

OHSAS 18001:1999 — *Amendment 1:2002*

Occupational health and safety management systems — Specification

BSI Reference: amendment 14223

Contents

Replace:

Annex A (informative) Correspondence between OHSAS 18001, ISO 14001:1996 and ISO 9001:1994

by:

Annex A (informative) Correspondence between OHSAS 18001, ISO 14001:1996, ISO 9001:1994, and ISO 9001:2000

Insert: New reference to Annex B

Annex B (informative) Correspondence between OHSAS 18001, OHSAS 18002, and the ILO-OSH: 2001 *Guidelines on occupational safety and health management systems*

Insert: New references to Table A.1, Table A.2 and Table B.1

Tables

Table A.1 — Correspondence between OHSAS 18001, ISO 14001:1996 and ISO 9001:1994

Table A.2 — Correspondence between OHSAS 18001, ISO 14001:1996 and ISO 9001:2000

Table B.1 — Correspondence between the clauses of the OHSAS documents and the clauses of the ILO-OSH *Guidelines*

Update: Page numbers

Foreword

Replace: paragraph 2 with the following:

OHSAS 18001 is compatible with the ISO 9001:1994, ISO 9001:2000 (Quality) and ISO 14001:1996 (Environmental) management systems standards, in order to facilitate the integration of quality, environmental and occupational health and safety management systems by organizations, should they wish to do so.

Reference publications

Replace: the reference to OHSAS 18002, by:

OHSAS 18002:2000, *Occupational health and safety management systems — Guidelines for the implementation of OHSAS 18001*

Annex A

Replace: The title of Annex A with

Annex A (informative)
**Correspondence between OHSAS 18001, ISO 14001:1996,
ISO 9001:1994, and ISO 9001:2000**

Insert: New table title, before the existing correspondence table

**Table A.1 — Correspondence between OHSAS 18001, ISO 14001:1996 and
ISO 9001:1994**

Insert: New Table A.2, following Table A.1

Table A.2 — Correspondence between OHSAS 18001, ISO 14001:1996 and ISO 9001:2000

Clause	OHSAS 18001	Clause	ISO 14001:1996	Clause	ISO 9001:2000
—	—	—	Introduction	0 0.1 0.2 0.3 0.4	Introduction General Process approach Relationship with ISO 9004 Compatibility with other management systems
1	Scope	1	Scope	1 1.1 1.2	Scope General Application
2	Reference publications	2	Normative reference	2	Normative reference
3	Definitions	3	Definitions	3	Terms and definitions
4	OH&S management system elements	4	Environmental management system requirements	4	Quality management system
4.1	General requirements	4.1	General requirements	4.1 5.5 5.5.1	General requirements Responsibility, authority and communication Responsibility and authority
4.2	OH&S policy	4.2	Environmental policy	5.1 5.3 8.5	Management commitment Quality policy Improvement
4.3	Planning	4.3	Planning	5.4	Planning
4.3.1	Planning for hazard identification, risk assessment and risk control	4.3.1	Environmental aspects	5.2 7.2.1 7.2.2	Customer focus Determination of requirements related to the product Review of requirements related to the product
4.3.2	Legal and other requirements	4.3.2	Legal and other requirements	5.2 7.2.1	Customer focus Determination of requirements related to the product
4.3.3	Objectives	4.3.3	Objectives and targets	5.4.1	Quality objectives
4.3.4	OH&S management programme(s)	4.3.4	Environmental management programme(s)	5.4.2 8.5.1	Quality management system planning Continual improvement
4.4	Implementation and operation	4.4	Implementation and operation	7 7.1	Product realization Planning of product realization
4.4.1	Structure and responsibility	4.4.1	Structure and responsibility	5 5.1 5.5.1 5.5.2 6 6.1 6.2 6.2.1 6.3 6.4	Management responsibility Management commitment Responsibility and authority Management representative Resource management Provision of resources Human resources General Infrastructure Work environment
4.4.2	Training, awareness and competence	4.4.2	Training, awareness and competence	6.2.2	Competence, awareness and training
4.4.3	Consultation and communication	4.4.3	Communication	5.5.3 7.2.3	Internal communication Customer communication
4.4.4	Documentation	4.4.4	Environmental management system documentation	4.2 4.2.1 4.2.2	Documentation requirements General Quality manual
4.4.5	Document and data control	4.4.5	Document control	4.2.3	Control of documents

Table A.2 — Correspondence between OHSAS 18001, ISO 14001:1996 and ISO 9001:2000 (continued)

Clause	OHSAS 18001	Clause	ISO 14001:1996	Clause	ISO 9001:2000
4.4.6	Operational control	4.4.6	Operational control	7 7.1 7.2 7.2.1 7.2.2 7.3 7.3.1 7.3.2 7.3.3 7.3.4 7.3.5 7.3.6 7.3.7 7.4 7.4.1 7.4.2 7.4.3 7.5 7.5.1 7.5.3 7.5.4 7.5.5 7.5.2	Product realization Planning of product realization Customer-related processes Determination of requirements related to the product Review of requirements related to the product Design and development Design and development planning Design and development inputs Design and development outputs Design and development review Design and development verification Design and development validation Control of design and development changes Purchasing Purchasing process Purchasing information Verification of purchased product Production and service provision Control of production and service provision Identification and traceability Customer property Preservation of product Validation of processes for production and service provision
4.4.7	Emergency preparedness and response	4.4.7	Emergency preparedness and response	8.3	Control of nonconforming product
4.5	Checking and corrective action	4.5	Checking and corrective action	8	Measurement, analysis and improvement
4.5.1	Performance measurement and monitoring	4.5.1	Monitoring and measurement	7.6 8.1 8.2 8.2.1 8.2.3 8.2.4 8.4	Control of monitoring and measuring devices General Monitoring and measurement Customer satisfaction Monitoring and measurement of processes Monitoring and measurement of product Analysis of data
4.5.2	Accidents, incidents, nonconformance and corrective and preventive action	4.5.2	Nonconformance and corrective and preventive action	8.3 8.5.2 8.5.3	Control of nonconforming product Corrective action Preventive action
4.5.3	Records and records management	4.5.3	Records	4.2.4	Control of records
4.5.4	Audit	4.5.4	Environmental management system audit	8.2.2	Internal audit
4.6	Management review	4.6	Management review	5.6 5.6.1 5.6.2 5.6.3	Management review General Review input Review output
Annexes A and B	Correspondence to ISO 14001 and ISO 9001	Annex B	Correspondence to ISO 9001	Annex A	Correspondence to ISO 14001
—	Bibliography	Annex C	Bibliography	—	Bibliography
—	(See OHSAS 18002)	Annex A	Guidance on the use of the specification	—	—

Insert: New Annex B

Annex B (informative)

Correspondence between OHSAS 18001, OHSAS 18002, and the ILO-OSH:2001 *Guidelines on occupational safety and health management systems*

B.1 Introduction

This annex identifies the key differences between the International Labour Organization's ILO-OSH *Guidelines* and the OHSAS documents, and provides a comparative assessment of their differing requirements.

It should be noted that ***no areas of significant difference have been identified.***

Consequently, those organizations that have implemented an OH&S management system that is compliant with OHSAS 18001 may be reassured that their OH&S management system will also be compatible with the recommendations of the ILO-OSH *Guidelines*.

A correspondence table between the individual clauses of the OHSAS documents and those of the ILO-OSH *Guidelines* is given in **B.4**.

B.2 Overview

The two prime objectives of the ILO-OSH *Guidelines* are:

- a) to assist countries in the establishment of a national framework for occupational health and safety management systems, and
- b) to provide guidance to individual organizations regarding the integration of OH&S elements into their overall policy and management arrangements.

OHSAS 18001 specifies requirements for OH&S management systems, to enable organizations to control risks and to improve their performance. OHSAS 18002 gives guidance on the implementation of OHSAS 18001. The OHSAS documents are therefore comparable with Section 3 of the ILO-OSH *Guidelines* "*The occupational safety and health management system in the organization*".

B.3 Detailed analysis of Section 3 of the ILO-OSH *Guidelines* against the OHSAS documents

B.3.1 Scope

The focus of the ILO-OSH *Guidelines* is on workers. The focus of the OHSAS series standards, towards employees and other *interested parties*, is broader.

The definition of "Hazard" in OHSAS 18001, **3.4**: "*source or situation with a potential for harm in terms of injury or ill health, damage to property, damage to the workplace environment, or a combination of these*" is equally more broad than that in the ILO-OSH *Guidelines*, whose sole focus is towards the potential to cause injury or damage to people's health.

B.3.2 OH&S management system models

The models picturing the main elements of an OH&S management system are directly equivalent between the ILO-OSH *Guidelines* and the OHSAS documents.

B.3.3 ILO-OSH Section 3.2, Worker participation

In the ILO-OSH *Guidelines*, subsection **3.2.4** recommends that: "*The employer should ensure as appropriate, the establishment and efficient functioning of a health and safety committee and the recognition of workers health and safety representatives in accordance with national laws and practice*".

OHSAS 18001 requires the organization to document and promote its arrangements, and to involve a wider spectrum of consultees, i.e. interested parties (due to the broader scope of application of the document). Interestingly, the ILO-OSH *Guidelines* would allow organizations to abdicate from the above, if national laws and practice did not stipulate such a requirement.

B.3.4 ILO-OSH Section 3.3, Responsibility and accountability

The ILO-OSH *Guidelines* recommend in **3.3.1(h)** the establishment of prevention and health programmes. The OHSAS documents would require these if the organization's risk assessments, or the OH&S management system and objectives, required them.

B.3.5 ILO-OSH Section 3.4, Competence and training

The recommendation of the ILO-OSH *Guidelines* sub-section **3.4.4**: "*Training should be provided to all participants at no cost and should take place during working hours if possible*", is not a requirement of the OHSAS documents.

B.3.6 ILO-OSH Section 3.10 Hazard prevention, 3.10.1 Prevention and control measures

The ILO-OSH *Guidelines* recommend the implementation of preventive and protective measures to control hazards and risks. These are listed in an order of priority from **3.10.1(a)** elimination of the hazard/risk, to **3.10.1(d)** provision of personal protective equipment (PPE).

The OHSAS documents are not so definitive:

*"Measures for the management of risk should reflect the principle of the elimination of hazards **where practicable**, followed in turn by risk reduction (either by reducing the likelihood of occurrence or potential severity of injury or damage), with the adoption of personal protective equipment (PPE) as a last resort."*

Note the reference to "*practicable*" means.

The OHSAS documents also provide more detailed information on hazard identification, risk assessment and risk control.

B.3.7 ILO-OSH Section 3.10.4, Procurement

The ILO-OSH *Guidelines* emphasize that safety and health requirements of the organization should be incorporated into purchasing and leasing specifications. The OHSAS documents demand that such requirements be communicated to the supplier, but do not stipulate how. The ILO-OSH *Guidelines* also stipulate that national laws and regulations should be identified prior to procurement. In the OHSAS documents, these would *Ipso facto* be identified during the risk assessment process [see OHSAS 18002, **4.3.1d (1)i**].

B.3.8 ILO-OSH Section 3.10.5, Contracting

The ILO-OSH *Guidelines* define the steps to be taken to ensure that the organization's safety and health requirements are applied to contractors (they also provide a summary of the actions needed to ensure that they are). This is implicit in OHSAS.

B.3.9 ILO-OSH Section 3.12, Investigation of work related injuries, ill health, diseases and incidents, and their impact on safety and health performance

The ILO-OSH *Guidelines* do not require corrective or preventive actions to be reviewed through the risk assessment process prior to implementation, as they are in OHSAS 18001, **4.5.2(d)**.

B.3.10 ILO-OSH Section 3.13, Audit

The ILO-OSH *Guidelines* recommend consultation on the selection of auditors. In contrast, the OHSAS documents require audit personnel to be impartial and objective.

B.3.11 ILO-OSH Section 3.16, Continual improvement

This is a separate subclause in the ILO-OSH *Guidelines*. It details arrangements that should be taken into account for the achievement of continual improvement. Similar arrangements are detailed throughout the OHSAS documents, which consequently do not have a corresponding clause.

B.4 Correspondence between the clauses of the OHSAS documents and the clauses of the ILO-OSH Guidelines

Table B.1 — Correspondence between the clauses of the OHSAS documents and the clauses of the ILO-OSH Guidelines

Clause	OHSAS	Clause	ILO-OSH Guidelines
1	Scope	1.0	Objectives
2	Reference publications	—	—
3	Terms and definitions	—	—
4	OH&S management system elements	3.0	The occupational safety and health management system in the organization
4.1	General requirements	3.0	The occupational safety and health management system in the organization
4.2	OH&S policy	3.1	Occupational safety and health policy
4.3	Planning	3.7 3.8	Initial review System planning, development and implementation
4.3.1	Planning for hazard identification, risk assessment and risk control	3.10 3.10.1 3.10.2 3.10.5	Hazard prevention Prevention and control measures Management of change Contracting
4.3.2	Legal and other requirements	3.7.2 3.10.1.2	Initial review Hazard prevention
4.3.3	Objectives	3.8 3.9 3.16	System planning, development and implementation Occupational safety and health objectives Continual improvement
4.3.4	OH&S management programme(s)	3.8	System planning, development and implementation
4.4	Implementation and operation	—	—
4.4.1	Structure and responsibility	3.3 3.8	Responsibility and accountability System planning, development and implementation
4.4.2	Training, awareness and competence	3.2 3.4	Worker participation Competence and training
4.4.3	Consultation and communication	3.2 3.6	Worker participation Communication
4.4.4	Documentation	3.5	Occupational safety and health management system documentation
4.4.5	Document and data control	3.5	Occupational safety and health management system documentation
4.4.6	Operational control	3.10.2 3.10.4 3.10.5	Management of change Procurement Contracting
4.4.7	Emergency preparedness and response	3.10.3	Emergency prevention, preparedness and response
4.5	Checking and corrective action	—	—
4.5.1	Performance measurement and monitoring	3.11	Performance monitoring and measurement
4.5.2	Accidents, incidents, nonconformances and corrective and preventive action	3.12 3.15	Investigation of work related injuries, ill health, diseases and incidents and their impact on safety and health performance Preventive and corrective action
4.5.3	Records and records management	3.5	Occupational safety and health management system documentation
4.5.4	Audit	3.13	Audit
4.6	Management review	3.14	Management review

Bibliography

Insert: reference to

ISO 9001:2000, *Quality management systems — Requirements*

Re-sequence: references into numerical order

UK Supplement

Replace: the references to BS EN 30011-1, BS EN 30011-2 and BS EN 30011-3 by:

BS EN ISO 19011:2002, *Guidelines for quality and/or environmental management systems auditing*

Insert: new reference to:

BS EN ISO 9001:2000, *Quality management systems — Requirements*

Reorder: the referenced texts into numerical order

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