

# Unit IDA - Managing health and safety

*Reference information provided, in particular web links, was correct as of 03/04/17.*

## Contents

|                                                                          |    |
|--------------------------------------------------------------------------|----|
| Element IA1 - Principles of health and safety management.....            | 2  |
| Element IA2 - Regulating health and safety .....                         | 3  |
| Element IA3 - Loss causation and incident investigation .....            | 4  |
| Element IA4 - Measuring and reviewing health and safety performance..... | 5  |
| Element IA5 - The assessment and evaluation of risk.....                 | 6  |
| Element IA6 - Risk control.....                                          | 7  |
| Element IA7 - Organisational factors .....                               | 8  |
| Element IA8 - Human factors.....                                         | 9  |
| Element IA9 - The role of health and safety practitioner.....            | 10 |
| Health and Safety Incidents .....                                        | 10 |

## Element IA1 - Principles of health and safety management

Occupational Health Services Convention C161, 1985, ILO,

[http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100\\_ILO\\_CODE:C161](http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100_ILO_CODE:C161)

Promotional Framework for Occupational Safety and Health Recommendation R197, 2006, ILO,

[http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100\\_ILO\\_CODE:R197](http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100_ILO_CODE:R197)

Occupational Safety and Health Convention, C155, 1981, ILO,

[http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100\\_ILO\\_CODE:C155](http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100_ILO_CODE:C155)

Occupational Safety and Health Recommendation, R164, 1981, ILO,

[http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO:12100:P12100\\_INSTRUMENT\\_ID:312502:NO](http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO:12100:P12100_INSTRUMENT_ID:312502:NO)

BS OHSAS 18001:2007 Occupational Health and Management Systems: Specification

Promotional Framework for Occupational Safety and Health Convention, C187, 2006, ILO,

[http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100\\_ILO\\_CODE:C187](http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100_ILO_CODE:C187)

Promotional Framework for Occupational Safety and Health Recommendation, R197, 2006, ILO,

[http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO:12100:P12100\\_INSTRUMENT\\_ID:312534:NO](http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO:12100:P12100_INSTRUMENT_ID:312534:NO)

Encyclopaedia of Occupational Health and Safety, ILO, <http://www.iloencyclopaedia.org/preface-69563>

ILO-OSH-2001 Guidelines on Occupational Health and Safety Management Systems, ILO, 2001

[http://www.ilo.org/global/publications/ilo-bookstore/order-online/books/WCMS\\_PUBL\\_9221116344\\_EN/lang--en/index.htm](http://www.ilo.org/global/publications/ilo-bookstore/order-online/books/WCMS_PUBL_9221116344_EN/lang--en/index.htm)

Occupational health and safety management systems – requirements (OHSAS 18000 series)

OHSAS 18001 - ISBN: 978-0-5805-9404-5, OHSAS 18002 - ISBN: 978-0-5806-2686-9

ISO 9001:2015 Series Quality Management Systems - Requirements

ISO 14001:2015 Series Environmental Management Systems - Requirements

## Element IA2 - Regulating health and safety

Occupational Health Services Convention C161, 1985, ILO,

[http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100\\_ILO\\_CODE:C161](http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100_ILO_CODE:C161)

Promotional Framework for Occupational Safety and Health Recommendation R197, 2006, ILO,

[http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100\\_ILO\\_CODE:R197](http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100_ILO_CODE:R197)

Occupational Safety and Health Convention, C155, 1981, ILO,

[http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100\\_ILO\\_CODE:C155](http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100_ILO_CODE:C155)

Occupational Safety and Health Recommendation, R164, 1981, ILO, BS OHSAS 18001:2007

Occupational Health and Management Systems: Specification

Promotional Framework for Occupational Safety and Health Convention, C187, 2006, ILO,

[http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100\\_ILO\\_CODE:C187](http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100_ILO_CODE:C187)

Promotional Framework for Occupational Safety and Health Recommendation, R197, 2006, ILO,

[http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO:12100:P12100\\_INSTRUMENT\\_ID:312534:NO](http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO:12100:P12100_INSTRUMENT_ID:312534:NO)

Enforcement Policy Statement, HSE41, <http://www.hse.gov.uk/pubns/hse41.pdf>

## Element IA3 - Loss causation and incident investigation

List of Occupational Diseases Recommendation (No. 194), R194, 2002,

[http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100\\_INSTRUMENT\\_ID:312532](http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100_INSTRUMENT_ID:312532)

Protocol of 2002 to the Occupational Safety and Health Convention, P155, 1981,

[http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO:12100:P12100\\_INSTRUMENT\\_ID:312338:NO](http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO:12100:P12100_INSTRUMENT_ID:312338:NO)

Occupational Health Services Convention C161, 1985, ILO,

[http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100\\_ILO\\_CODE:C161](http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100_ILO_CODE:C161)

Occupational Health Services Recommendation R197, 2006, ILO,

[http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100\\_ILO\\_CODE:R197](http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100_ILO_CODE:R197)

Occupational Safety and Health Convention, C155, 1981, ILO,

[http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100\\_ILO\\_CODE:C155](http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100_ILO_CODE:C155)

Occupational Safety and Health Recommendation, R164, 1981, ILO,

[http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO:12100:P12100\\_INSTRUMENT\\_ID:312502:NO](http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO:12100:P12100_INSTRUMENT_ID:312502:NO)

Bird F E, 1974. Management guide to Loss Control, Institute Press, Atlanta, Georgia, USA

IIRSM Code of Ethics, <http://www.iirsm.org/code-ethics>

IOSH Code of Conduct, <http://www.iosh.co.uk/About-us/Regulating-the-profession.aspx>

Leading health and safety at work, INDG417, <http://www.hse.gov.uk/pubns/indg417.pdf>

## Element IA4 - Measuring and reviewing health and safety performance

Guidelines for auditing management systems, BS EN ISO 19011:2011, ISBN: 978-0-5807-7524-6

Reason J (1997) 'Managing the Risks of Organisational Accidents'

Recording and notification of occupational accidents and diseases, ILO Code of Practice,

[http://www.ilo.org/wcmsp5/groups/public/---ed\\_protect/---protrav/---safework/documents/normativeinstrument/wcms\\_107800.pdf](http://www.ilo.org/wcmsp5/groups/public/---ed_protect/---protrav/---safework/documents/normativeinstrument/wcms_107800.pdf)

Bird F E, 1974. Management guide to Loss Control, Institute Press, Atlanta, Georgia, USA

Investigating accidents and incidents – a workbook for employers, unions, safety representatives and safety professionals, HSG245, HSE, <http://www.hse.gov.uk/pubns/hsg245.pdf>

## Element IA5 - The assessment and evaluation of risk

International Labour Standards, Prevention of Major Industrial Accidents Convention, C174,  
International Labour Organization, Geneva, 1993,

[http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100\\_INSTRUMENT\\_ID:312319](http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100_INSTRUMENT_ID:312319)

Prevention of Major Industrial Accidents Recommendation (No. 181), R181, 1993,

[http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO:12100:P12100\\_INSTRUMENT\\_ID:312519:NO](http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO:12100:P12100_INSTRUMENT_ID:312519:NO)

Guidelines for auditing management systems, ISO 19011:2011, ISBN: 978-0-5807-7524-6

## Element IA6 - Risk control

Occupational Safety and Health Convention, C155, 1981, ILO,

[http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100\\_ILO\\_CODE:C155](http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100_ILO_CODE:C155)

Occupational Safety and Health Recommendation, R164, 1981, ILO,

[http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO:12100:P12100\\_INSTRUMENT\\_ID:312502:NO](http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO:12100:P12100_INSTRUMENT_ID:312502:NO)

Ambient factors in the workplace, ILO, Code of Practice (CoP), ISBN 92-2-11628-X

[http://www.ilo.org/safework/info/standards-and-instruments/WCMS\\_107729/lang--en/index.htm](http://www.ilo.org/safework/info/standards-and-instruments/WCMS_107729/lang--en/index.htm)

Guidelines on Occupational Health and Safety Management Systems, ILO, 2001

[http://www.ilo.org/global/publications/ilo-bookstore/order-online/books/WCMS\\_PUBL\\_9221116344\\_EN/lang--en/index.htm](http://www.ilo.org/global/publications/ilo-bookstore/order-online/books/WCMS_PUBL_9221116344_EN/lang--en/index.htm)

Prevention of major industrial accidents, ILO, Code of Practice (CoP)

[http://www.ilo.org/safework/info/standards-and-instruments/codes/WCMS\\_107829/lang--en/index.htm](http://www.ilo.org/safework/info/standards-and-instruments/codes/WCMS_107829/lang--en/index.htm)

Training package on workplace risk assessment and management for small and medium-sized enterprises, ILO, ISBN: 978-92-2-127065-2,

[http://www.ilo.org/safework/info/instr/WCMS\\_215344/lang--en/index.htm](http://www.ilo.org/safework/info/instr/WCMS_215344/lang--en/index.htm)

Reducing risks, protecting people, R2P2 – HSE's decision-making process, ISBN: 978-0-7176-2151-0

<http://www.hse.gov.uk/risk/theory/r2p2.pdf>

Risk assessment, A brief guide to controlling risks in the workplace, INDG163, HSE,

<http://www.hse.gov.uk/pubns/indg163.pdf>

## Element IA7 - Organisational factors

Occupational Safety and Health Convention, C155, 1981, ILO,

[http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100\\_ILO\\_CODE:C155](http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO::P12100_ILO_CODE:C155)

Occupational Safety and Health Recommendation, R164, 1981, ILO,

[http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO:12100:P12100\\_INSTRUMENT\\_ID:312502:NO](http://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:12100:0::NO:12100:P12100_INSTRUMENT_ID:312502:NO)

Encyclopaedia of Occupational Health and Safety, ILO, <http://www.iloencyclopaedia.org/preface-69563>

Hersey-Blanchard Situational Leadership Theory, <http://www.leadership-central.com/situational-leadership-theory.html#axzz3p0SLB4U1>

Occupational health and safety management systems – requirements (OHSAS 18000 series), OHSAS 18001 - ISBN: 978-0-5805-9404-5, OHSAS 18002 - ISBN: 978-0-5806-2686-9

Training Package on workplace risk assessment and management for small and medium-sized enterprises, ILO Guidance, ISBN: 978-92-2-127065-2,

[http://www.ilo.org/safework/info/instr/WCMS\\_215344/lang--en/index.htm](http://www.ilo.org/safework/info/instr/WCMS_215344/lang--en/index.htm)

Controlling the risks in the workplace, <http://www.hse.gov.uk/risk/controlling-risks.htm>

Guidance on permit-to-work systems. A guide for the petroleum, chemical and allied industries, HSG250, HSE Books, ISBN: 978-0-7176-2943-5, <http://www.hse.gov.uk/pubns/books/hsg250.htm>

Risk assessment, A brief guide to controlling risks in the workplace, INDG163, HSE Books, <http://www.hse.gov.uk/pubns/indg163.htm>

## Element IA8 - Human factors

Occupational health and safety management systems – requirements (OHSAS 18000 series)

OHSAS 18001, ISBN: 978-0-5805-9404-5 - OHSAS 18002, ISBN: 978-0-5806-2686-9

Leading health and safety at work, <http://www.hse.gov.uk/pubns/indg417.pdf>

## Element IA9 - The role of health and safety practitioner

IIRSM Code of Ethics, <http://www.iirsm.org/code-ethics>

IOSH Code of Conduct, <http://www.iosh.co.uk/About-us/Regulating-the-profession.aspx>

Leading health and safety at work, INDG417, <http://www.hse.gov.uk/pubns/indg417.pdf>

Reducing error and influencing behaviour, HSG48, <http://www.hse.gov.uk/pubns/books/hsg48.htm>

### Health and Safety Incidents

Union Carbide, Bhopal, <http://www.bhopal.com/>

Buncefield: Why did it happen?, <http://www.hse.gov.uk/comah/buncefield/buncefield-report.pdf>

Immeda chemical company, Seveso, Italy, HSE UK,  
<http://www.hse.gov.uk/comah/sragtech/caseseveso76.htm>

BP Texas City Plant Explosion Trial, <http://www.texascityexplosion.com/>

Three Mile Island Accident, <http://www.world-nuclear.org/information-library/safety-and-security/safety-of-plants/three-mile-island-accident.aspx>