Masterclass: ISO 45001 Occupational Health and Safety Management Systems

STAGE **1** **2** **3**

Essential information about the course

A masterclass is a five-day advanced training course that will give you a deeper understanding of management systems.

By developing this expertise, you'll be better equipped to implement the more challenging technical aspects of a management system standard or discipline. You'll also have the competence to improve an existing management system by evaluating the effectiveness of its implementation.

The masterclass explores key clause requirements, concepts and principles - as well as related standards and guidance.

This masterclass will provide you with the knowledge and skills to implement, maintain and improve the more technical aspects of an occupational health and safety management system (OH&S MS) based on ISO 45001.

Using short presentations, discussions, self-reflection and classroom activities, this masterclass will delve into deeper technical areas, requirements and concepts than would be covered in an ISO 45001 Lead Implementer training course.

An expert BSI tutor will be on hand to facilitate discussions, draw insights and experiences among the class. This will bring to life the concepts for designing and maintaining an ISO 45001 management system. It will enable you to maximize the applicability of your learning from the masterclass to your workplace.

The masterclass will cover the context of the organization and integration with business processes. It will cover topics such as risks and opportunities, OH&S risk assessment guideline for the applications of ISO 45001 and BS 45002-0, emergency preparedness and response including incident investigation, guidance on occupational ill health, integration of management systems and competence requirements for auditing and certification of occupational health and safety management systems.

Our ISO 45001:2018 masterclass is designed for occupational health and safety professionals seeking to further develop their occupational health and safety management journey. Critical processes will be explored, especially under Clauses 6, planning and 8, operation of the ISO 45001 standard.

Our course agenda

Day 1	Day 2
• Summary/overview of ISO 45001 • Introduction to the differences between ISO 45001, BS 45002-0, BS 45002-1, BS 45002-2, BS 45002-3 • BS 45002–2 Risks and opportunities • OH&S risk assessment • OH&S risk assessment (1) The foundation and structure of ISO 45001:2018 • OH&S risk assessment (2) Overview of strategic planning in OH&S • management system • OH&S risk assessment (3) Conducting organizational context review • OH&S risk assessment (4) Determination of external issues • OH&S risk assessment (5) Determination of internal issues • OH&S risk assessment (6) Needs and expectations of workers and other interested parties	• OH&S risk assessment (Cont.) • OH&S risk assessment (7) Risk-based thinking approach and method • OH&S risk assessment (8) Hazard identification • OH&S risk assessment (9) Risk identification • OH&S risk assessment (10) Assessment of OH&S risks and other risks to the OH&S MS and assessment of OH&S opportunities and other opportunities for the OH&S MS • OH&S risk assessment (11) Risk treatment • OH&S risk assessment (12) Effectiveness evaluation • OH&S risk assessment (13) Linkage of event risk to system risk
Day 3	**Day 4**
• General guidelines for the application of ISO 45001 - BS 45002-0 • General guidelines for the application of ISO 45001 - BS 45002-0 (1) 4.3 Scope • General guidelines for the application of ISO 45001 - BS 45002-0 (2) 5.1 Leadership, culture and 5.4 Consultation and participation of workers • General guidelines for the application of ISO 45001 - BS 45002-0 (3) 8.1.4 Procurement • General guidelines for the application of ISO 45001 - BS 45002-0 (4) 9.1 Monitoring, measurement, analysis and • performance evaluation • Emergency preparedness and response including incident investigation - BS 45002-3 • Emergency preparedness and response including incident investigation – BS 45002-3 (1) Emergency preparedness and response • Emergency preparedness and response including incident investigation – BS 45002-3 (2) Incident investigation – BS 45002-3	• Emergency preparedness and response including incident investigation - BS 45002-3 • Emergency preparedness and response including incident investigation – BS 45002-3 (2) Incident investigation – BS 45002-3 (Cont.) • Guidance on managing occupational health- BS 45002-1 • Communicable disease risk management • Integrated use of management system standards

Day 5
- PD ISO/IEC TS 17021-10 Conformity assessment - Requirements for bodies providing audit and certification of management systems
- Part 10: Competence requirements for auditing and certification of OH&S MS
- Preparation for final written exam
- Examination

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Upon successful completion of your course, you'll receive an internationally recognized BSI certificate.

Make sure the course is right for you

Who is this course for?

This masterclass is for anyone involved in the detailed technical management and improvement of an OH&S MS based on ISO 45001:2018. It is suitable for many roles including managers, consultants, team leaders and process managers/owners.

Please note: If you're more interested in the process of implementation, you will find our Implementation course more appropriate. If you're leading an implementation team and want to learn about the requirements, process and project management aspects of the implementation of an OH&S MS, our Lead Implementer course is more suitable.

What will I learn? **You'll have the knowledge to:** • Provide an overview of ISO 45001 • Explain the differences and applicability between ISO 45001, BS 45002-0, BS 45002-1, BS 45002-2, BS 45002-3 • Discuss how to identify and manage risks and opportunities in an OH&S management system with BS 45002-2 • Convey the intent and implementation practice of some of the more challenging clauses within ISO 45001 • Define criteria and methodologies for the key risk assessment steps of identification and analysis, evaluate risks, describe human factors and risk in conjunction with BS 45002-0 • Discuss risk management standards such as ISO 31000 and PAS 7000 • Demonstrate awareness of emergency preparedness and response referring to BS 45002-3 • Review BS 45002-1 guidance on managing occupational ill health • Identify how ISO 45001 requirements can serve to mitigate employee, contractor/vendor and visitor risk during a pandemic • Explain integration issues associated with combining one of more management systems by referring to the use of the ISO Handbook 'The Integrated Use of Management System Standards (IUMSS)' • Communicate ISO 17021-10 competence requirements for auditing and certification of OH&S management system	**You'll have the skills to:** • Effectively implement key requirements of ISO 45001 • Use BS 45002-2 to identify and manage risks and opportunities in an OH&S management system • Use BS 45002-0 to outline criteria and methodologies for the key risk assessment steps of identification and analysis; evaluate risks; describe human factors and risk • Use BS 45002-3 to outline emergency preparedness and response including incident investigation

What are the benefits?

This masterclass will help you to:
• Understand and be aware of BS 45002-2 when identifying and managing risks and opportunities in an OH&S management system
• Understand and be aware of BS 45002-0 when explaining criteria and methodologies for the key risk assessment steps of identification and analysis; evaluating risks; describing human factors and risk; and gaining an appreciation of ISO 31000 and ISO 31010 risk management standards
• Gain the ability to describe the intent, and implementation, of some of the more challenging clauses within ISO 45001
• Understand and be aware of BS 45002-3 to explain emergency preparedness and response including incident investigation
• Understand and be aware of BS 45002-1 guidance on managing occupational ill health

- Gain an awareness of the integration issues associated with combining one or more management systems by referring to the use of the ISO Handbook The Integrated Use of Management System Standards (IUMSS)'
- Be able to communicate ISO 17021-10 competence requirements for auditing and certification of occupational health and safety management systems

Prerequisites - you are expected to have the following prior knowledge:

You'll need a working knowledge of occupational health and safety management. You should ideally have good knowledge of ISO 45001:2018 and the key principles of an OH&S MS – either by attending our Requirements course (or equivalent) or direct experience.

Why invest in training from BSI?

We want to make sure you have the best learning experience possible. That's why we offer a range of training courses from beginner to expert. We create a positive learning environment, so you retain the knowledge and acquire the skills that will continue to be of use beyond the course.

When you attend a BSI training course, our tutors are the best in the business. They're truly passionate about sharing their knowledge and ensuring you learn. Trusted experts with years of hands-on and business experience, they bring the subject matter to life with relevant and contemporary examples to enhance your learning.

Training delivered at your site could be a convenient and cost-effective option, especially if you have multiple delegates. Talk to one of our experts to find out more.

Next steps with the BSI Academy

Want to learn more? You may be interested in:

You may also be interested in other courses for ISO 45001:2018 covering Requirements (1 day), Internal Audit (2 days), Implementation (2 days), Lead Implementer (5 days) and Lead Auditor (5 days).