

DN3 - Do – controlling workplace safety issues

Reference information provided, in particular web links, was correct as of 14.10.25.

Element 1: Safe working environment

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Lighting at Work, HSG38, HSE Books, ISBN: 978-0-7176-1232-1, https://www.hse.gov.uk/pubns/priced/hsg38.pdf

Workplace health, safety and welfare, Workplace (Health, Safety and Welfare) Regulations 1992, ACOP, L24, HSE Books, ISBN: 9780717665839, http://www.hse.gov.uk/pubns/books/l24.htm



Element 2: Confined spaces

Confined spaces - A brief guide to working safely, INDG258, HSE, https://www.hse.gov.uk/pubns/indg258.pdf

Guidance on permit-to-work systems - A guide for the petroleum, chemical and allied industries, HSG250, HSE, https://www.hse.gov.uk/pubns/priced/hsg250.pdf

Safe work in confined spaces, Approved Code of Practice and guidance, L101, HSE Books, ISBN: 978-0-7176-6622-5, http://www.hse.gov.uk/pubns/books/l101.htm



Element 3: Fire and explosion

Chemical warehousing - The storage of packaged dangerous substances, HSG71, HSE, ISBN 978-0-7176-6237-1, https://www.hse.gov.uk/pubns/priced/hsg71.pdf

Controlling fire and explosion risks in the workplace, INDG370, HSE, http://www.hse.gov.uk/pubns/indg370.pdf

Control of Major Accident Hazards Regulations 2015, L111, HSE, ISBN: 978-0-7176-6605-8, http://www.hse.gov.uk/pubns/priced/l111.pdf

Dangerous substances and explosive atmospheres - Dangerous Substances and Explosive Atmospheres Regulations 2002 Approved Code of Practice and guidance, L138, HSE, ISBN: 978-0-7176-6616-4, https://www.hse.gov.uk/pubns/priced/l138.pdf

Electricity at Work Regulations 1989 - Guidance on Regulations, HSR25, HSE ISBN: 978-0-7176-6636-2, https://www.hse.gov.uk/pubns/books/hsr25.htm

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

Storage of flammable liquids in containers, HSG51, HSE, ISBN:978-0-7176-6608-9, https://www.hse.gov.uk/pubns/priced/hsg51.pdf

Storage of flammable liquids in tanks, HSG176, HSE, ISBN:978-0-7176-6607-2, https://www.hse.gov.uk/pubns/priced/hsg176.pdf

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Flixborough (Nypo UK) Explosion - accident summary, http://www.hse.gov.uk/comah/sragtech/caseflixboroug74.htm

Hickson and Welch 1992 (confined vapour explosion) - accident summary, https://www.hse.gov.uk/comah/sragtech/casehickwel92.htm

Mexico City 1984 (boiling liquid expanding vapour explosion - BLEVE) - accident summary, http://www.hse.gov.uk/comah/sragtech/casepemex84.htm



Flement 4: Fire

Building Regulations, Approved Document B - Fire Safety: Volume 2 - Buildings other than dwelling houses, Planning Portal Link to Approved Document B,

https://assets.publishing.service.gov.uk/media/67d17064a005e6f9841a1d50/Approved Document B volume 2 Buildings other than Dwellings 2019 edition incorporating 2020 2022 and 2025 amend ments collated with 2026 and 2029 amendments.pdf

Building Regulations (Northern Ireland) 2012, Technical Booklet E, http://www.buildingcontrol-ni.com/assets/pdf/TechnicalBookletE2012.pdf

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Fire Safety Risk Assessment series, UK Government Publications: https://www.gov.uk/workplace-fire-safety-your-responsibilities/fire-risk-assessments

- 1. Offices and shops, ISBN 978-1-8511-2815-0
- 2. Factories and warehouses, ISBN 978-1-8511-2816-7
- 3. Sleeping accommodation, ISBN 978-1-8511-2817-4
- 4. Residential care premises, ISBN 978-1-8511-2818-1
- 5. Educational premises, ISBN 978-1-8511-2819-8
- 6. Small and medium places of assembly, ISBN 978-1-8511-2820-4
- 7. Large places of assembly, ISBN 978-1-8511-2821-1
- 8. Theatres, cinemas and similar premises, ISBN 978-1-8511-2822-8
- 9. Open air events and venues, ISBN 978-1-8511-2823-5
- 10. Healthcare premises, ISBN 978-1-8511-2824-2
- 11. Transport premises and facilities, ISBN 978-1-8511-2825-9
- 12. Means of escape for disabled people, ISBN: 978-1-8511-2873-0

Managing risks and risk assessment at work, HSE, https://www.hse.gov.uk/simple-health-safety/risk/index.htm



Element 5: Dangerous substances

Carriage of dangerous goods (CDG), HSE website, https://www.hse.gov.uk/cdg/

Controlling fire and explosion risks in the workplace; A brief guide to the Dangerous substances and Explosive Atmospheres Regulations, INDG370, HSE, http://www.hse.gov.uk/pubns/indg370.pdf

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Globally Harmonized System of Classification and Labelling of Chemicals (GHS), http://www.unece.org/trans/danger/publi/ghs/ghs rev06/06files e.html#c38156

Notification and marking of sites - The Dangerous Substances (Notification and Marking of Sites) Regulations 1990 Guidance on Regulations, HSR29, HSE, ISBN 978 0 1188 5435 1, https://www.hse.gov.uk/pubns/priced/hsr29.pdf

Safe use and handling of flammable liquids, HSG140, HSE, ISBN:978 0 7176 6609 6, https://www.hse.gov.uk/pubns/priced/hsg140.pdf

Storage of flammable liquids in containers, HSG51, HSE, ISBN:978 0 7176 6608 9, https://www.hse.gov.uk/pubns/priced/hsg51.pdf

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Albright and Wilson, Avonmouth, fire - accident summary, http://www.hse.gov.uk/comah/sragtech/casealbright96.htm

Allied Colloids, Bradford, fire in a raw materials warehouse – accident summary, https://www.hse.gov.uk/comah/sragtech/casealliedcol92.htm

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Mexico City 1984 (boiling liquid expanding vapour explosion - BLEVE) - accident summary, http://www.hse.gov.uk/comah/sragtech/casepemex84.htm



Element 6: Work equipment and machinery maintenance

Machinery safety, HSE website, https://www.hse.gov.uk/work-equipment-machinery/introduction.htm

Providing and using work equipment safely, A brief guide, INDG291, HSE Books, http://www.hse.gov.uk/pubns/indg291.pdf

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Safety of pressure systems, Approved Code of Practice and guidance, L122, HSE Books, ISBN: 978-0-7176-6644-7, http://www.hse.gov.uk/pubns/books/l122.htm



Element 7: Work equipment

Pressure Equipment Safety Regulations 2016 - Guidance, Office for Product Safety & Standards, https://www.gov.uk/government/publications/pressure-equipment-safety-regulations-2016

Pressure systems – A brief guide to safety, INDG261, HSE, https://www.hse.gov.uk/pubns/indg261.pdf

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Written schemes of examination - Pressure Systems Safety Regulations 2000, INDG178, HSE, https://www.hse.gov.uk/pubns/indg178.pdf



Element 8: Machinery

Buying new machinery - A short guide to the law and your responsibilities when buying new machinery for use at work, INDG271, HSE, https://www.hse.gov.uk/pubns/indg271.pdf

Guide to application of the Machinery Directive 2006/42/EC, European Commission, https://ec.europa.eu/docsroom/documents/38022

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OSH and the Future of Work: benefits and risks of artificial intelligence tools in workplaces, European Agency for Safety and Health at Work, https://osha.europa.eu/en/publications/osh-and-future-work-benefits-and-risks-artificial-intelligence-tools-workplaces

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Six tips for managers when assessing automation hazards (article), The National Law Review, https://www.natlawreview.com/article/six-tips-managers-when-assessing-automation-hazards

Supply of Machinery (Safety) Regulations 2008 As they apply to machinery being supplied in or into Great Britain, Office for Product Safety & Standards,

https://www.gov.uk/government/publications/supply-of-machinery-safety-regulations-2008

Supply of Machinery (Safety) Regulations 2008 As they apply to machinery being supplied in or into Northern Ireland, Office for Product Safety & Standards,

https://www.gov.uk/government/publications/supply-of-machinery-safety-regulations-2008



Element 9: Mobile work equipment and lifting equipment

A guide to workplace transport safety, HSG136, HSE, https://www.hse.gov.uk/pubns/priced/hsg136.pdf

Lifting Operations and Lifting Equipment Regulations 1998. Approved Code of Practice and guidance, L113, HSE, ISBN:978 0 7176 6586 0, https://www.hse.gov.uk/pubns/priced/l113.pdf

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Rider-operated lift trucks - Operator training and safe use. Approved Code of Practice and guidance, L117, HSE, ISBN: 978 0 7176 6441 2, https://www.hse.gov.uk/pubns/priced/l117.pdf

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Working platforms (non-integrated) on forklift trucks, Guidance Note PM28, HSE, https://www.hse.gov.uk/pubns/pm28.pdf



Element 10: Electricity

A guide to the Safe Use of Mechanical Plant in the Vicinity of Electrical Overhead Lines, Energy Networks Association, https://www.energynetworks.org/industry-hub/resource-library/mechanical-plant-safety-advice.pdf

Avoiding danger from overhead power lines, GS6, HSE, https://www.hse.gov.uk/pubns/gs6.pdf

Avoiding danger from underground services, HSG47, ISBN: 978-0-7176-6584-6, HSE Books, https://www.hse.gov.uk/pUbns/priced/hsg47.pdf

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Electricity at Work - Safe Working Practices, HSG85, HSE, ISBN:978 0 7176 6581 5, https://www.hse.gov.uk/pubns/priced/hsg85.pdf

Health and safety in construction, HSG150, HSE, ISBN:978 0 7176 6182 2, https://www.hse.gov.uk/pubns/priced/hsg150.pdf

Maintaining portable electrical equipment, HSG107, HSE, ISBN:978 0 7176 6606 5, https://www.hse.gov.uk/pubns/priced/hsg107.pdf

Safe use of vehicles on construction sites: A guide for clients, designers, contractors, managers and workers involved with construction transport, HSG144, HSE, ISBN:978 0 7176 6291 3, https://www.hse.gov.uk/pubns/priced/hsg144.pdf

Work near electricity, HSE website, https://www.hse.gov.uk/electricity/nearelectric.htm



Element 11: Construction, work at height, demolition and excavation

A guide to the Safe Use of Mechanical Plant in the Vicinity of Electrical Overhead Lines, Energy Networks Association, https://www.energynetworks.org/industry-hub/resource-library/mechanical-plant-safety-advice.pdf

Avoiding danger from overhead power lines, GS6, HSE, https://www.hse.gov.uk/pubns/gs6.pdf

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Demolition, what you need to do, HSE website, https://www.hse.gov.uk/construction/safetytopics/demolition.htm

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Safe use of vehicles on construction sites: A guide for clients, designers, contractors, managers and workers involved with construction transport, HSG144, HSE, ISBN:978 0 7176 6291 3, https://www.hse.gov.uk/pubns/priced/hsg144.pdf

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Structural stability during excavations, what you need to do, HSE website, https://www.hse.gov.uk/construction/safetytopics/excavations.htm

Working at Height: A brief guide, INDG401, HSE Books, http://www.hse.gov.uk/pubns/indg401.pdf

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Element 12: Workplace transport and work-related driving

A guide to workplace transport safety, HSG136, HSE https://www.hse.gov.uk/pubns/priced/hsg136.pdfAvoiding danger from overhead power lines, GS6, HSE, https://www.hse.gov.uk/pubns/qs6.pdf

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