QPRO Australia

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QMS-EMS-WHS Management System Comparison Matrix

An Integrated Management Systems (IMS) is the most ideal way to have an effective and unified system. An IMS at minimum has more than one management system and could be integrated and harmonised with other management system standards e.g. QMS, EMS, OHSMS, ISMS, FSMS, AQMS…

The most common and universally popular IMS seen around industries includes QMS, EMS and OHS/WHS management systems.

An Integrated management system at minimum delivers the following benefits to an organisation e.g.;

- Improves performance and productivity
- Avoid duplication of documented information
- Increases transparency
- Improves accountability
- Establishes consistency
- Cost reduction
- Enhances quick decision
- Eliminates waste
- Optimise processes and resources
- Reduce maintenance
- Integrate audits
- Adds value
- And much more

The below table is a comparison matrix of ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018.

ISO 9001:2015 (QMS)	ISO 14001:2015 (EMS)	ISO 450001:2018 (OHS/WHS)
1 SCOPE	**1 SCOPE**	**1 SCOPE**
2 NORMATIVE REFERENCES	**2 NORMATIVE REFERENCES**	**2 NORMATIVE REFERENCES**
3 TERMS AND DEFINITIONS	**3 TERMS AND DEFINITIONS**	**3 TERMS AND DEFINITIONS**
4 CONTEXT OF THE ORGANIZATION	**4 CONTEXT OF THE ORGANIZATION**	**4 CONTEXT OF THE ORGANIZATION**
4.1 Understanding the organization & its context	4.1 Understanding the organization & its context	4.1 Understanding the organization & its context
4.2 Understanding the needs and expectations of interested parties	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 QMS	4.3 Determining the scope of the EMS	4.3 Determining the scope of the OH&S management system
4.4 QMS and its processes (Title)	*No Equivalent Clause*	*No Equivalent Clause*
4.4.1 (paragraph-1 about QMS)	4.4 Environmental management system	4.4 OH&S management system
4.4.1 (paragraph-2 about processes of QMS)	*No Equivalent Clause*	*No Equivalent Clause*
4.4.2 *(about documented information on processes)*	*No Equivalent Clause*	*No Equivalent Clause*
5 LEADERSHIP	**5 LEADERSHIP**	**5 LEADERSHIP**
5.1 Leadership and commitment (Title)	*No Equivalent Clause*	*No Equivalent Clause*
5.1.1 General	5.1 Leadership and commitment	5.1 Leadership and commitment
5.1.2 Customer focus	*No Equivalent Clause*	*No Equivalent Clause*
5.2 Policy (Title)	*No Equivalent Clause*	*No Equivalent Clause*
5.2.1 Establishing the quality policy	5.2 Environmental policy, paragraph 1	5.2 OH&S policy, paragraph 1
5.2.2 Communicating the quality policy	5.2 Environmental policy, paragraph 2	5.2 OH&S policy, paragraph 2
5.3 Organizational roles, responsibilities and authorities	5.3 Organizational roles, responsibilities and authorities	5.3 Organizational roles, responsibilities and authorities
No Equivalent Clause	No Equivalent Clause	5.4 Consultation and participation of workers
6 PLANNING	**6 PLANNING**	**6 PLANNING**
6.1 Actions to address risks & opportunities (Title)	6.1 Actions to address risks & opportunities (Title)	6.1 Actions to address risks & opportunities (Title)
6.1.1 *(about requirements when planning QMS)*	6.1.1 General	6.1.1 General
6.1.2 *(about addressing risks & opportunities)*	*No Equivalent Clause*	*No Equivalent Clause*
No Equivalent Clause	6.1.2 Environmental aspects	6.1.2 Hazard Identification and assessment of risks and opportunities
No Equivalent Clause	6.1.3 Compliance obligations	6.1.3 Determination of legal requirements and other requirements
No Equivalent Clause	6.1.4 Planning action	6.1.4 Planning action
6.2 Quality objectives and planning to achieve them (Title)	6.2 Environmental objectives and planning to achieve them (Title)	6.2 OH&S objectives and planning to achieve them (Title)
6.2.1 *(about quality objectives)*	6.2.1 Environmental objectives	6.2.1 OH&S objectives
6.2.2 *(about achievement planning)*	6.2.2 Planning actions to achieve environmental objectives	6.2.2 Planning actions to achieve OH&S objectives
6.3 Planning of changes	No Equivalent Clause	8.1.3 Management of change
7 SUPPORT	**7 SUPPORT**	**7 SUPPORT**
7.1 Resources (Title)	*No Equivalent Clause*	*No Equivalent Clause*
7.1.1 General	7.1 Resources	7.1 Resources
7.1.2 People	*No Equivalent Clause*	*No Equivalent Clause*
7.1.3 Infrastructure	*No Equivalent Clause*	*No Equivalent Clause*
7.1.4 Environment for the operation of processes	*No Equivalent Clause*	*No Equivalent Clause*
7.1.5 Monitoring and measuring resources (Title)	*No Equivalent Clause*	*No Equivalent Clause*
7.1.5.1 General	*No Equivalent Clause*	*No Equivalent Clause*
7.1.5.2 Measuring traceability	*No Equivalent Clause*	*No Equivalent Clause*
7.1.6 Organizational knowledge	*No Equivalent Clause*	*No Equivalent Clause*

ISO 9001:2015 (QMS)	ISO 14001:2015 (EMS)	ISO 450001:2018 (OHS/WHS)
7.2 Competence	7.2 Competence	7.2 Competence
7.3 Awareness	7.3 Awareness	7.3 Awareness
No Equivalent Clause	7.4 Communication (Title)	7.4 Communication (Title)
7.4 Communication	7.4.1 General	7.4.1 General
No Equivalent Clause	7.4.2 Internal Communication	7.4.2 Internal Communication
	7.4.3 External Communication	7.4.3 External Communication
7.5 Documented information (Title)	7.5 Documented information (Title)	7.5 Documented information (Title)
7.5.1 General	7.5.1 General	7.5.1 General
7.5.2 Creating and updating	7.5.2 Creating and updating	7.5.2 Creating and updating
7.5.3 Control of documented information (Title)	*No Equivalent Clause*	*No Equivalent Clause*
7.5.3.1 *(about purpose of control)*	7.5.3 Control of documented information, paragraph 1	7.5.3 Control of documented information, paragraph 1
7.5.3.2 *(about requirements for control)*	7.5.3 Control of documented information, paragraph-2 & 3	7.5.3 Control of documented information, paragraph-2 & 3
8 OPERATION	**8 OPERATION**	**8 OPERATION**
8.1 Operational planning and control	8.1 Operational planning and control	8.1 Operational planning and control
No Equivalent Clause	8.2 Emergency preparedness and response	8.2 Emergency preparedness and response
8.2 Requirements for products & services (Title)	*No Equivalent Clause*	*No Equivalent Clause*
8.2.1 Customer communication	*No Equivalent Clause*	*No Equivalent Clause*
8.2.2 Determining the requirements for products & services	*No Equivalent Clause*	*No Equivalent Clause*
8.2.3 Review of the requirements for products & services (Title)	*No Equivalent Clause*	*No Equivalent Clause*
8.2.3.1 & 8.2.3.2 *(about review, documented information)*	*No Equivalent Clause*	*No Equivalent Clause*
8.2.4 Changes to requirements for products & services	*No Equivalent Clause*	*No Equivalent Clause*
8.3 Design & Development of products and services (Title)	*No Equivalent Clause*	*No Equivalent Clause*
8.3.1 to 8.3.6 – General, Planning, Inputs, Controls, Outputs, Changes	*No Equivalent Clause*	*No Equivalent Clause*
8.4 Control of externally provided processes, products and services (Title)	*No Equivalent Clause*	*No Equivalent Clause*
8.4.1 General	*No Equivalent Clause*	*No Equivalent Clause*
8.4.2 Type and extent of control	*No Equivalent Clause*	*No Equivalent Clause*
8.4.3 Information for external providers	*No Equivalent Clause*	*No Equivalent Clause*
8.5 Production and service provision (Title)	*No Equivalent Clause*	*No Equivalent Clause*
8.5.1 Control of production and service provision	*No Equivalent Clause*	*No Equivalent Clause*
8.5.2 Identification and traceability	*No Equivalent Clause*	*No Equivalent Clause*
8.5.3 Property belonging to customers or external providers	*No Equivalent Clause*	*No Equivalent Clause*
8.5.4 Preservation	*No Equivalent Clause*	*No Equivalent Clause*
8.5.5 Post-delivery activities	*No Equivalent Clause*	*No Equivalent Clause*
8.5.6 Control of changes	*No Equivalent Clause*	*No Equivalent Clause*
8.6 Release of products and services	*No Equivalent Clause*	*No Equivalent Clause*
8.7 Control of nonconforming outputs (Title)	*No Equivalent Clause*	*No Equivalent Clause*
8.7.1 *(about required control)*	*No Equivalent Clause*	*No Equivalent Clause*
8.7.2 *(about required documented information)*	*No Equivalent Clause*	*No Equivalent Clause*
9 PERFORMANCE EVALUATION	**9 PERFORMANCE EVALUATION**	**9 PERFORMANCE EVALUATION**
9.1 Monitoring, measuring, analysis and evaluation (Title)	9.1 Monitoring, measuring, analysis and evaluation (Title)	9.1 Monitoring, measuring, analysis and evaluation (Title)
9.1.1 General	9.1.1 General, paragraph 2, 4, 6	9.1.1 General
No Equivalent Clause	9.1.1 General, paragraph 1, 3, 5	9.1.1 General
No Equivalent Clause	9.1.2 Evaluation of compliance	9.1.2 Evaluation of compliance
9.1.2 Customer satisfaction	*No Equivalent Clause*	*No Equivalent Clause*
9.1.3 Analysis and evaluation	*No Equivalent Clause*	*No Equivalent Clause*
9.2 Internal audit (Title)	9.2 Internal audit (Title)	9.2 Internal audit (Title)
9.2.1 *(about general requirements)*	9.2.1 General	9.2.1 General
9.2.2 *(about audit programmes)*	9.2.2 Internal audit programme	9.2.2 Internal audit programme
9.3 Management review (Title)	*No Equivalent Clause*	*No Equivalent Clause*
9.3.1 General	9.3 Management review, paragraph 1	9.3 Management review, paragraph 1
9.3.2 Management review inputs	9.3 Management review, paragraph 2	9.3 Management review, paragraph 2
9.3.3 Management review outputs	9.3 Management review, paragraph 3	9.3 Management review, paragraph 3
10 IMPROVEMENT	**10 IMPROVEMENT**	**10 IMPROVEMENT**
10.1 General	10.1 General	10.1 General
10.2 Nonconformity and corrective action (Title)	10.2 Nonconformity & corrective action (Title)	10.2 Incident, Nonconformity & corrective action (Title)
10.2.1 *(about required actions)*	10.2 Nonconformity & corrective action, paragraph 1, 2	10.2 Incident, Nonconformity & corrective action, paragraph 1, 2
10.2.2 *(about required documented information)*	10.2 Nonconformity & corrective action, paragraph 3	10.2 Incident, Nonconformity & corrective action, paragraph 3
10.3 Continual improvement	10.3 Continual improvement	10.3 Continual improvement

Need Help? Contact us

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