CFPAEUROPE®

FIRE PREVENTION, SECURITY AND NATURAL HAZARDS TRAINING

2025

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

Foundation date	1974
Website	www.cfpa-e.eu
Current members	21 European countries have members in CFPA Europe: • Albania: AFPRA www.afpra.al • Austria: BVS, www.bvs-ooe.at • Belgium: ANPI, www.anpi.be • Czech Republic: Majaczech www.majaczech.cz • Denmark: DBI, www.dbi-net.dk • Estonia: P.Kalas • Finland: SPEK, www.spek.fi • France: CNPP, www.cnpp.com/eng/ • Germany: VdS, www.vds.de; vfdb, www.vfdb.de • Greece: ELIPYKA, www.elipyka.org • Italy: AIAS, www.networkaias.it • Netherlands: VdS Nederland, www.vds-nederland.nl • Norway: NBF, www.brannvernforeningen.no • Portugal: APSEI, www.apsei.org.pt • Serbia: B.Vidakovic • Slovenia: SZPV, www.szpv.si • Spain: CEPREVEN, www.cepreven.com • Sweden: Brandskyddsföreningen, www.brandskyddsforeningen.se & Stöldskyddföreningen, www.stoldskyddsforeningen.se • Switzerland: Swiss Safety Center AG, www.safetycenter.ch • Turkey: NTSS, www.ntss.com.tr • United Kingdom: FPA, www.thefpa.co.uk Global members in CFPA Europe: • South Africa: R. Sewpersad, www.fpasa.co.za • South Korea: Y. Kang, www.kfpa.or.kr

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.

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

CFPA-E **Activities**	**Partners:** • European Network of Safety and Health Professional Organisations (ENSHPO) **are linked to the work of:** • the European Commission • the CEN/CENELEC standards activity • EURALARM and EUROFEU • Insurance Europe • the Comité Technique International du Feu (CTIF) • the European Group of Fire Test Laboratories (EGOLF)
CFPA-E **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 enterprises. • 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

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. • 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. • 2025: CFPA-E has a portfolio of 15 Diploma courses, 11 Certificate courses and 19 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. • Certificate course: 1–5 days recommended, written examination • Attest course: 1–5 days recommended, test

Fire Safety Commission

Aims	• By sharing experience, research, technical know-how, and fire statistics, the Fire Safety Commission aims to maximise the effectiveness of fire prevention and foster improved European fire safety codes and standards • It develops guidelines and presents recommendations for particular aspects of fire prevention & protection, 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. • 2002: The first Guideline «1:2002 Internal fire protection control» is ratified by the CFPA-E members. • 2025: Currently there are 44 ratified fire protection guidelines

Security Commission

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. • 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. • 2025: Currently there are 3 Diploma and 5 Attest courses and 14 ratified guidelines related to security.

Natural Hazard Commission

Aims	• By sharing experience, research, technical know-how, and fire statistics, the Natural Hazard Commission aims to maximise the effectiveness of prevention and and protection against natural hazards and foster improved European safety codes and standards • It develops guidelines and presents recommendations for particular aspects of 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 natural hazards and to minimise the consequent loss of life and destruction of property and businesses.
Achievements	• 2010: The Natural Hazard Group starts its work. • 2012: The first Guideline «1:2012 Protection against flood» is ratified by the CFPA-E members. • 2025: Natural Hazard Group became Natural Hazard Commission • 2025: Currently there are 10 ratified natural hazards guidelines

Marketing + Information Commission

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. • 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. • 2006: Website www.cfpa-e.eu goes live. • 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). • 2013: Relaunch of website

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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	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.								– inactive –									
1.6	Fire Safety and Security: Shopping Centres Specialist	Fire Safety Specialist for Shopping Centres CFPA-E	4	30	Dipl.								– inactive –									
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	Attest			✓	✓	✓		✓				✓	✓		✓	✓	✓	✓
1.20	Fire Safety during Construction Works	Construction Works Fire Safety Coordinator CFPA-E	3	6	Attest														✓		✓	✓
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	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		1	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. 87																					

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Members of the Training, Security, Fire Safety, Natural Hazard and Marketing + Information Commissions

CFPA-E Member	Training Commission	Security Commission	Fire Safety Commission	Natural Hazard Commission	Marketing and Information Commission
ALBANIA TRAJF Tirana Zalli Street, Selitë					
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DENMARK DBI, Jernholmen 12, DK-2650 Hvidovre	Pia Mark Email: pma@ brandogsikring.dk Phone: ++3634 9000 Direkte: +51647871	Jesper Florin Email: jfl@dbigroup.dk Phone: +45 36 34 90 00	Brian Vestergaard Jensen Email: bvj@ brandogsikring.dk Phone: +45 36 34 90 00		Søren Rønning Email: sro@dbigroup.dk Phone: +45 50 69 50 99
ESTONIA Kaido Taberland Päästeliit Sirge 2 10618 Tallinn					

CFPA-E Member	Training Commission	Security Commission	Fire Safety Commission	Natural Hazard Commission	Marketing and Information Commission
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NETHERLANDS VdS Nederland B.V. P.O. Box 7 - 1200 AA Hilversum					

CFPA-E Member	Training Commission	Security Commission	Fire Safety Commission	Natural Hazard Commission	Marketing and Information Commission
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CFPA-E Member	Training Commission	Security Commission	Fire Safety Commission	Natural Hazard Commission	Marketing and Information Commission
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UNITED KINGDOM Fire Protection Association, London Road, Moreton in Marsh, UK-Gloucestershire GL56 0RH	Luke Ventura Email: lventura@thefpa.co.uk	Don Oakley Email: doakley@thefpa.co.uk	George Edwardes Email: gedwardes@thefpa.co.uk	George Edwardes Email: gedwardes@thefpa.co.uk	James Stone Email: jstone@thefpa.co.uk Phone: +44 1608 812506 Mobile +44 7834868570

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CFPA-E Europe – Diploma, Certificate and Attest

CFPA-E Europe – Diploma Holders

Country	CFPA Diploma	Diploma Holders	Diploma Holders
		01.01.1991 - 31.12.2024	01.01.2024 - 31.12.2024
Austria	Fire Safety - Technical Cycle	131	25
Belgium	Fire Safety - Technical Cycle	420	0
Denmark	Fire Safety - Technical Cycle	577	51
	Security - Certificated Security Manager	474	16
	Security - Technical Cycle	129	0
Finland	Fire Safety - Technical Cycle	587	0
France	Fire Safety - Technical Cycle	10.827	247
	Fire Safety - Management Cycle	613	33
	Explosion Protection Manager	30	7
	Security - Technical Cycle	1.609	95
	Security - Management Cycle	273	14
	Thermografy	404	0
Germany	Fire Safety - Technical Cycle	11.164	61
	Thermografy	46	13
	Fire Safety - Management Cycle	394	9
	Fire Safety - Risk Management	208	12
	Thermography of Electrical Installations	93	0
	Security - Technical Cycle	1.094	59
	Security - Management Cycle	554	38
Italy	Fire Safety - Technical Cycle	1.266	2
Portugal	Fire Safety - Technical Cycle	71	3
	Security - Technical Cycle	82	0
	Security - Mangement Cycle	23	15
Spain	Fire Safety - Technical Cycle	543	24
Sweden	Fire Safety - Technical Cycle	539	13
	Fire Safety - Risk Assessment	388	13
	Fire Safety - Management Cycle	229	10
	Explosion Protection Manager	18	0
Switzerland	Fire Safety - Technical Cycle	1.560	18
	Risk Management of Natural Hazards	4	1
	Risk Management of Technical Safety	16	2
	Explosion Protection Manager	49	16
	Explosion Protection Officer	24	0
	Security - Certificated Security Manager	114	0
	Security - Technical Cycle	451	15
	Security - Mangement Cycle	2	2
Turkey	Fire Safety - Technical Cycle	8	8
	Fire Safety - Management Cycle	3	3
United Kingdom	Fire Safety - Technical Cycle	797	36
	Fire Safety - Management Cycle	83	16
	Fire Risk Assessment	667	0
Total		**36.564**	**877**

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
		01.01.2024 - 31.12.2024
Belgium	-	0
Denmark	-	0
Finland	Maintenance of Portable Fire Extinguishers	9
	Principles of Fire Safety at Work	11
France	Fire Investigation	85
	Principles of Fire Safety at Work	0
	Hot Works	0
	Maintenance of Portable Fire Extinguishers	0
Germany	Explosion	19
	Hot Works	8
Italy	Principles of Fire Safety at Work	0
	Explosion	0
Norway	Principles of Fire Safety at Work	22
Portugal	Explosion	0
	Installation and Inspection of Products for Passive Fire Protection in Buildings	0
	Maintenance of Portable Fire Extinguishers	47
Slovenia	Hot Works	35
	Installation and Inspection of Products for Passive Fire Protection in Buildings	127
Spain	Hot Works	5
	Fire Safety in Transformation Facilities	0
	Operator of Stationary Fire Protection Systems and Fire Extinguishers Containing Fluorinated Greenhouse Gases	74
Sweden	Classification of Explosive Hazardous Areas	8
	Principles of Fire Safety at Work	121
	Fire Safety during Construction Works	61
	Explosion	170
Switzerland	Principles of Fire Safety Engineering	0
	Principles of Fire Safety at work	1
	Explosion	37
	Installation and Inspection of Products for Passive Fire Protection in Buildings	1
Turkey	Hot Works	5
United Kingdom	Principles of Fire Safety at Work	0
	Maintenance of Portable Fire Extinguishers	141
	Hot Works	964
	Installation and Inspection of Products for Passive Fire Protection in Buildings	0
Total	-	**1.951**

CFPAEUROPE®

CONFEDERATION OF FIRE PROTECTION ASSOCIATIONS (EUROPE)

Logo of the national association

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)

CFPAEUROPE®

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)

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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.

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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.

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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.

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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.

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Guideline No.	Title	Summary
42:2024	Guidance document for Selection of Fire Protection Systems	This guideline presents a general method of choosing protection measures, which are applicable to any risk. When implementing measures for a specific risk, a person shall comply with the corresponding technical guidelines applicable in the particular case, e.g. fire protection systems. are normally the responsibility of those managing safety in companies.
43:2024	Foam Concentrates The selection criteria	Many industrial activities require the use and therefore the storage of flammable liquids, sometimes in large quantities. Fires involving this type of product (class B fires) are very often fought, whether by in-house teams or firefighters from the fire and rescue service, with the use of foam concentrates. Foam concentrates are thus one of the key factors in the fire protection strategy. However, other important factors must be taken into account in their use in order not to compromise the safety of people and property. This guideline provides the involved parties with relevant criteria for choosing an appropriate foam concentrate.

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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“.

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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 - 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, - 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, - 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.
2:2025/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~~	Included in No. 2.
4:2024/S	Guidance on keyholder selection and duties	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 Muse-ums 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.
6:2024/S	Security Guidelines for Safe Emergency Exit Doors in Non-Residential Premises	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 rganiza risks for physical property damage and for asset protection.

CFPA-E Guidelines

Guideline No.	Title	Summary
9:2024/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 rigorous controls on scrap metal trading but these should be supported by the type of security options discussed in this guide.
10:2025/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 organization through damage to competitiveness, market advantage, reputation and staff morale. These guidelines illustrate the risks and the action an organization 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, start-ing 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. In most cases, this means the use of mechanical or electronic protective devices. For this reason, security guidelines for the protection against bur-glary have been developed. 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.

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Guideline No.	Title	Summary
13:2024/S	Cybersecurity Basic level – Basic IT security	The organizations of today face a number of secu-rity-related challenges when it comes to collecting, processing, storing and transferring information. This standard is aimed primarily to small and me-dium-sized organizations that are in need of prac-tical action in order to effectively protect important information as part of their business. This document constitutes Basic level – basic IT security and should act as a first step in organiza-tions' efforts to enhance the ability to deal with risks linked with information management. This standard aims to specify requirements for certifi-cation in accordance with the basic level.
14:2025/S	Security report: Rental, storage and Exhibition of Art Objects	Objects of art represent high values and must be secu-red against damage and theft accordingly. This is often a challenge, as the art objects are also to be shown in exhibitions and museums. Added to this is the transport from one exhibition venue to another. The potential risks and the corresponding security mea-sures must be documented so that all parties involved - e.g. the owner, exhibitor and insurer of a painting - have a common basis for contractual agreements. This guideline provides a template for such a security report All relevant information is requested in this template: from general framework conditions to risks and protec-tive measures with regard to fire, burglary and natural hazards. The queries are specific to exhibition venues and the transport of art objects. The documentation is very easy to complete by ticking boxes or filling in tables.

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

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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:
		• Design and produce a fire safety policy. Produce, manage and modify the policy to the executive management of the organisation
		• Produce, manage and modify a fire safety plan as is relevant for the control of the fire risks in the company
		• With regard to fire protection, prevention and suppression systems and equipment:
		  • Assess the measures needed
		  • Assess the requirements of the systems and equipment
		  • Assess the purchases needed
		  • Assess the maintenance requirements
		  • Create a plan and justify to the executive management of the organisation
		• 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
		• 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
		• Manage and direct all personnel responsible for fire safety including fire wardens and fire intervention teams
		• 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 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: • Construct and design fire risk mitigation plans for buildings and the business based upon knowledgeable identification of fire risk • Generate plans incorporating detailed knowledge of the systems usually used to prevent, identify, and suppress fire and in doing so protect people and property • 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 • 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 • 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 • Assist in the management and direction of all personnel responsible for fire safety including fire wardens and fire intervention teams • 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 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: • Appraise fire risks in enterprises • Evaluate the various causes of fires • Formulate methods or procedures to minimize the risk and the consequences for each of the causes • Critique the different uses of prevention and protection systems and techniques. • Select the appropriate application of prevention and protection systems and techniques relative to the organisational requirement. • 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 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: • Appraise the principles and methodology of fire risk assessment • Use this knowledge to critique the differing requirements of carrying out a fire risk assessment • Select the relevant aspects of fire legislation, test for validity and relate as appropriate to fire risk assessment • Verify how workplace fire safety issues and hazards are related to the relevant risk assessments • Detect non-compliances with the regulations, attribute risk to hazards and relate these to the fire risk assessment report • Properly select the appropriate non-compliances with relevant regulations • 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 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: • Determine and appraise the principal problems in the organization and management of security and fire safety in this environment • Select appropriate regulatory frameworks and standards related to the regulation and management of this type of premises • Select the different classifications of insurance appropriate to this activity • 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 • 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 • Evaluate and coordinate solutions to fire safety or security issues • 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 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: • Determine and appraise the principal problems in the organization and management of security and fire safety in this environment • Select appropriate regulatory frameworks and standards related to the regulation and management of this type of premises • Select the different classifications of insurance appropriate to this activity • 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 • 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 • Evaluate and coordinate solutions to fire safety or security issues • 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 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:
		• 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
		• Design ways in which the factors associated with fire can be expressed in a quantitative way
		• Generate a detailed review of national standards for fire engineering
		• Plan for the practical application of performance-based design methods and techniques including:
		  • Designing and setting objectives – considering national standards and regulations.
		  • Generating success criteria via comparative and risk assessed solutions
		  • Create and compile building design considerations
		  • Generating and using design review
		  • Demonstrate knowledge of quantified analyses
		  • Designing a review of analysis against acceptance / success criteria
		  • Generating, designing and implementing fire safety strategies
		  • 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 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 • Explosion protection managers • 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: • Relate the requirements of dangerous substances and explosive atmosphere regulations to protection against explosions • Appraise the properties of flammable or explosive substances • Compare and contrast the causes and effects of different explosions • Select, classify and formulate actions to reduce hazards • Examine and select equipment, protection and control systems • 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 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 • Training and education required under national legislation to be able to work on electrical installations • 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: • Appraise the use of non-contact temperature measurements of electrical equipment and connections in all levels of voltage • Detect and analyse thermic abnormalities • Select the circumstances and conditions where this equipment would be used • Organise proper use of own equipment • Detect, examine and appraise each type of risk / hazard • Analyse, properly record and present the findings of the work • 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: • TVerify the integration of risk management in form and content • Monitor the selection of appropriate related regulatory frameworks and standards to the regulation and management of natural hazards. • Co-ordinate the use of the basics of risk perception • Appraise, verify and communicate natural hazard risks in the context of relating them to and distinguishing them from other existing system risks • Critique methods of qualitative and quantitative risk assessment of natural hazards (including risk analysis and rating) • 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) • Coordinate, monitor, prioritise and justify adequate safety measures for the recognised risks by a number of criteria including cost-effectiveness • 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 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: • Verify the integration of risk management in form and content • Monitor the selection of appropriate related regulatory frameworks and standards to the regulation and management of technical and/or process hazards. • Appraise, verify and communicate technical safety risks in the context of relating them to and distinguishing them from other existing system risks • Critique methods of qualitative and quantitative risk assessment of technical safety (including risk analysis and rating) • 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) • Coordinate, monitor, prioritise and justify adequate safety measures for the recognised risks by a number of criteria including cost-effectiveness • 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 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 • Fire engineers • Architects • Construction specialists • 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: • 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) • Appraise and evaluate fire safety equivalence with prescriptive guidance in building design • Examine the behaviour of fire in compartmented and non-compartmented structures • Relate existing guidance to these behaviours • Create, propose, evaluate and prioritise adequate safety measures for the recognised risks by a number of criteria including cost-effectiveness • 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: • Coordinate the training, testing and organisation of fire -fighting teams • Appraise the risk from fire in the workplace in a variety of different situations and conditions • Assist in the design and implementation of emergency plans • 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 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:
		• Prepare and organize the work, according to:
		  • company procedures
		  • manufacturer's technical specifications
		  • health and safety regulations
		  • national standards
		• 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:
		  • distinguish between fire extinguishers to define the type of maintenance to be performed
		  • 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
		  • examine and rectify the status of the fire extinguishers components
		  • organise the recharge of the fire extinguisher using the appropriate fire extinguishant
		  • select relevant procedures to close and pressurize (if necessary) the fire extinguisher, in accordance with the manufacturer´s instructions and relevant standards
		  • organise processes to verify the fire extinguisher, fit the seal and attach or sign the label of maintenance
		  • appraise the maintenance and upkeep of the machines and tools used in the fire extinguisher maintenance
		  • assess correct completion of the maintenance report

9	**Related Guidelines**	None
10	**Assessment**	Written exam and a compulsory practical examination
11	**Qualifications**	Certificate 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: • Demonstrate knowledge of the requirements of dangerous substances and explosive atmosphere regulations • Safely use flammable or explosive substances • Classify their properties • Execute practices which prevent or mitigate any fire or explosion caused by properties of flammable or explosive substances • Illustrate the effects of different explosions and how they might be controlled • Identify, classify and implement actions to reduce hazards • Use effective methods to choose equipment, protection and control systems • 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 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: • Appraise the requirements of dangerous substances and explosive atmosphere regulations • Organise use of flammable or explosive substances • Distinguish between their properties • Compare and contrast the properties of flammable or explosive substances • Structure the prevention or mitigation of any fire or explosion caused by properties of flammable or explosive substances • Distinguish the effects of different explosions and how they might be controlled • Select, classify and formulate actions to reduce hazards • Appraise methods for selection of appropriate equipment, protection and control systems • 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 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: • Select and appraise the main hazards associated with fire safety in transformation facilities • Select and test the different types of fire prevention measures in this environment • Use and integrate the specific regulations and standards related to transformation facilities in the general fire safety precautions of the buildings • 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 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. *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:
		• Organise work in those areas that might be classified as hazardous areas
		• Distinguish environmental issues (e.g. Kyoto Protocol)
		• 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
		• Compare and contrast the variety of systems available on the market and their use
		• Appraise proper use of pressurised containers
		• Structure the following activities in accordance with Regulation (EC) Nº 1497/2007, pursuant to Regulation (EC) Nº 517/2014:
		  • Leakage checking of applications containing three kilograms or more of fluorinated greenhouse gases
		  • Recovery and charging, also with regard to other [normal] fire extinguishers
		  • Installation of the systems
		  • 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 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: • Identify hot work risks • Assess risks in specific hot work situations • Implement the contents and requirements of national standards • Classify the characteristic risks of gases and aerosols used in hot works • Carry out the required safety measures prior to, during and after hot work activities • Implement the use of hot work tools in a safe manner • Identify alternate and safe work methods • 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. 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 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: • ISelect and appraise the principal problems and difficulties arising in the structure, organization and management of fire safety during construction work • Distinguish the key causes of fires and associated hazards during construction work and classification of those hazards in such circumstances • Compare and contrast those hazards and risks in the light of the type of construction methods in use at particular sites • Compare and select the different types of fire safety systems and equipment available to manage identified hazards • Relate each equipment or system to the type of maintenance regime required for their continued and safe use • 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 • Select the appropriate fire prevention, protection and first intervention systems and techniques including design of means of escape on the construction site • Organise and execute the development of emergency and protection plans. • 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 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: • Examine the basics of fire spread in buildings. Determine how passive fire protection can mitigate, reduce or prevent that spread • Distinguish between the different types of passive fire protection measures. Compare and contrast their use and their proficiency in preventing fire spread • Select and appraise the specific regulations and standards related to building products construction and maintenance of the provisions for fire protection of the buildings • 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) • Differentiate between products and appropriately appraise the requirements for their application, installation and maintenance • 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: • Carry out procedures that identify the risks and threats of fire specifically to a business or enterprise • Distinguish critical risk to businesses • Integrate fire protection measures in business operational procedures • 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: • Identify the fire safety roles and responsibilities within the organisation • Relate the nature of fire and how it spreads to the particular buildings and type of construction of the company or enterprise • Demonstrate an ability to describe and classify the risks and hazards of fire • Articulate the reasons why emergency procedures are implemented • Classify the different types of extinguisher and the fires for which they are used. • 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 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. 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: • Specify the principal problems in the organization and management of fire safety in this environment • Select the different classifications of insurance appropriate to this activity • Appraise the key causes of fires and associated hazards in such premises • 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 • 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 • Evaluate the key management tools and techniques available to support fire safety in this environment, including record keeping, staff training etc. • Develop the fire prevention, protection and first intervention systems and techniques which will include emergency evacuation and protection plans • 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 Optional subtitle «Management of Hotel Fire Safety CFPA-E»

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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: • Demonstrate evacuation techniques to other people in the organisation in a variety of situations including progressive horizontal evacuation in care homes and hospitals • Carry out an evacuation of a building or a practice evacuation of a building • Demonstrate building clearance techniques in evacuations • 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 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: • Appraise and evaluate critical risks to a business • Select appropriate codes and guidelines in order to ensure proper crisis management in the area of planning and organisation • Produce a plan to allow the business to continue operating during and after a critical event • Compose recommendations to the business to plan for events and to mitigate the effects of those events on the business • Prioritise the requirements to guarantee constant and smooth operations within the organisation • Direct internal and external communication of requirements • Co-ordinate the need for continuous monitoring and evaluation of the business continuity management plan • Co-ordinate the verification of the plan • 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 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. • responsible and nominated persons for water extinguishing systems/fire protection in companies, organisations and authorities • architects, engineers, consultants and planners • insurers • fire brigades 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: • Relate the scope of protection offered to premises using active sprinkler systems • Examine and test the components and operation of water extinguishing systems, incl. electronic monitoring, remote control, valves, pumps and types of suppression systems • Compare and contrast the principles of system design and basic water extinguishing systems operation in the main types of system [Wet, Dry, Alternate, Deluge] • Select the appropriate rules for planning and installation (e.g. EN 12845, CEA 4001), including classification of risks, special protection concepts • 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 ** 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. • responsible and nominated persons for water extinguishing systems/fire protection in companies, organisations and authorities • architects, engineers, consultants and planners • insurers • fire brigades 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: • Carry out the operation of water extinguishing systems, incl. electronic monitoring, remote control, valves, pumps and other types of suppression systems • 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 • Classify the principles of system design and basic water extinguishing systems operation in the main types of system [Wet, Dry, Alternate, Deluge] • Use the appropriate regulations for maintenance (e.g. EN 12845, CEA 4001). Demonstrate the use and content of applicable national codes and standards • 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 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 ** 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: • Carry out the operation of gas extinguishing systems, including electronic monitoring, remote control, valves, pumps and other types of suppression systems • Carry out work with pressurised containers in a safe manner and in compliance with the national rules and regulations relating to these containers • Classify the principles of system design and basic gas extinguishing systems operation in the main types of system • Distinguish between the different gases and agents in use and the rules, regulations and safety measures governing their use • Demonstrate the practical use and content of applicable national codes and standards • Explain the roles and responsibilities involved in the general maintenance of the gas system • 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 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 ** 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: • Carry out the local operation checks* on FDAS, including electronic monitoring, remote control and integration with other systems ** 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.* • Articulate basic design principles • Use the appropriate regulations for maintenance • Carry out end user maintenance in accordance with the guidelines and as appropriate to the system • Illustrate the varied roles and responsibilities involved in the maintenance of FDAS particularly from the user perspective. • Apply appropriate maintenance requirements in accordance with the national or European standards • 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 • Training and education required under national legislation to be able to work on electrical installations • 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: • Appraise the circumstances where this equipment would be used • Integrate the use of appropriate standards and codes of practice where applicable • Organise proper use of own equipment • Distinguish between each type of risk / hazard • Analyse, properly record and present the findings of the work • 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: • Formulate the overall risk management strategies for an organisation in the area of safety and security • 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 • 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. Diploma is awarded after examination. A minimum of a written examination plus a case study presented in writing or orally
11	**Qualifications**	Diploma 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: • Design and continuously improve complex security concepts that cover a wide range of security issues • Compose ongoing cost/benefit analyses to ensure efficient safety and security measures are taken. These measures may be equipment related or manpower related • Produce performance reviews. Assess and plan for development of employees • Design and produce plans for the operation, maintenance, repair and upgrade of security equipment • Produce summaries of performance. Select or justify changes or improvements to the existing provision of manpower or equipment • 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 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: • Select appropriate local and international codes and guidelines regarding security installations and equipment • 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 • 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. • Design a security concept based on the existing or on a hypothetical situation • 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 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: • Appraise the function, structure and design of key and access systems • Organise an existing system design • 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: • Understand, apply and organise the relevant security guidelines for perimeter protection including maintenance requirement • Compare systems and components of perimeter detection and protection systems • Integrate the appropriate perimeter protection alarm system into a new or existing security concept. • 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: • 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 • Generate evidence or provide hypothesis or useful predictions as to the cause of the fire • Generate details and reports which appraise the circumstances in which the fire took place • Prepare to investigate an incident involving fire and/or explosion • Produce a report on the investigation of incidents involving fire and/or explosion • 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: • Responsible and nominated persons for security in companies, organisations and authorities • Security consultants and planners • Employees of insurers • Police authorities • Private security companies 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: • Relate relevant local and international codes and guidelines to physical security techniques • Appraise the advantages and limitations of different physical security techniques • Integrate the appropriate physical security system into a new or existing security concept • 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.: • appointed responsible persons for security in companies, organisations and authorities • security consultants and planners • employees of insurance • police authorities • private security companies 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: • Relate the relevant local and international codes and guidelines to video surveillance systems • Appraise, compare and contrast the advantages and limitations of different video techniques and equipment • Examine systems and components of CCTV and related protection systems • Choose the appropriate video surveillance system with regard to a new or existing security system or concept • 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.: • appointed responsible persons for security in companies, organisations and authorities • security consultants and planners • employees of insurance • police authorities • private security companies 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: • Relate local and international codes and security guidelines to intruder alarm systems • Appraise the advantages and limitations of different intruder alarm techniques and equipment. Make recommendations for the preferred system in any particular example • Integrate the appropriate intruder alarm system into a new or existing security concept • Examine systems and components of intruder alarm systems. Analyse, compare and contrast their use • Implement and manage the relevant maintenance and documentation guidelines. • 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 ** 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: • Carry out the local operation checks* on the SHEVs, including electronic monitoring, remote control and integration with other systems ** 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. • Articulate basic design principles • Use the appropriate regulations for maintenance • Carry out end user maintenance in accordance with the guidelines and as appropriate to the system • Illustrate the varied roles and responsibilities involved in the maintenance of the SHEV particularly from the user perspective • Apply the appropriate maintenance requirements in accordance with national or European standards • Carry out required (e.g. weekly, monthly or 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 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: • Understand how to investigate incidents and confidently carry out an investigation and be able to explain the process and report the results. • To be able to appreciate why it is necessary that incident investigations are carried out. • 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. • 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: • Understand the chemistry, behaviour and operation of Lithium-ion batteries. • Recognise potential fire hazards based on the size, output, type and construction method of the Lithium-ion batteries • 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. • Implement preventive measures. Participants should demonstrate best practices for preventing lithium-ion battery fires, including proper storage charging and handling procedures • Formulate an effective response to battery fires and differentiate the causes and likely outcomes • 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: • Verify the integration of risk management in form and content • Monitor the selection of appropriate related regulatory frameworks and standards to the regulation and management of natural hazards. • Co-ordinate the use of the basics of risk perception • Appraise, verify, and communicate hazardous materials risks in the context of relating them to and distinguishing them from other existing system risks • Critique methods of qualitative and quantitative risk assessment of hazardous materials (including risk analysis and rating) • 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) • Coordinate, monitor, prioritize and justify adequate safety measures for the recognized risks by a number of criteria including cost-effectiveness • 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 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: • Specify the principal problems in the organization and management of fire safety in this environment • Select the different classifications of insurance appropriate to this activity • Appraise the key causes of fires and associated hazards in such premises • 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 • 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 • Evaluate the key management tools and techniques available to support fire safety in this environment, including record keeping, staff training etc. • Develop the fire prevention, protection and first intervention systems and techniques which will include emergency evacuation and protection plans • 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 Optional subtitle «Management of Hotel Fire Safety CFPA-E»

Contact Details for Countries Running CFPA-E Courses

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- Denmark (info@dbi-net.dk, www.dbi-net.dk)
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- France (formation@cnpp.com, www.cnpp.com)
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