

Environmental, Health and Safety Management Systems Services - ISO 14000 and OHSAS 18000

What is ISO 14000?

ISO 14000 is a series of international standards that have been developed to incorporate environmental aspects into business operations and product standards. ISO 14001 is a specific standard in the series for a management system that incorporates a set of interrelated elements designed to minimize an organization's impact on the environment. Similar to the ISO 9001 Quality Management System (QMS), ISO 14001 defines the implementation of an Environmental Management System (EMS). In addition, ISO 14001 incorporates the QMS ISO 9001 management system philosophy, terminology, and requirement structure, providing system compatibility.

What Does ISO 14001 Require?

Originally issued in 1996 and later revised in 2004, the ISO 14001 EMS standard is intended to address the identification, evaluation, and continual improvement of an organization's activities, products, or services that interact with the environment. The ISO 14001 methodology is a systematic approach for continually improving environmental management through identification and evaluation of aspects and impacts, development of objectives and measurable targets, implementation of programs, and on-going monitoring and review.

What are the Benefits of Implementing an Environmental Management System?

- Cost reduction, pollution prevention and waste reduction opportunities.
- Response to customer or shareholder demands
- Profit in market for "Green Products"
- Reduced consumption of natural resources and energy
- Minimization of environmental liability and risk
- Systemized approach to compliance with environmental regulations
- Regulatory incentives for demonstrated environmental leadership
- Opportunity to streamline environmental efforts
- Ease of managing legal and compliance requirements
- Commitment to social responsibility

What is OHSAS 18000?

The Occupational Health and Safety Assessment Series, OHSAS 18000, has been developed to help organizations control and minimize occupational health and safety risks. OHSAS 18001 is a specific standard for occupational health and safety management systems designed to eliminate or minimize the risk to employees and other interested parties who may be exposed to occupational health and safety risks associated with the business' activities. OHSAS 18001 is compatible with ISO 9001 and ISO 14001 management systems. OHSAS 18001 represents a progression of a management system philosophy, from quality to environmental, continuing to occupational health and safety.

What Does OHSAS 18001 Require?

OHSAS 18001 focuses on the identification, elimination, and continual improvement of hazards and risks within the work environment. The OHSAS management system methodology is based on planning for hazard identification, risk assessment, and risk control. The OHSAS 18001 Health and Safety Management System (HSMS) incorporates ISO management system elements to address these risks.

What are the Benefits of Implementing an OHSAS Management System?

- Reduced worker compensation insurance costs
- Reduced number of employee injuries
- Ability to address insurance company demands to reduce liability and risk.
- Decreased costs due to personal injury and production down time
- Minimized resource constraints from personal injuries
- Enhanced employee safety awareness and improved employee motivation
- Ease of managing legal and compliance requirements
- Ease of managing safety risks
- Enhanced public image

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What is an Integrated Management System?

An integrated management system merges EMS, OHSAS, and/or the QMS requirements together into one management system. The significant similarities and overlap between these systems facilitates integration. An integrated management system provides ease of requirement assimilation, delivers a consistent message, and unites redundant processes.

What are Some Benefits to Implementing an Integrated Management System?

- Improved resource allocation
- Ease of managing legal and other requirements
- Consolidation of processes
- Simplified document maintenance
- Reduced record keeping
- Standardized processes
- Improved management of report submissions
- Enhanced internal and external communication

What Services do We Provide?

- System integration: QMS, EMS, and/or HSMS
- Strategic planning: EMS and HSMS
- System gap analysis: ISO 14001 and OHSAS 18001
- Process mapping
- Implementation facilitation
- ISO 14001/OHSAS 18001 pre-assessment
- EMS and HSMS manual development/review
- EMS and HSMS supporting documentation development/review
- Internal audit program development and implementation
- Regulatory incentives analysis
- Compliance and system audits
- Evaluation and selection of registrars
- Training: on-site - system and element based; computer based interactive training; awareness and internal auditor

A large chemical manufacturer remarked, "We made the mistake of trying to prepare for ISO 9001 on our own, and we do not intend to make that same mistake for ISO 14001... we will definitely be looking for outside assistance".

CAPACCIO can provide assistance to Facilities Managers, Environmental Managers, Health and Safety Managers, and Quality Managers tasked with the goal of achieving a registered management system.

How Can We Help You?

We have hands-on experience having been through the entire process from development and implementation of programs, all the way through the assessment audit to achieving the certification. We can also provide you with information on what to expect during the audit process and how to successfully plan and strategize to become ISO 14001 or OHSAS 18001 certified.

CAPACCIO has already assisted numerous U.S. firms who have led the way to registration /certification, including developing the programs and documentation for:

- Massachusetts Manufacturer: First Site in Massachusetts to Achieve ISO 14001 Certification.
- Frequency Products Company: First manufacturer of frequency control products to achieve ISO 14001 certification
- Semiconductor Device Company: First Semiconductor Company to achieve ISO 14001; Integrated ISO 14001 and 18001
- Electronic Component Manufacturer: Integrated ISO 14001 and OHSAS 18001 systems
- Printing Press Company: Successfully integrated a proven system model that was certified to ISO 14001
- Medical Device Company: Integrated Environmental Management System (EMS) with quality management system (QMS)

For more information about Environmental, Health and Safety Management Systems Services - 14000 and OHSAS 18000:

Call Lucy Servidio at ext. 14 or e-mail newbusiness@capaccio.com