

Unit FSC1 - Fire Safety

Reference information provided, in particular web links, was correct as of 21/05/2021.

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Element 1 - Managing fire safety

Best Practice Guide to Fire Safety, Fire Industry Association

http://www.fia.uk.com/filemanager/root/site_assets/news/fia_best_practice_guide_published_oct_2011.pdf

British Standards for fire safety (for example, fire alarm systems, emergency lighting, fire signs, portable firefighting equipment, fire safety management and the code of practice for non-automatic firefighting systems in buildings, PAS 79 Fire Safety Risk Assessment)

Fire Code, 2012 Edition - NFPA 1

Fire protection documentation - CFPA-E Guideline No 13:2006 http://www.cfpa-e.eu/wp-content/uploads/files/guidelines/Guideline_No_13_2006.pdf

Fire Safety Guidance booklet 'Are you aware of your responsibilities?' - Scottish Executive (Safer Scotland). http://www.firelawscotland.org/files/Summary_Guide_Full.pdf

Guidance signs, emergency lighting and general lighting - CFPA-E Guideline No 5:2003 http://www.cfpa-e.eu/wp-content/uploads/files/guidelines/Guideline_No_5_2003.pdf

Health and safety made simple, INDG449, HSE Books <http://www.hse.gov.uk/pubns/indg449.htm>

HSE, 'Managing for health and safety' <http://www.hse.gov.uk/managing/>

HSE, The Health and Safety Toolbox: how to control risks at work <http://www.hse.gov.uk/toolbox/>

International Fire Code, International Code Council (ICC), ISBN: 978-1609-8304-65

Securing the operational readiness of fire control systems - CFPA-E Guideline No 23:2010 F http://www.cfpa-e.eu/wp-content/uploads/files/guidelines/CFPA_E_Guideline_No_23_2010_F.pdf

UK Department for Communities and Local Government practical fire safety guidance, which can be found at <http://www.gov.uk/workplace-fire-safety-your-responsibilities/fire-safetyadvice-documents>

Element 2 – The principles of combustion, fire growth and fire spread

European Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures (CLP Regulation), adopting in the EU the Globally Harmonised System (GHS)

https://ec.europa.eu/growth/sectors/chemicals/classification-labelling_en

Fire protection on chemical manufacturing sites – CFPA Europe Guideline No 18:2008,
http://www.cfpa-e.eu/wp-content/uploads/files/guidelines/CFPA_E_Guideline_No_18_2013_F.pdf

Flammable and Combustible Liquids Code, 2012 Edition- NFPA 30 <https://www.nfpa.org/codes-and-standards/all-codes-and-standards/list-of-codes-and-standards/detail?code=30>

Guidelines for vapour cloud explosion, pressure vessel burst, BLEVE and flash fire hazards, Centre for Chemical Process Safety, Centre for Chemical Process Safety, second edition 2010, ISBN: 978-0-4702-5147-8

International Fire Code, ICC, ISBN: 978-1609-8304-65,
<https://www.ci.independence.mo.us/userdocs/ComDev/2018%20INTL%20FIRE%20CODE.pdf>

Safety in the Use of Chemicals at Work, International Labour Office (ILO) Code of Practice (CoP), ILO, 1993. ISBN: 92-2-108006-4, Section 6: Operational control measures and Section 7: Design and installation http://www.ilo.org/wcmsp5/groups/public/---ed_protect/---protrav/---safework/documents/normativeinstrument/wcms_107823.pdf

Utility LP Gas Plant Code - NFPA 59, <https://www.nfpa.org/codes-and-standards/all-codes-and-standards/list-of-codes-and-standards/detail?code=59>

Safe Handling of Combustible Dusts – precautions against explosions, HSG103, HSE Books ISBN: 978-0-7176-2726-4 <http://www.hse.gov.uk/pubns/priced/hsg103.pdf>

The Building Regulations 2010 Approved Document B - Fire Safety, Volume 2, Buildings other than dwelling houses https://www.planningportal.co.uk/info/200135/approved_documents/63/part_b_-_fire_safety/2

Dangerous Substances and Explosives Atmospheres Regulations 2002 (ACOP) (L138), HSE Books 978-0-7176-6616-4 <http://www.hse.gov.uk/pubns/priced/l138.pdf>

Safe use and handling of flammable liquids, HSG140, HSE Books, ISBN: 978-0-7176-0967-3
<http://www.hse.gov.uk/pubns/priced/hsg140.pdf>



The storage of flammable liquids in containers, HSG51, HSE Books, ISBN: 978-0-7176-1471-4
<http://www.hse.gov.uk/pubns/priced/hsg51.pdf>

The storage of flammable liquids in tanks, HSG176, first edition 1998, HSE Books, ISBN: 978-0-7176-1470-7 <http://www.hse.gov.uk/pubns/priced/hsg176.pdf>

Element 3 – Fuel, oxygen and ignition sources and control measures

Fire protection on chemical manufacturing sites, CFP A-E Guideline No 18:2008 [http://www.cfpa-e.eu/wp-content/uploads/files/guidelines/CFPA E Guideline No 18 2013 F.pdf](http://www.cfpa-e.eu/wp-content/uploads/files/guidelines/CFPA_E_Guideline_No_18_2013_F.pdf)

National Electrical Code, NFPA 70:2014

Safety in the Use of Chemicals at Work, International Labour Office (ILO) Code of Practice (CoP), ILO, 1993. ISBN: 92-2-108006-4

Section 6: Operational control measures and

Section 7: Design and installation http://www.ilo.org/wcmsp5/groups/public/---ed_protect/---protrav/---safework/documents/normativeinstrument/wcms_107823.pdf

Utility LP Gas Plant Code, NFPA 59:2012

Risk Control, Arson Prevention, The protection of premises from deliberate fire raising, [http://www.stoparsonuk.org/documents/resources/RC48ArsonPreventiontheProtectionofPremises\[1\].pdf](http://www.stoparsonuk.org/documents/resources/RC48ArsonPreventiontheProtectionofPremises[1].pdf)

Requirements for Electrical Installations, IET Wiring Regulations (17th Edition incorporating amendment No.1), BS 7671:2008 Incorporating Amendment No 1: 2011

Safe use and handling of flammable liquids, HSG140, HSE Books, ISBN: 978-0-7176-0967-3 <http://www.hse.gov.uk/pubns/priced/hsg140.pdf>

Storage of Full and Empty LPG Cylinders and Cartridges (March 2004) - UK LPG, Code of Practice 7

The storage of flammable liquids in containers, HSG51, second edition 1998, HSE Books, ISBN: 978-0-7176-1471-4 <http://www.hse.gov.uk/pubns/priced/hsg51.pdf>

The storage of flammable liquids in tanks, HSG176, first edition 1998, HSE Books, ISBN: 978-0-7176-1470-7 <http://www.hse.gov.uk/pubns/priced/hsg176.pdf>

Atex Directive 99/92/EC <http://www.hse.gov.uk/fireandexplosion/atex.htm>

A guide to the Control of Major Accident Hazards Regulations 1999 (as amended), guidance on regulations, L111, second edition 2006, HSE Books, ISBN: 978-0-7176-3175-X- <http://www.hse.gov.uk/pubns/books/l111.htm>



Dangerous substances and explosive atmospheres,

Dangerous Substances and Explosive Atmospheres Regulations 2002, ACoP and guidance, L138, first edition 2003, HSE Books, ISBN: 978-0-7176-2203-0 <http://www.hse.gov.uk/pubns/books/l138.htm>

Element 4 - Fire protection of buildings

Directive 89/391/EEC - OSH Framework Directive <https://osha.europa.eu/en/legislation/directives/the-osh-framework-directive/1>

Emergency Plan (section 3.3) - CFPA-Europe Guideline No 25:2010 F http://www.cfpa-e.eu/wp-content/uploads/files/guidelines/CFPA_E_Guideline_No_25_2010_F.pdf

Fire detection and alarm systems - ISO 7240 series

Fire protection, portable and wheeled fire extinguishers:

Part 1: Selection and installation - ISO/TS 11602-1:2010

Part 2: Inspection and maintenance - ISO/TS 11602-2:2010

Fire protection documentation - CFPA-Europe Guideline No 13:2006 http://www.cfpa-e.eu/wp-content/uploads/files/guidelines/Guideline_No_13_2006.pdf

Graphical symbols - safety colours and safety signs. Safety signs used in workplaces and public areas – ISO 7010:2011 (last amendment 5:2014)

International Building Code, ICC 2012, ISBN:978-1-6098-3044-1

International Existing Building Code, ICC 2012, ISBN:978-1-6098-3044-1

International Fire Code, ICC, ISBN: 978-1-6098-3046-5

National Fire Alarm and Signalling Code (NFPA 72), 2013 Edition

BS5839-1:2013 - Fire detection and fire alarm systems for buildings, code of practice for design, installation, commissioning and maintenance of systems in non-domestic premises

BS9999:2008 - Code of practice for fire safety in the design, management and use of buildings

The Building Regulations 2010 Approved Document B - Fire Safety, Volume 2, Buildings other than dwelling houses https://www.planningportal.co.uk/info/200135/approved_documents/63/part_b_-_fire_safety/2

The Building Regulations 2010, Approved Document M - Access to and use of buildings https://www.planningportal.co.uk/info/200135/approved_documents/80/part_m_-_access_to_and_use_of_buildings/3



Securing the operational readiness of fire control systems - CFPA-Europe Guideline No 23:2010 F
http://www.cfpa-e.eu/wp-content/uploads/files/guidelines/CFPA_E_Guideline_No_23_2010_F.pdf

Standard for Portable Fire Extinguishers (NFPA 10), 2013 Edition

Safety signs and signals, The Health and Safety (Safety Signs and Signals) Guidance on Regulations, L64, HSE Books, ISBN: 978-0-7176-6359-0 <http://www.hse.gov.uk/pubns/priced/l64.pdf>

Fire detection and fire alarm systems for buildings - BS5839, Parts 1 and 6

Guide to Building Fire Protection - Fire Protection Association (FPA)

Element 5 - Safety of people in the event of fire

Guidelines for assessing the fire threat to people – BS ISO 19706:2011

Emergency plan, CFPA-Europe Guideline No 25:2010 F [http://www.cfpa-e.eu/wp-content/uploads/files/guidelines/CFPA E Guideline No 25 2010 F.pdf](http://www.cfpa-e.eu/wp-content/uploads/files/guidelines/CFPA_E_Guideline_No_25_2010_F.pdf)

Fire protection documentation, CFPA-Europe Guideline No 13:2006

[http://www.cfpa-e.eu/wp-content/uploads/files/guidelines/Guideline No 13 2006.pdf](http://www.cfpa-e.eu/wp-content/uploads/files/guidelines/Guideline_No_13_2006.pdf)

Fire protection in offices, CFPA-Europe Guideline No 16:2008

[http://www.cfpa-e.eu/wp-content/uploads/files/guidelines/CFPA E Guideline No 16 2008.pdf](http://www.cfpa-e.eu/wp-content/uploads/files/guidelines/CFPA_E_Guideline_No_16_2008.pdf)

International Fire Code, ICC, ISBN: 978-1-6098-3046-5

Health and safety made simple, INDG449, HSE Books <http://www.hse.gov.uk/pubns/indg449.htm>

HSE, 'Managing for health and safety' <http://www.hse.gov.uk/managing/>

HSE, The Health and Safety Toolbox: how to control risks at work <http://www.hse.gov.uk/toolbox/>

Element 6 - Fire safety risk assessment

Dangerous Substances and Explosive Atmospheres Regulations 2002, (ACOP) L138, HSE Books, ISBN: 978-0-717622-03-0 <http://www.hse.gov.uk/pubns/priced/l138.pdf>

Fire Risk Assessment, guidance and a recommended methodology, PAS 79:2020

Guidelines for assessing the fire threat to people – BS ISO 19706:2011

Emergency plan, CFPA-Europe Guideline No 25:2010 F, [http://www.cfpa-e.eu/wp-content/uploads/files/guidelines/CFPA E Guideline No 25 2010 F.pdf](http://www.cfpa-e.eu/wp-content/uploads/files/guidelines/CFPA_E_Guideline_No_25_2010_F.pdf)

Fire protection documentation, CFPA-Europe Guideline No 13:2006, [http://www.cfpa-e.eu/wp-content/uploads/files/guidelines/Guideline No 13 2006.pdf](http://www.cfpa-e.eu/wp-content/uploads/files/guidelines/Guideline_No_13_2006.pdf)

Fire protection in offices, CFPA-Europe Guideline No 16:2008, [http://www.cfpa-e.eu/wp-content/uploads/files/guidelines/CFPA E Guideline No 16 2008.pdf](http://www.cfpa-e.eu/wp-content/uploads/files/guidelines/CFPA_E_Guideline_No_16_2008.pdf)

HSE, 'Managing for health and safety' <http://www.hse.gov.uk/managing/HSE>, The Health and Safety Toolbox: how to control risks at work <http://www.hse.gov.uk/toolbox/>

Health and safety made simple, INDG449, HSE Books <http://www.hse.gov.uk/pubns/indg449.htm>

International Fire Code, ICC, ISBN: 978-1-6098-3046-5

Plan, Do, Check, Act - An introduction to managing for health and safety, INDG275 (rev 1), HSE books <http://www.hse.gov.uk/pubns/indg275.htm>