

Here's a detailed **clause-wise comparison** of **ISO 9001:2015 (Quality Management System - QMS)**, **ISO 14001:2015 (Environmental Management System - EMS)**, and **ISO 45001:2018 (Occupational Health and Safety Management System - OHSMS)**:

Clause No.	ISO 9001:2015 (QMS)	ISO 14001:2015 (EMS)	ISO 45001:2018 (OHSMS)	Key Differences
1. Scope	Ensures product/service quality to enhance customer satisfaction.	Manages environmental performance to reduce impact.	Manages health and safety risks to prevent injuries.	Quality vs. environment vs. health & safety.
2. Normative References	References ISO 9000 for quality definitions.	References ISO 14050 for environmental terms.	References ISO 45001 for OH&S terms.	Different domain-specific standards.
3. Terms and Definitions	Defines quality-specific terms.	Defines environment-specific terms.	Defines OH&S-specific terms.	Domain-specific terminology.
4. Context of the Organization	Considers internal/external issues affecting quality.	Considers internal/external issues impacting the environment.	Considers internal/external issues affecting health & safety.	Similar approach, different focus.
4.1 Understanding the Organization and its Context	Focuses on product/service quality.	Focuses on environmental conditions.	Focuses on health & safety conditions.	Different organizational contexts.
4.2 Understanding Needs and Expectations of Interested Parties	Customers, suppliers, regulatory bodies.	Regulators, communities, environmental agencies.	Workers, unions, legal bodies.	Different stakeholders.
4.3 Determining the Scope of the Management System	Scope based on quality processes.	Scope based on environmental impact.	Scope based on workplace safety and health risks.	Process vs. environmental vs. OH&S boundaries.
4.4 Management System	Establish, implement, maintain, and improve QMS.	Establish, implement, maintain, and improve EMS.	Establish, implement, maintain, and improve OHSMS.	Same structure with domain-specific objectives.
5. Leadership	Leadership commitment to quality policy and objectives.	Leadership commitment to environmental policy.	Leadership commitment to OH&S policy and objectives.	Leadership focus on quality vs. environment vs. safety.
5.1 Leadership and Commitment	Emphasis on customer satisfaction.	Emphasis on environmental performance.	Emphasis on worker safety and well-being.	Different leadership priorities.
5.2 Policy	Quality policy for product/service excellence.	Environmental policy for pollution control.	OH&S policy for safe working conditions.	Policy for quality vs. environment vs. safety.

5.3 Organizational Roles, Responsibilities, and Authorities	Roles for ensuring product quality.	Roles for managing environmental impact.	Roles for ensuring workplace safety.	Responsibilities tailored to each domain.
6. Planning	Identify risks, opportunities, and quality objectives.	Identify environmental risks and objectives.	Identify OH&S risks and objectives.	Different types of risks and goals.
6.1 Actions to Address Risks and Opportunities	Risk-based thinking to prevent quality issues.	Actions to prevent environmental harm.	Actions to eliminate workplace hazards.	Risk mitigation in quality vs. environment vs. safety.
6.2 Objectives and Planning to Achieve Them	Set measurable quality objectives.	Set measurable environmental objectives.	Set measurable OH&S objectives.	Objectives focus on quality vs. environment vs. safety.
6.3 Planning of Changes	Plan changes to improve quality processes.	Plan changes to reduce environmental impact.	Plan changes to improve workplace safety.	Impact of changes varies.
7. Support	Resources, competence, awareness, communication for quality.	Resources, competence, awareness, communication for environment.	Resources, competence, awareness, communication for safety.	Similar structure, different focus.
7.1 Resources	Resources for quality assurance.	Resources for environmental management.	Resources for safe work conditions.	Different resource allocation.
7.2 Competence	Competence of personnel for quality.	Competence for environmental performance.	Competence for OH&S compliance.	Competence in quality vs. environment vs. safety.
7.3 Awareness	Awareness of quality policy.	Awareness of environmental policy.	Awareness of OH&S policy and safe practices.	Different awareness topics.
7.4 Communication	Internal/external communication on quality.	Internal/external communication on environmental impact.	Communication on workplace hazards and safety.	Communication priorities differ.
7.5 Documented Information	Documentation for quality processes.	Documentation for environmental management.	Documentation for workplace safety management.	Similar requirements with domain-specific content.
8. Operation	Process control for product/service quality.	Operational controls for environmental management.	Operational controls for workplace safety.	Process output vs. environment vs. safety.

8.1 Operational Planning and Control	Plan and control production/service operations.	Plan and control activities to minimize environmental impact.	Plan and control activities to minimize workplace hazards.	Different control focus.
8.2 Emergency Preparedness and Response	Not applicable.	Preparedness for environmental emergencies.	Preparedness for workplace emergencies.	Applicable only in EMS and OHSMS.
9. Performance Evaluation	Monitor, measure, analyze quality performance.	Monitor environmental performance.	Monitor OH&S performance.	Performance metrics differ.
9.1 Monitoring, Measurement, Analysis, and Evaluation	Track quality KPIs.	Track environmental KPIs.	Track safety KPIs.	Different performance indicators.
9.2 Internal Audit	Audit QMS for quality compliance.	Audit EMS for environmental compliance.	Audit OHSMS for safety compliance.	Similar audit structure, different compliance focus.
9.3 Management Review	Review QMS performance for quality improvement.	Review EMS performance for environmental improvement.	Review OHSMS performance for safety improvement.	Review of quality vs. environment vs. safety.
10. Improvement	Continuous improvement of product/service quality.	Continuous improvement of environmental performance.	Continuous improvement of workplace safety.	Continuous improvement objectives vary.
10.2 Nonconformity and Corrective Action	Address quality nonconformities.	Address environmental nonconformities.	Address workplace safety nonconformities.	Different nonconformity handling.
10.3 Continual Improvement	Ongoing quality improvement.	Ongoing environmental performance improvement.	Ongoing OH&S performance improvement.	Improvement tailored to specific management goals.

Summary:

- **ISO 9001** focuses on product/service quality.
- **ISO 14001** emphasizes environmental sustainability and impact reduction.
- **ISO 45001** prioritizes worker safety and health.