Integrated Management Systems Certification of SS ISO 9001:2015 & SS ISO 14001:2015

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Integrated Management Systems - Defined

ISO/IEC17021-1:2015

- Requirements for Certification Bodies:
  - A company has integrated the application of requirements of **two or more management systems standards** into a **single management system** and is being audited against more than one standard.

International Accreditation Forum, Inc. (IAF MD11:2013)

- Certified Organizations in planning and delivery of audits:
  - A **single management system** managing multiple aspects of organizational performance to meet the requirements of **more than one management standard**, at a given level of integration. (Integration relates to management system elements and responsibilities in relation to two or more sets of standards).

Chartered Quality Institute (CQI) – Integrated Management Special Interest Group (IMSIG)

- Assist interested parties and organizations to support integration :
  - An Integrated Management Systems is a **single integrated system** used by an organization to manage the totality of its processes, in order to meet the organization's objectives and equitably satisfy the stakeholders.

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ISO Survey of Management System Standards - 2014

Summary statistics results - 2014 Survey of Certifications

Management System Standards	Nos. of certificates in 2014	Nos. of certificates in 2013	Evolution	Evolution in %
ISO 9001	1 138 155	1 126 460	11 695	1%
ISO 14001	324 148	301 622	22 526	7%
ISO 50001	6 778	4 826	1 952	40%
ISO/IEC 27001	23 972	22 349	1 623	7%
ISO 22000	30 500	26 847	3 653	14%
ISO/TS 16949	57 950	53 723	4 227	8%
ISO 13485	27 791	25 655	2 136	8%
ISO 22301	1 757			
TOTAL	1 609 294	1 561 482	47 812	3%

Source; ISO Survey of Management Standard Certifications, Executive Summary Report , ISO, 2014

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Transition and Integration Perspective

ISO 9001: 2015 & ISO 14001: 2015 published on 15 Sept 2015

Main changes of the standards?

- New High Level Structure (Annex SL) → easier for Integrated Management System → Single Management System.
- Alignment & harmonization make its relevant and reduce conflict & duplication on implementation.

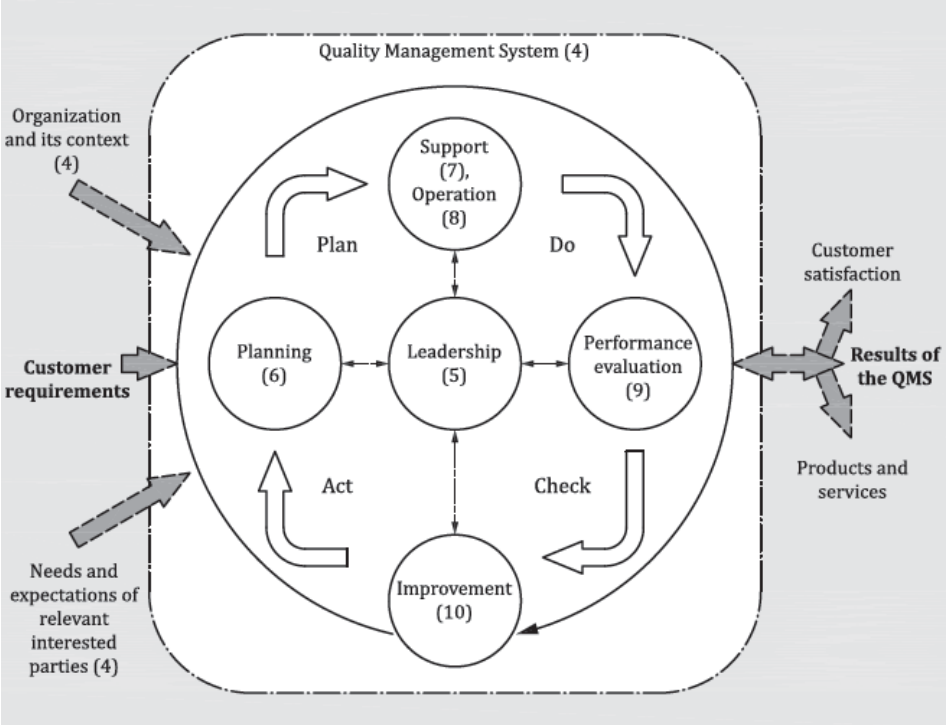
Guidance → transition & integration to new revised standards

- Few recommendations, but not limited to:
  - Be familiar & trained to new requirements.
  - Seek advice from Certification Bodies.
  - Seek Consultant & Expert guidance.
  - Conduct gap analysis and schedule transition & integration.
  - Conduct internal audits & make improvements.
  - Seek Certification Bodies → preliminary assessment.
  - Gather valuable input → partners, customers, association and business peers.

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Commonalities of Different Standards

ISO9001:2015 QMS



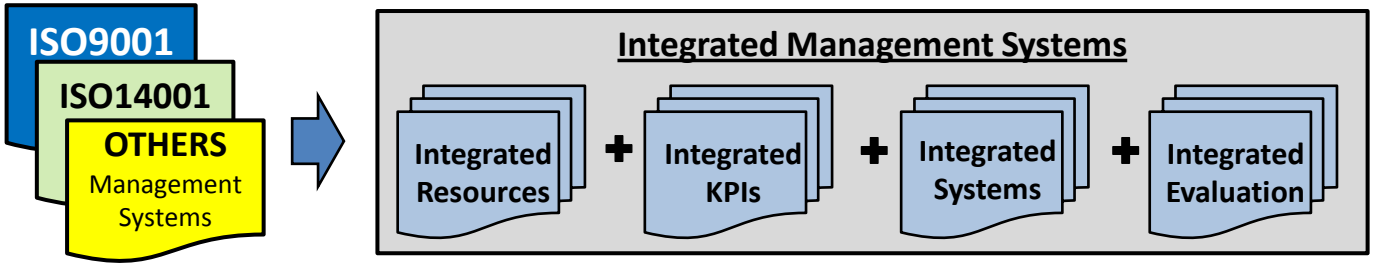
ISO14001:2015 EMS



- Common underlying principle based on Deming's Cycle (**Plan→Do→Check→Act**)
- Support organization to manage & optimize adequate resources and determine opportunities for continuous improvement

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Integrated Management Systems - Perspective



Organization perspective	Certification's Auditor perspective
• Integrated documentation to good level of development → provide clarity & transparency.	• One opening and one closing meeting.
• Management reviews able to consider overall business strategies and planning.	• One integrated audit report is generated and produced.
• Harmonization of internal audits.	• Optimized resources, logistics and scheduling.
• Integrated policy and objectives.	• Save time in auditor team consensus meeting.
• Systematic mechanisms (e.g. corrective actions; measurement and continual improvements).	• Audit common elements simultaneously, e.g document control system.
• Integrated management support, responsibilities and align harmonization efforts.	• Overview assessment of management systems – provide value add to organization.

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ISO 9001:2015 & ISO 14001:2015 Correspondence Table

ISO 9001: 2015		ISO 14001: 2015	
4	Context of the Organization	4	Context of the Organization
4.1	Understanding the organization and its context	4.1	Understanding the organization and its context
4.2	Understanding the needs and expectations of interested parties	4.2	Understanding the needs and expectations of interested parties
4.3	Determining the scope of the quality management system	4.3	Determining the scope of the environmental management system
4.4	Quality management system and its processes	4.4	Environmental management system
5	Leadership	5	Leadership
5.1	Leadership and Commitment	5.1	Leadership and Commitment
5.2	Quality Policy	5.2	Environmental Policy
5.3	Organizational roles, responsibilities and authorities	5.3	Organizational roles, responsibilities and authorities
6	Planning	6	Planning
6.1	Actions to address risks and opportunities	6.1	Actions to address risks and opportunities
6.2	Quality objectives and planning to achieve them	6.2	Environmental objectives and planning to achieve them
6.3	Planning for changes		--

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ISO9001:2015 & ISO14001:2015 Correspondence Table

ISO9001:2015		ISO14001:2015	
7	Support	7	Support
7.1	Resources	7.1	Resources
7.2	Competence	7.2	Competence
7.3	Awareness	7.3	Awareness
7.4	Communication	7.4	Communication
7.5	Documented information	7.5	Documented information
8	Operation	8	Operation
8.1	Operation planning and control	8.1	Operation planning and control
8.2	Requirements for products and services	8.2	Emergency preparedness and response
8.3	Design and development of products and services		--
8.4	Control of externally provided processes, products and services		--
8.5	Production and service provision		--
8.6	Release of products and services		--
8.7	Control of nonconforming outputs		--

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ISO9001:2015 & ISO14001:2015 Correspondence Table

ISO9001:2015		ISO14001:2015	
9	Performance evaluation	9	Performance Evaluation
9.1	Monitoring, measurement, analysis and evaluation	9.1	Monitoring, measurement, analysis and evaluation
9.2	Internal audit	9.2	Internal audit
9.3	Management review	9.3	Management review
10	Improvement	10	Improvement
10.1	General	10.1	General
10.2	Nonconformity and corrective action	10.2	Nonconformity and corrective action
10.3	Continual improvement	10.3	Continual improvement

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Integration Management Systems - Motivation

Reasons for implementation of IMS

- Continual improvement of its quality and environmental management systems.
- Increasing requirements from customers & stakeholders.
- Optimizing of resources to its management systems.
- Reducing the numbers of internal and external audits.
- Increasing the reputation of the company.
- Strategic planning for competitive advantages.

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Integration Management Systems - Challenges

Design, develop & implement an effective IMS

- Resistant to change and lack of “buy-in”.
- Lack of internal competence in designing & developing an IMS.
- More training for management representatives and internal auditors.
- Lack of management commitment and conflict in teamwork between management systems’ committees.
- There is no requirements for an IMS in any international standards or by certification bodies.
- Limited resources in design, development & implement an IMS.

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Integration Management Systems - Benefits

- **Reduce conflicts, duplication and bureaucracy between individual systems and optimization of resources.**
- **Reduce the numbers of internal & external audits and unification of audit processes.**
- **Integrate common management policy, objectives, KPIs, training, performance measurements, management review…etc.**
- **Improve communication at level of coordination both internally and externally resulting in less confusion.**
- **Improve motivation and morale to ALL employee towards a continual improvement culture, attitudes and value creation.**
- **A global view of management associated with compliance, continuous improvement and sustainability of the management systems.**

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Integrated Management Systems - Conclusion

- **Integrated management systems creates a collective knowledge of information for continuous improvement .**
- **Increases productivity, efficiency and reputation for the organization.**
- **ISO promotes integration of management design and development of the multiple management systems.**

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Thank You

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