7** | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 3 or progress to more in-depth courses at Level 4 |
| **8** | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Relate the scope of protection offered to premises using active sprinkler systems<br>• Examine and test the components and operation of water extinguishing systems, incl. electronic monitoring, remote control, valves, pumps and types of suppression systems<br>• Compare and contrast the principles of system design and basic water extinguishing systems operation in the main types of system [Wet, Dry, Alternate, Deluge]<br>• Select the appropriate rules for planning and installation (e.g. EN 12845, CEA 4001), including classification of risks, special protection concepts<br>• Select and test the appropriate maintenance regime and requirements for the type of sprinkler system in accordance with the national or European standards currently in force |
| **9** | **Related Guidelines** | |
| **10** | **Assessment** | A practical and/or written assessment in the area that is designed for 30 minutes in duration. |
| **11** | **Qualifications** | Attest |

# 1.28 Sprinkler Operator

| | | |
|---|---|---|
| **1** | **Level** | 2 |
| **2** | **Duration** | Minimum of 12 hours |
| **3** | **Credits / Points** | 12 |
| **4** | **Aim** | To provide learners with knowledge of the operation of water extinguishing systems and have the ability to carry out end-user controls* of the systems and report the findings<br>** End user controls should not be mistaken for the professional periodic inspection including function tests as required by national codes and standards which have to be undertaken by authority having jurisdiction. Maintenance shall also be carried out only by certified experts/companies* |
| **5** | **Target Public** | Individuals that need basic understanding of water extinguishing systems, e.g.<br>• responsible and nominated persons for water extinguishing systems/fire protection in companies, organisations and authorities<br>• architects, engineers, consultants and planners<br>• insurers<br>• fire brigades<br>The course can also be used as an introductory course for new staff members at manufacturers, distributors and installers of water extinguishing techniques |
| **6** | **Prerequisites** | None |
| **7** | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 2 or progress to more in-depth courses at Level 3 |
| **8** | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Carry out the operation of water extinguishing systems, incl. electronic monitoring, remote control, valves, pumps and other types of suppression systems<br>• Carry out weekly, monthly and other periodic tests and controls on behalf of the user.<br>• Report findings to the person responsible for the maintenance of the system<br>• Classify the principles of system design and basic water extinguishing systems operation in the main types of system [Wet, Dry, Alternate, Deluge]<br>• Use the appropriate regulations for maintenance (e.g. EN 12845, CEA 4001). Demonstrate the use and content of applicable national codes and standards<br>• Explain the roles and responsibilities involved in the general maintenance of the water extinguishing system |
| **9** | **Related Guidelines** | |
| **10** | **Assessment** | A practical and/or written assessment in the area that is designed for 30 minutes in duration. |
| **11** | **Qualifications** | Attest<br>Optional Title «Sprinkler Operator CFPA-E» |

# 1.29 Gas System Operator

| | | |
|---|---|---|
| **1** | **Level** | 2 |
| **2** | **Duration** | Minimum of 12 hours |
| **3** | **Credits / Points** | 12 |
| **4** | **Aim** | To provide learners with knowledge of the operation of gas extinguishing systems, carrying out end-user controls* of the systems and reporting the findings<br>** End user controls should not be mistaken for the professional periodic inspection including function tests as required by national codes and standards which have to be undertaken by authority having jurisdiction. Maintenance shall also be carried out only by certified experts/companies.* |
| **5** | **Target Public** | Individuals responsible for gas extinguishing system in a company's premises |
| **6** | **Prerequisites** | None |
| **7** | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 2 or progress to more in-depth courses at Level 3 |
| **8** | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Carry out the operation of gas extinguishing systems, including electronic monitoring, remote control, valves, pumps and other types of suppression systems<br>• Carry out work with pressurised containers in a safe manner and in compliance with the national rules and regulations relating to these containers<br>• Classify the principles of system design and basic gas extinguishing systems operation in the main types of system<br>• Distinguish between the different gases and agents in use and the rules, regulations and safety measures governing their use<br>• Demonstrate the practical use and content of applicable national codes and standards<br>• Explain the roles and responsibilities involved in the general maintenance of the gas system<br>• Carry out weekly, monthly and other periodic tests and controls on behalf of the user. Report findings to the person responsible for the maintenance of the system |
| **9** | **Related Guidelines** | |
| **10** | **Assessment** | A practical and/or written assessment in the area that is designed for 30 minutes in duration. |
| **11** | **Qualifications** | Attest<br>Optional Title «Gas Systems Operator CFPA-E» |

# 1.30 Fire Detection and Alarm Systems Operator

| | | |
|---|---|---|
| **1** | **Level** | 2 |
| **2** | **Duration** | Minimum of 6 hours |
| **3** | **Credits / Points** | 6 |
| **4** | **Aim** | To provide learners with knowledge of the operation of fire detection and alarm systems (FDAS), carrying out end-user controls* of the systems and reporting the findings<br>** End user controls should not be mistaken for the professional periodic inspection including function tests as required by national codes and standards which have to be undertaken by authority having jurisdiction. Maintenance shall also be carried out only by certified experts/companies.* |
| **5** | **Target Public** | Individuals responsible for FDAS in their premises |
| **6** | **Prerequisites** | None |
| **7** | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 2 or progress to more in-depth courses at Level 3 |
| **8** | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Carry out the local operation checks* on FDAS, including electronic monitoring, remote control and integration with other systems<br>** End user controls should not be mistaken for the professional periodic inspection including function tests as required by national codes and standards which have to be undertaken by authority having jurisdiction. Maintenance shall also be carried out only by certified experts/companies.*<br>• Articulate basic design principles<br>• Use the appropriate regulations for maintenance<br>• Carry out end user maintenance in accordance with the guidelines and as appropriate to the system<br>• Illustrate the varied roles and responsibilities involved in the maintenance of FDAS particularly from the user perspective.<br>• Apply appropriate maintenance requirements in accordance with the national or European standards<br>• Carry out required (e.g. weekly, monthly and other) periodic tests and controls on behalf of the user. Report findings to the person responsible for the maintenance of the system |
| **9** | **Related Guidelines** | None |
| **10** | **Assessment** | A practical and/or written assessment in the area that is designed for 30 minutes in duration. |
| **11** | **Qualifications** | Attest |

# 1.31 Introduction to Thermography

| | | |
|---|---|---|
| 1 | **Level** | 3 |
| 2 | **Duration** | Minimum of 18 hours |
| 3 | **Credits / Points** | 18 |
| 4 | **Aim** | To provide learners with an understanding of non-contact temperature measurements using electrical and other equipment and the technology and science behind the equipment function |
| 5 | **Target Public** | Persons who intend to carry out thermographic measurements |
| 6 | **Prerequisites** | • Technical qualification which is at least equivalent to that of a trained electrician and<br>• Training and education required under national legislation to be able to work on electrical installations<br>• The participants have to bring their own thermographic equipment |
| 7 | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 3 i.e. Thermography of Electrical Installations or progress to more in-depth courses at Level 4 |
| 8 | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Appraise the circumstances where this equipment would be used<br>• Integrate the use of appropriate standards and codes of practice where applicable<br>• Organise proper use of own equipment<br>• Distinguish between each type of risk / hazard<br>• Analyse, properly record and present the findings of the work<br>• Organise safe practical use and inspection of electrical equipment |
| 9 | **Related Guidelines** | 3 F |
| 10 | **Assessment** | A practical and/or written assessment in the area that is designed for 30 minutes in duration. |
| 11 | **Qualifications** | Attest |

# 1.32 Certificated Security Manager

| | | |
|---|---|---|
| 1 | **Level** | 6 |
| 2 | **Duration** | Minimum of 90 hours |
| 3 | **Credits / Points** | 90 |
| 4 | **Aim** | The aim of this course is to explore all areas of safety and security connected to an organisation with a focus on risk management issues |
| 5 | **Target Public** | Individuals responsible for the organisation of security, security managers, security advisers. |
| 6 | **Prerequisites** | Basic understanding and experience of practical security techniques and organisation. |
| 7 | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 5 or progress to more in-depth courses at Level 6 |
| 8 | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Formulate the overall risk management strategies for an organisation in the area of safety and security<br>• Produce and justify risk assessments and management concepts to handle all relevant hazards, existing and predicted, including but not limited to fire protection, security, occupational and natural risks<br>• Compile and monitor findings taken from assessments from across the business. Appraise and continuously improve the risk management process |
| 9 | **Related Guidelines** | 1 F; 4 F; 19 F; 1 S; 2 S; 3 S; 4 S; 5 S; 6 S; 7 S; 8 S; 9 S; 11 S |
| 10 | **Assessment** | Certificate can be offered after each module. Risk management, Security, Fire prevention and Management. All modules must be passed before examination can be sat.<br>Diploma is awarded after examination.<br>A minimum of a written examination plus a case study presented in writing or orally |
| 11 | **Qualifications** | Diploma<br>Optional subtitle «Certificated Security Manager CFPA-E» |

# 1.33 Security: Management Cycle

| | | |
|---|---|---|
| 1 | **Level** | 6 |
| 2 | **Duration** | Minimum of 30 hours |
| 3 | **Credits / Points** | 30 |
| 4 | **Aim** | To provide learners with further knowledge of areas covered in the Security Technical Cycle but at an organisational and management level in order to formulate safety objectives and examine, manage and formulate risk assessments |
| 5 | **Target Public** | Individuals responsible for the organisation of security matters in their own and other organisations |
| 6 | **Prerequisites** | Holder of the Security: Technical Cycle Diploma or have passed an examination which demonstrates the same level of knowledge or equivalent experience |
| 7 | **Progression** | May assist in membership of institutions or associations |
| 8 | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Design and continuously improve complex security concepts that cover a wide range of security issues<br>• Compose ongoing cost/benefit analyses to ensure efficient safety and security measures are taken. These measures may be equipment related or manpower related<br>• Produce performance reviews. Assess and plan for development of employees<br>• Design and produce plans for the operation, maintenance, repair and upgrade of security equipment<br>• Produce summaries of performance. Select or justify changes or improvements to the existing provision of manpower or equipment<br>• Put forward competent security risk management representation for liaison with authorities and inspection bodies in all areas of security. Argue points of difference based upon sound technical knowledge |
| 9 | **Related Guidelines** | 2 S; 3 S; 4 S; 5 S; 6 S; 7 S; 8 S; 9 S |
| 10 | **Assessment** | A minimum of a written examination plus a case study management report presented in writing or orally |
| 11 | **Qualifications** | Diploma<br>Optional subtitle «Security Manager CFPA-E» |

# 1.34 Security: Technical Cycle

| | | |
|---|---|---|
| 1 | **Level** | 5 |
| 2 | **Duration** | Minimum of 30 hours |
| 3 | **Credits / Points** | 30 |
| 4 | **Aim** | To provide learners with knowledge to evaluate and critique a range of security solutions, focusing on industrial and commercial premises |
| 5 | **Target Public** | Individuals responsible for the organisation of security matters in their own and other organisations |
| 6 | **Prerequisites** | Basic understanding or limited experience of practical security techniques and organisation |
| 7 | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 5 or progress to Security Management Cycle at Level 6 |
| 8 | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Select appropriate local and international codes and guidelines regarding security installations and equipment<br>• Evaluate potential weak points and plan to improve potential weak points within a system. Predict and produce an analysis of the impact that failure might have on the buildings or organisation<br>• Combining knowledge of the advantages and limitations regarding mechanical, electrical, surveillance and perimeter security protection systems, generate recommendations for the improvement of the existing systems / situation.<br>• Design a security concept based on the existing or on a hypothetical situation<br>• Plan the maintenance regimes of all the equipment. Generate checks to ensure it is maintained in accordance with country or European standards |
| 9 | **Related Guidelines** | 2 F; 2 S; 3 S; 4 S; 5 S; 6 S; 7 S; 8 S; 9 S |
| 10 | **Assessment** | A minimum of a written examination plus a case study presented in writing or orally |
| 11 | **Qualifications** | Diploma<br>Optional subtitle «Security Co-ordinator CFPA-E» |

# 1.35 Management of Key and Access Systems

| | | |
|---|---|---|
| 1 | **Level** | 3 |
| 2 | **Duration** | Minimum of 6 hours |
| 3 | **Credits / Points** | 6 |
| 4 | **Aim** | To provide learners with the knowledge needed in order to implement planned access systems |
| 5 | **Target Public** | Persons responsible for key and access systems in companies and authorities |
| 6 | **Prerequisites** | Basic knowledge of mechanical protection |
| 7 | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 3 or progress to more in-depth courses at Level 4 |
| 8 | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Appraise the function, structure and design of key and access systems<br>• Organise an existing system design<br>• Manage the keys and implement the relevant maintenance and documentation guidelines |
| 9 | **Related Guidelines** | 4 S |
| 10 | **Assessment** | A practical and/or written assessment in the area that is designed for 30 minutes in duration. |
| 11 | **Qualifications** | Attest |

# 1.36 Perimeter Protection Systems

| | | |
|---|---|---|
| 1 | **Level** | 3 |
| 2 | **Duration** | Minimum of 12 hours |
| 3 | **Credits / Points** | 12 |
| 4 | **Aim** | To provide learners with sufficient information to classify and implement the principles, equipment and maintenance of perimeter protection systems |
| 5 | **Target Public** | Persons who manufacture, install, use, recommend and maintain perimeter protection systems |
| 6 | **Prerequisites** | Basic knowledge or experience in the field of electronic and mechanical security measures are helpful. |
| 7 | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 3 or progress to more in-depth courses at Level 4 |
| 8 | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Understand, apply and organise the relevant security guidelines for perimeter protection including maintenance requirement<br>• Compare systems and components of perimeter detection and protection systems<br>• Integrate the appropriate perimeter protection alarm system into a new or existing security concept.<br>• Implement and manage the relevant maintenance and documentation guidelines |
| 9 | **Related Guidelines** | None |
| 10 | **Assessment** | A practical and/or written assessment in the area that is designed for 30 minutes in duration. |
| 11 | **Qualifications** | Attest |

# 1.37 Fire Investigation

| | | |
|---|---|---|
| 1 | **Level** | 5 |
| 2 | **Duration** | Minimum of 30 hours |
| 3 | **Credits / Points** | 30 |
| 4 | **Aim** | To provide learners with an understanding of the principles of fire investigation and their implementation |
| 5 | **Target Public** | This course is aimed at those working within the field of fire investigation who are required to investigate, report and present evidence related to incidents |
| 6 | **Prerequisites** | Technical Cycle – Fire Safety or equivalent qualification or experience |
| 7 | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 5 or progress to more in-depth courses at Level 6 |
| 8 | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Attend the location of a fire, and by examining the building or material be able to formulate the reason for the cause of the fire<br>• Generate evidence or provide hypothesis or useful predictions as to the cause of the fire<br>• Generate details and reports which appraise the circumstances in which the fire took place<br>• Prepare to investigate an incident involving fire and/or explosion<br>• Produce a report on the investigation of incidents involving fire and/or explosion<br>• Compile, compose and plan to present evidence related to fire investigations in court and at other hearings |
| 9 | **Related Guidelines** | 1 S |
| 10 | **Assessment** | Written examination plus a case study management report presented in writing or orally |
| 11 | **Qualifications** | Certificate |

# 1.38 Physical Security Techniques

| | | |
|---|---|---|
| 1 | **Level** | 3 |
| 2 | **Duration** | Minimum of 18 hours |
| 3 | **Credits / Points** | 18 |
| 4 | **Aim** | To provide learners with knowledge of local codes and guidelines as well as the ability to examine the technical components and differentiate between various physical security techniques |
| 5 | **Target Public** | Individuals that need basic understanding of physical security systems such as:<br>• Responsible and nominated persons for security in companies, organisations and authorities<br>• Security consultants and planners<br>• Employees of insurers<br>• Police authorities<br>• Private security companies<br>The course can also be used as an introductory course for new staff members at manufacturers, distributors and installers of security equipment and techniques |
| 6 | **Prerequisites** | None |
| 7 | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 3 or progress to more in-depth courses at Level 4 |
| 8 | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Relate relevant local and international codes and guidelines to physical security techniques<br>• Appraise the advantages and limitations of different physical security techniques<br>• Integrate the appropriate physical security system into a new or existing security concept<br>• Implement and manage the relevant maintenance and documentation guidelines |
| 9 | **Related Guidelines** | 4 S |
| 10 | **Assessment** | A practical and/or written assessment in the area that is designed for 30 minutes in duration. |
| 11 | **Qualifications** | Attest |

# 1.39 CCTV Systems

| | | |
|---|---|---|
| 1 | **Level** | 3 |
| 2 | **Duration** | Minimum of 18 hours |
| 3 | **Credits / Points** | 18 |
| 4 | **Aim** | To provide learners with knowledge of local codes and guidelines as well as the ability to examine the technical components and differentiate between various video surveillance systems |
| 5 | **Target Public** | Individuals that need basic understanding of CCTV systems e.g.:<br>• appointed responsible persons for security in companies, organisations and authorities<br>• security consultants and planners<br>• employees of insurance<br>• police authorities<br>• private security companies<br>The course can also be used as an introductory course for new staff members of manufacturers, distributors and installers of security techniques |
| 6 | **Prerequisites** | Basic knowledge or experience in the field of electronic security measures is helpful |
| 7 | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 3 or progress to more in-depth courses at Level 4 |
| 8 | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Relate the relevant local and international codes and guidelines to video surveillance systems<br>• Appraise, compare and contrast the advantages and limitations of different video techniques and equipment<br>• Examine systems and components of CCTV and related protection systems<br>• Choose the appropriate video surveillance system with regard to a new or existing security system or concept<br>• Implement and manage the relevant maintenance and documentation guidelines |
| 9 | **Related Guidelines** | 5 S; 8 S |
| 10 | **Assessment** | A practical and/or written assessment in the area that is designed for 30 minutes in duration. |
| 11 | **Qualifications** | Attest |

# 1.40 Intruder Alarm Systems

| | | |
|---|---|---|
| 1 | **Level** | 3 |
| 2 | **Duration** | Minimum of 18 hours |
| 3 | **Credits / Points** | 18 |
| 4 | **Aim** | To provide learners with knowledge of local codes and guidelines as well as the ability to examine the technical components and differentiate between various intruder alarm systems |
| 5 | **Target Public** | Individuals that need basic understanding of intruder alarm systems e.g.:<br>• appointed responsible persons for security in companies, organisations and authorities<br>• security consultants and planners<br>• employees of insurance<br>• police authorities<br>• private security companies<br>The course can also be used as an introductory course for new staff members of manufacturers, distributors and installers of security techniques |
| 6 | **Prerequisites** | None |
| 7 | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 3 or progress to more in-depth courses at Level 4 |
| 8 | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Relate local and international codes and security guidelines to intruder alarm systems<br>• Appraise the advantages and limitations of different intruder alarm techniques and equipment. Make recommendations for the preferred system in any particular example<br>• Integrate the appropriate intruder alarm system into a new or existing security concept<br>• Examine systems and components of intruder alarm systems. Analyse, compare and contrast their use<br>• Implement and manage the relevant maintenance and documentation guidelines.<br>• Organise processes to ensure the systems are properly maintained to the relevant standard |
| 9 | **Related Guidelines** | 5 S; 8 S |
| 10 | **Assessment** | A practical and/or written assessment in the area that is designed for 30 minutes in duration. |
| 11 | **Qualifications** | Attest |

# 1.41 Smoke and Heat Exhaust Systems Operator

| | | |
|---|---|---|
| **1** | **Level** | 2 |
| **2** | **Duration** | Minimum of 6 hours |
| **3** | **Credits / Points** | 6 |
| **4** | **Aim** | To provide learners with knowledge of the operation of natural smoke and heat exhaust systems (SHEVS), carrying out end-user controls* of the systems and reporting the findings<br>** End user controls should not be mistaken for the professional periodic inspection including function tests as required by national codes and standards which have to be undertaken by authority having jurisdiction. Maintenance shall also be carried out only by certified experts/companies.* |
| **5** | **Target Public** | Individuals responsible for SHEVS in their premises |
| **6** | **Prerequisites** | Basic knowledge or experience in the field of electronic security measures is helpful |
| **7** | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 2 or progress to more in-depth courses at Level 3 |
| **8** | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Carry out the local operation checks* on the SHEVs, including electronic monitoring, remote control and integration with other systems<br>** End user controls should not be mistaken for the professional periodic inspection including function tests as required by national codes and standards which have to be undertaken by authority having jurisdiction.*<br>• Maintenance shall also be carried out only by certified experts/companies.<br>• Articulate basic design principles<br>• Use the appropriate regulations for maintenance<br>• Carry out end user maintenance in accordance with the guidelines and as appropriate to the system<br>• Illustrate the varied roles and responsibilities involved in the maintenance of the SHEV particularly from the user perspective<br>• Apply the appropriate maintenance requirements in accordance with national or European standards<br>• Carry out required (e.g. weekly, monthly or other) periodic tests and controls on behalf of the user<br>• Report findings to the person responsible for the maintenance of the system |
| **9** | **Related Guidelines** | |
| **10** | **Assessment** | A practical and/or written assessment in the area that is designed for 30 minutes in duration. |
| **11** | **Qualifications** | Attest<br>Optional subtitle «Natural SHEVs Operator CFPA-E» |

# 1.42 Incident Investigation and Root Cause Analysis

| | | |
|---|---|---|
| 1 | **Level** | 2 |
| 2 | **Duration** | Minimum of 6 hours (face-to-face) or e-learning (30 days for completion) |
| 3 | **Credits / Points** | 6 |
| 4 | **Aim** | To provide students with an understanding of incident investigation, to include the requirements, steps to be followed, and a number of methodologies |
| 5 | **Target Public** | This qualification is for anyone who wants to carry out incident investigations effectively. |
| 6 | **Prerequisites** | None |
| 7 | **Progression** | Further qualifications in this field may be developed. |
| 8 | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Understand how to investigate incidents and confidently carry out an investigation and be able to explain the process and report the results.<br>• To be able to appreciate why it is necessary that incident investigations are carried out.<br>• To be able to explain, describe and discuss how human and organizational factors contribute to incidents and to be able to recognise and explain these factors.<br>• To be able to implement different methodologies of investigation and to demonstrate and be able to select the most appropriate method. |
| 9 | **Related Guidelines** | None |
| 10 | **Assessment** | Multiple choice examination plus a case study presented in writing. |
| 11 | **Qualifications** | Attest |

# 1.43 Lithium-ion Batteries Fire Protection

| | | |
|---|---|---|
| **1** | **Level** | 2 |
| **2** | **Duration** | Minimum of 6 hours |
| **3** | **Credits / Points** | 6 |
| **4** | **Aim** | To provide an overview of the Hazards, interventions and preventive measures when using Lithium-ion batteries |
| **5** | **Target Public** | Fire Protection Manager, Fire safety Coordinator, safety managers risk and any interested parties. |
| **6** | **Prerequisites** | None – although it would be beneficial that delegates have a basic knowledge of fire prevention systems and techniques |
| **7** | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge in either Fire Safety or Risk Management |
| **8** | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Understand the chemistry, behaviour and operation of Lithium-ion batteries.<br>• Recognise potential fire hazards based on the size, output, type and construction method of the Lithium-ion batteries<br>• Participants should be able to distinguish factors that can lead to lithium-ion battery fires, such as overcharging, overheating, physical damage, manufacturing defects, or mishandling.<br>• Implement preventive measures. Participants should demonstrate best practices for preventing lithium-ion battery fires, including proper storage charging and handling procedures<br>• Formulate an effective response to battery fires and differentiate the causes and likely outcomes<br>• Implement a culture of safety within their organisation or community |
| **9** | **Related Guidelines** | 1 F; 13 F; 23 F; 41 F |
| **10** | **Assessment** | A practical and/or written assessment in the area that is designed for 30 minutes in duration. |
| **11** | **Qualifications** | Attest |

# 1.44 Risk Management of Hazardous Materials

| | | |
|---|---|---|
| 1 | **Level** | 4 |
| 2 | **Duration** | Minimum of 30 hours |
| 3 | **Credits / Points** | 30 |
| 4 | **Aim** | To provide learners with an integrated and holistic understanding of risk management of hazardous materials |
| 5 | **Target Public** | Executive and middle manager, specialists, safety managers, risk and consulting engineers, underwriters, consultants of insurers |
| 6 | **Prerequisites** | Basic understanding and experience in at least one aspect of practical safety management |
| 7 | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 4 or progress to more in-depth courses at Level 5 |
| 8 | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Verify the integration of risk management in form and content<br>• Monitor the selection of appropriate related regulatory frameworks and standards to the regulation and management of natural hazards.<br>• Co-ordinate the use of the basics of risk perception<br>• Appraise, verify, and communicate hazardous materials risks in the context of relating them to and distinguishing them from other existing system risks<br>• Critique methods of qualitative and quantitative risk assessment of hazardous materials (including risk analysis and rating)<br>• Select, check, and coordinate the integration of risk optimized safety measures, addressing whether to avoid, transfer, mitigate or retain the residual risk (i.e. crisis management and emergency planning)<br>• Coordinate, monitor, prioritize and justify adequate safety measures for the recognized risks by a number of criteria including cost-effectiveness<br>• Coordinate and integrate the use of risk management as a company management tool |
| 9 | **Related Guidelines** | 18 F; 28 F; 31 F |
| 10 | **Assessment** | Written examination plus a case study presented in writing or orally. |
| 11 | **Qualifications** | Diploma<br>Optional subtitle « Risk Manager of Hazardous Materials» |

# 1.45 Introduction to the Management of Hospital Fire Safety

| | | |
|---|---|---|
| 1 | **Level** | 4 |
| 2 | **Duration** | Minimum of 6 hours |
| 3 | **Credits / Points** | 6 |
| 4 | **Aim** | To provide learners with knowledge that will assist in the identification of fire risks and hazards in hospitals and similar premises |
| 5 | **Target Public** | Anyone involved in or responsible for the hotel or accommodation sector who is, or might become involved or responsible for fire safety in this specific environment |
| 6 | **Prerequisites** | Beneficial for learners to have completed the 3-day CFPA-E course Principles of Fire Safety at Work. For those responsible for the operation of larger hospitals (>200 beds) Guideline 11 recommends that the CFPA-E syllabus Fire Safety Technical Cycle is followed. |
| 7 | **Progression** | Courses from the CFPA qualifications framework to broaden knowledge at Level 4 or progress to more in-depth courses at Level 5 |
| 8 | **Learning Outcomes** | Upon successful completion of the course learners will be able to:<br>• Specify the principal problems in the organization and management of fire safety in this environment<br>• Select the different classifications of insurance appropriate to this activity<br>• Appraise the key causes of fires and associated hazards in such premises<br>• Appraise the main security and fire prevention, protection and first intervention systems and techniques that are available. Select and apply the appropriate systems to the existing and potential risks and hazards in this environment<br>• Appraise, using detailed knowledge, the systems universally used to prevent, identify, and suppress fire and in doing so protect people and property in hospital environments<br>• Evaluate the key management tools and techniques available to support fire safety in this environment, including record keeping, staff training etc.<br>• Develop the fire prevention, protection and first intervention systems and techniques which will include emergency evacuation and protection plans<br>• Coordinate an integrated maintenance schedule for the equipment in place for security, fire prevention and protection |
| 9 | **Related Guidelines** | 1 F; 2 F; 5 F; 11 F; 12 F; 13 F; 14 F; 16 F; 21 F |
| 10 | **Assessment** | A practical and/or written assessment in the area that is designed for 30 minutes in duration. |
| 11 | **Qualifications** | Attest<br>Optional subtitle «Management of Hotel Fire Safety CFPA-E» |

# Contact Details for Countries Running CFPA-E Courses

- Austria (office@bvs-ooe.at, www.bvs-ooe.at)
- Belgium (info@anpi.be, www.anpi.be)
- Czech Republic (info@git-eu.org, www.git-eu.org)
- Denmark (info@dbi-net.dk, www.dbi-net.dk)
- Finland (info@spek.fi, www.spek.fi)
- France (formation@cnpp.com, www.cnpp.com)
- Germany (ischlosser@vds.de, www.vds.de)
- Italy (isfop@networkaias.it, www.isfop.it)
- Norway (info@brannvernforeningen.no, www.brannvernforeningen.no
- Portugal (secretario.geral@apsei.org.pt, www.apsei.org.pt)
- Spain (mrodriguez@cepreven.com, www.cepreven.com)
- Sweden (utbildning@svbf.se, www.brandskyddsforeningen.se)
- Switzerland (expertise.services@safetycenter.ch, www.safetycenter.ch)
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