

ISO Integrated Management System Overview Presentation



INTRODUCTION TO ISO 9001, 14001, 45001

An ISO 9001, 14001 and 45001 Integrated Health, Safety, Environmental and Quality (HSEQ) Management System uses **all** the below listed Standards as the framework for combining core HSEQ business processes into one common system.

- ISO 9001, Quality Management Systems – Requirements.
- ISO 14001, Environmental Management Systems – Requirements with Guidance for Use.
- ISO 45001, Occupational Health and Safety Management Systems – Requirements with Guidance for Use.

This allows the business to work as a single unit with unified HSEQ objectives.

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PRESENTATION OVERVIEW

- WHAT ARE THE ISO 9001, 14001, 45001 STANDARDS?
- WHAT IS AN INTEGRATED MANAGEMENT SYSTEM?
- THE PLAN, DO, CHECK, ACT APPROACH
- CONTEXT OF THE ORGANIZATION
- LEADERSHIP AND WORKER PARTICIPATION
- PLANNING
- SUPPORT
- OPERATIONAL CONTROL
- PERFORMANCE EVALUATION
- IMPROVEMENT
- KEY TO INTEGRATED SUCCESS
- INTEGRATION BENEFITS
- ISO INTEGRATION CHALLENGES
- YOUR ROLE WITH ISO INTEGRATION
- IN CONCLUSION
- QUESTIONS



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This presentation will help you to better understand the core ISO 9001, 14001 and 45001 processes, so that we— 'THE TEAM'—can achieve our intended outcomes.

WHAT ARE THE ISO (IMS) STANDARDS?

- ISO 9001 is the International Standard for Quality Management Systems.
- ISO 14001 is the International Standard for Environmental Management Systems.
- ISO 45001 is the International Standard for Occupational Health and Safety Management Systems.
- The intent of the ISO 9001, 14001 and 45001 Standards is to improve an organization's ability to control environmental impacts and provide products and services that meet (or exceed) customer and regulatory requirements.

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WHAT IS AN IMS?

- An Integrated Management System (IMS) is a single system that has been designed to manage multiple aspects of a business's HSEQ operations.
- An Integrated Management System is a specific framework in which a business manages the safety of workers, environmental aspects, the safety of its products and services, and the quality of its products and services.
- An Integrated Management System characterizes a set of HSEQ procedures, processes, plans and practices.



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WHY HAVE AN IMS?

An Integrated Management System can be advantageous for a business by automating core fundamental processes, controlling costs, increasing efficiencies and effectiveness.

This can then lead to cost reductions through optimizing resources and preventing disruptions.

Integration also requires a holistic commitment to increased overall performance, employee and customer satisfaction and continuous improvement.



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THE PLAN, DO, CHECK, ACT APPROACH

The integrated Plan, Do, Check, Act approach follows the layout and structure of the Standards previously listed and the methodology, as outlined below:

PLAN	Establish plans, objectives, targets and processes necessary to deliver the required output conforming to the customer's requirements and the organization's HSE policies.
DO	Implement the processes as required to convert the inputs into the outputs, conforming to the plans.
CHECK	Monitor and measure processes, plans, objectives and targets against the HSE policies, objectives, requirements and report on the results.
ACT	Develop corrective and preventative actions to improve the processes, so that the conversion of inputs to outputs are more effective and efficient.



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CONTEXT OF THE ORGANIZATION

As with all of the individual ISO Standards we need to determine the external and internal issues that are relevant and affect our ability to achieve the intended outcomes of our Integrated Management System.

This may include further defining and managing the risks and opportunities of the below (internal and external) aspects:

Internal

Roles and accountabilities

Workers

Working conditions

Market share

Physical resources

Performance

Values and culture

Innovation and knowledge

Wastes and energy use

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Markets and competition

Regulatory and statutory

Technological

Cultural and social

General public

Suppliers

Political influence

Contractors

LEADERSHIP AND WORKER PARTICIPATION

Leadership and worker participation are critical for the success of an ISO Integrated Management System and the successful achievement of the HSEQ intended outcomes.

Good leadership and worker involvement are essential for establishing the processes that are central to achieving our health and safety objectives and goals.

Leadership activities may include the systematic verification of the effectiveness of the Integrated Management System by undertaking internal audits and analyzing the HSEQ performance data.

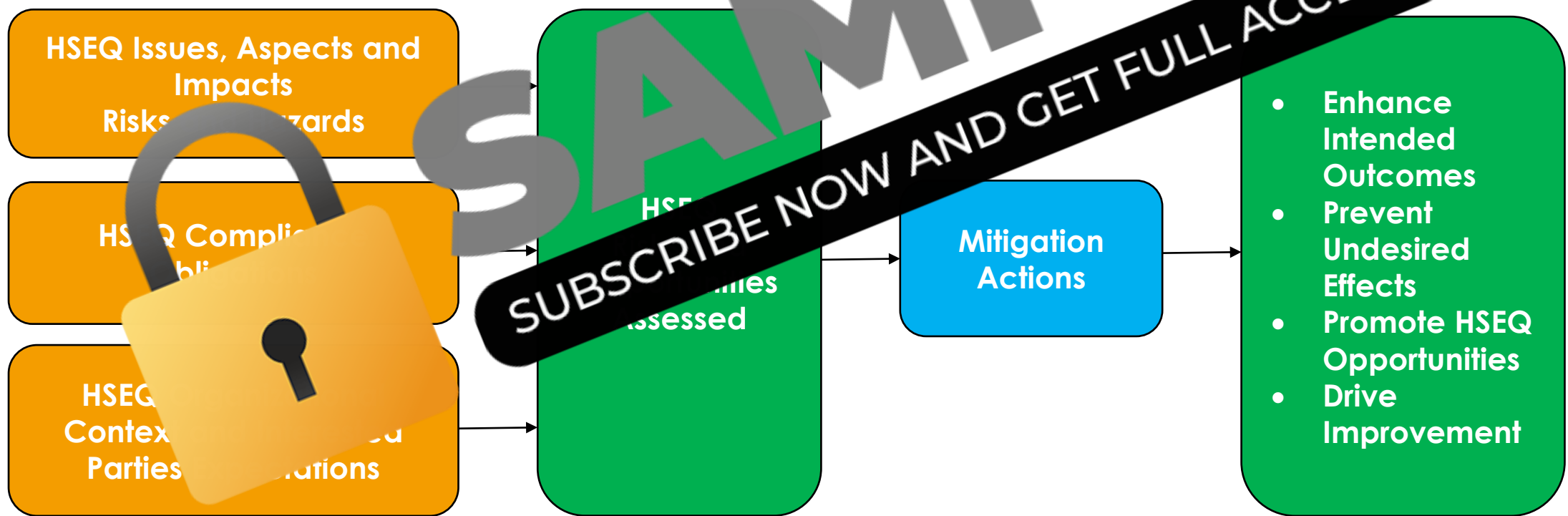


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PLANNING

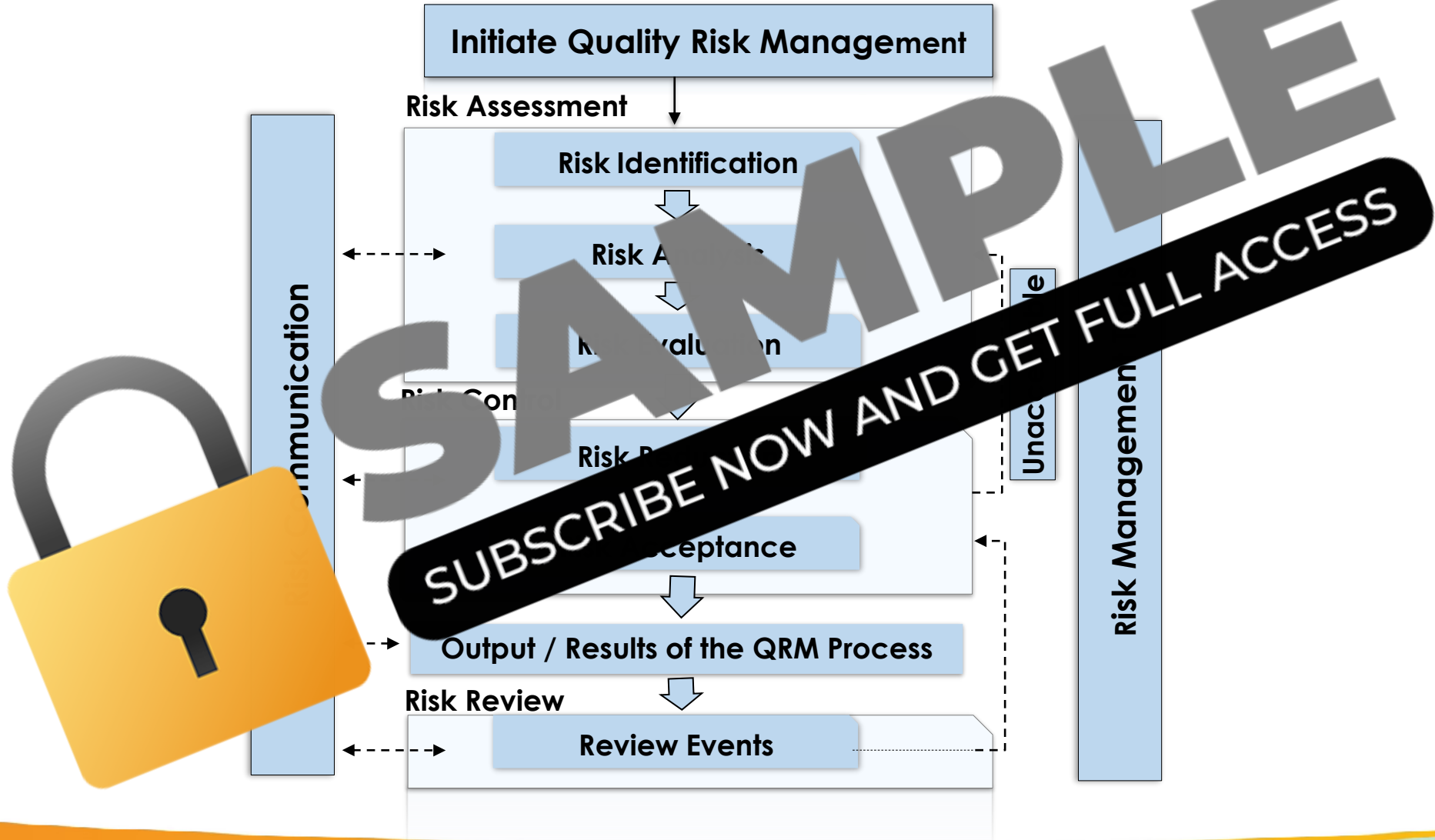
Planning for an ISO Integrated Management System is an ongoing process, and this planning needs to anticipate changing circumstances when determining HSEQ risks and opportunities.

Actions to Address HSEQ Risks and Opportunities



QUALITY RISK PLANNING PROCESS

ISO Integrated Management System



ENVIRONMENTAL PLANNING

An assessment system should be used to identify the significance of each type of environmental aspect and its subsequent impact.

General Types of Environmental Aspects and Impacts



SUPPORT

ISO Integrated Safety Management System needs to have resources and competencies allocated to achieve the desired HSEQ outcomes:

Resources for ISO HSEQ integration Competence requirements for ISO may include:

- Human resources.
 - Specialized skills.
 - Infrastructure
 - Technical
 - Tools, equipment.
 - Natural financial.
- Specialized training and experience.
- Defined responsibilities for positions that affect the HSEQ aspects of products, services and IMS conformity.



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OPERATIONS

Operational planning and the control of processes is needed to implement and benefit from an ISO Integrated Management System. Activities and resources to deliver these benefits may include:

- The use of HSEQ procedures, safe systems of work and the competence of workers.
- Establishing preventive and predictive maintenance and inspection programs.
- The application of legal requirements, compliance obligations, etc.
- HSEQ design and procurement planning.
- Verification of monitoring, inspection and test requirements.
- Potential impacts and mitigation to change (either planned or unintended) affecting input or output requirements.



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PERFORMANCE EVALUATION

The frequency and methods by which HSEQ processes are monitored, measured and evaluated may be determined and informed by:

- Statutory and regulatory requirements
- Process and HSEQ management system requirements.
- Process performance against all requirements.
- Level of risk and type of control measures.
- Trends in information for corrective actions.
- HSEQ

This also forms part of the ISO 9001, 14001 and 45001 continual improvement process.



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Audit Checklist

-  Audit Satisfactory
-  Observation Made
-  Non-Conformance



IMPROVEMENTS

ISO Integrated Management System improvements can be gained by reviewing the results of HSEQ performance and this may include:

- Risk and opportunity evaluation
- Assessment of the changing needs and expectations of interested parties.
- The effectiveness of the integrated Management System.
- Reducing or eliminating negative impacts
- Increasing or creating positive impacts and opportunities.
- The level of customer satisfaction.
- Internal and external audit results.



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KEY ELEMENTS TO ISO INTEGRATED SUCCESS

There are some key elements that need to be considered to ensure the successful development and implementation of an ISO Integrated Management System, inclusive of:

- Determining HSEQ resource gaps
- Ensuring the support and commitment of management and employees.
- Maintaining a focus on the fundamentals such as policies, risk management and leadership requirements.
- Ensuring that everyone is aware of what is being done, why it's being done and how it's done.
- Regular communication and feedback on progress.
- Progressing smoothly and efficiently through the ISO 9001, 14001 and 45001 Standard criteria.



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THE BENEFITS OF ISO INTEGRATION

Some of the main benefits of having an ISO Integrated Management System include:

- Presents a clear uniform image of the business.
- Reduces duplication, administration and maximizes resources.
- Enhanced commitment to customers improves the business as an entire unit.
- A reduction in accreditation costs.
- Less interruptions to the business.
- Reduced administrative costs.
- Streamlined processes.
- More consistent objectives across multiple systems.
- Improved internal and external communications.



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ISO INTEGRATION CHALLENGES

There can also be challenges with the development and implementation of an ISO Integrated Management System inclusive of:

- Obtaining the awareness and competencies for an Integrated Management System.
- Naivety of the complexity of an Integrated Management System.
- Having the resource and the time needed for an ISO Integrated Management System.
- Interpreting and harmonizing requirements of all three ISO Standards and integrating these requirements in a harmonious manner.
- Promoting the continual improvement of all three ISO Standards.



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YOUR ROLE WITH ISO INTEGRATION

There are several things that you can do to make the ISO Integrated Management System work:

- Know and understand the HSEQ policies and the ISO Integrated Management System objectives.
- Understand how you can contribute to the development and implementation of a ISO Integrated Management System.
- Know the risks and controls that are relevant to your work and how they are controlled.
- Contribute to the ISO Integrated Management System journey where you can.
- Communicate and opportunities relevant to your work.
- Be considerate of others and assist wherever possible to create a better and safer working environment.



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IN CONCLUSION

With everyone working together and all of our energy going in the same direction, we can successfully overcome the challenges and implement an effective ISO Integrated Management System that will improve your company, create opportunities and make your workplace healthier, safer, happier and more profitable.



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QUESTIONS?



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Is there anything you would like to know?

Why?
how? who?
WHEN?
Where?

THANK YOU FOR YOUR PARTICIPATION!

