

Management System Standards and their associated Auditing Requirements Standards

International management system standards used to be straightforward with few choices. At the end of 2007 there were four, ISO 9001:2000, ISO 14001:2004, ISO 27001:2005 and OHSAS 18001:2007, all audited according to ISO 17021:2006. Since 2007 three significant changes have occurred.

- (1) There are now several more management system standards.
- (2) Several have been revised according to a common structure, known as the Annex SL High Level Structure (HLS), making it easier to implement an Integrated Management System (IMS) that manages multiple aspects of operations of an organisation.
- (3) Additional audit standards have been introduced that supplement ISO 17021 and stipulate specific additional requirements for the auditing of individual management system standards.

The first was ISO 27006:2007, which specified requirements for how to audit ISO 27001:2005 and the competence of auditors. ISO 50003:2014 now similarly applies to ISO 50001:2011.

In 2015 ISO 17021:2011 was replaced by ISO 17021-1:2015 (ISO 17021 Part 1). This is supplemented by additional parts, which each specify the required competence of auditors for specific management system standards, as shown in the table below.

Audit standards on the right with the designation TS (Technical Specification) are not officially requirements but the International Accreditation Forum (IAF) has stated that it will accord them the same status as the mandatory standards [currently comprising only Part 2 (Competence requirements for environmental management) and Part 3 (Competence requirements for quality management)].

MS Standard Designation	MS Standard Title	Audit Standard Designation	Auditing Standard Title
		ISO/IEC 17021-1:2015	Conformity assessment - Requirements for bodies providing audit and certification of management systems
ISO 14001:2015	Environmental management systems - Requirements with guidance for use	ISO/IEC 17021-2:2016	Competence requirements for auditing and certification of environmental management systems
ISO 9001:2015	Quality management systems – Requirements	ISO/IEC 17021-3:2017	Competence requirements for auditing and certification of quality management systems
ISO 20121:2012	Event sustainability management systems - Requirements with guidance for use	ISO/IEC TS 17021-4:2013	Competence requirements for auditing and certification of event sustainability management systems
ISO 55001:2014	Asset management - Management systems - Requirements	ISO/IEC TS 17021-5:2014	Competence requirements for auditing and certification of asset management systems
ISO 22301:2012 (Under revision)	Societal security - Business continuity management systems - Requirements	ISO/IEC TS 17021-6:2014	Competence requirements for auditing and certification of business continuity management systems

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ISO 39001:2012	Road traffic safety management systems - Requirements with guidance for use	ISO/IEC TS 17021-7:2014	Competence requirements for auditing and certification of road traffic safety management systems
ISO 37001:2016	Anti-bribery management systems - Requirements with guidance for use	ISO/IEC TS 17021-9:2016	Competence requirements for auditing and certification of anti-bribery management systems
ISO 45001:2018	Occupational health and safety management systems – Requirements	ISO/IEC TS 17021-10:2018	Competence requirements for auditing and certification of occupational health and safety management systems
ISO 41001:2018	Facility management systems - Requirements with guidance for use	ISO/IEC TS 17021-11:2018	Competence requirements for certification of facility management systems
ISO/IEC 27001:2013	Information technology - Security techniques - Information security management systems - Requirements	ISO/IEC 27006:2015	Information technology - Security techniques - Requirements for bodies providing audit and certification of information security management systems
ISO/IEC 20000-1:2018	Information technology - Service management - Part 1: Service management system requirements	ISO/IEC 20000-6:2017	Information technology - Service management - Part 6: Requirements for bodies providing audit and certification of service management systems
ISO 50001:2018	Energy management systems - Requirements with guidance for use	ISO 50003:2014	Energy management systems - Requirements for bodies providing audit and certification of energy management systems
ISO 22000:2018	Food safety management systems. Requirements for any organization in the food chain	ISO/TS 22003:2013 (Under revision)	Food safety management systems - Requirements for bodies providing audit and certification of food safety management systems
ISO 30301:2011 (Under revision)	Information and documentation - Management systems for records - Requirements		No associated standard that specifies (competence) requirements for auditing.
ISO 44001:2017	Collaborative business relationship management systems - Requirements and framework		No associated standard that specifies (competence) requirements for auditing.
ISO 21001:2018	Educational organizations management systems - Requirements with guidance for use		No associated standard that specifies (competence) requirements for auditing.