

AS/NZS ISO Integrated Management System Training Presentation



INTRODUCTION TO 9001, 14001, 45001

An AS/NZS 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.

- AS/NZS ISO 9001, Quality Management System Requirements.
- AS/NZS ISO 14001 Environmental Management Systems – Requirements with Guidance for Use.
- AS/NZS 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.

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
- THE KEY TO ISO INTEGRATED MANAGEMENT SYSTEMS
- BENEFITS OF INTEGRATION
- ISO CHALLENGES
- YOUR ROLE WITH ISO INTEGRATION
- IN CONCLUSION
- QUESTIONS

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

WHAT ARE THE STANDARDS?

- AS/NZS ISO 9001 is the International Standard for Quality Management Systems.
- AS/NZS ISO 14001 is the International Standard for Environmental Management Systems.
- AS/NZS ISO 45001 is the International Standard for Occupational Health and Safety Management Systems.
- The intent of the AS/NZS ISO 9001, 14001 and 45001 Standards is to improve worker safety, 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 combining core fundamental processes, considering increasing efficiencies and effectiveness.

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

Integration also involves 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 interested parties' requirements and the organization's HSE objectives.
DO	Implement the processes required to deliver the inputs into the outputs, as planned.
CHECK	Monitor and measure processes, plans, objectives and targets against the HSE objectives, 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 accountability
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 AS/NZS 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 critical to achieving our health and safety objectives and policy goals.

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

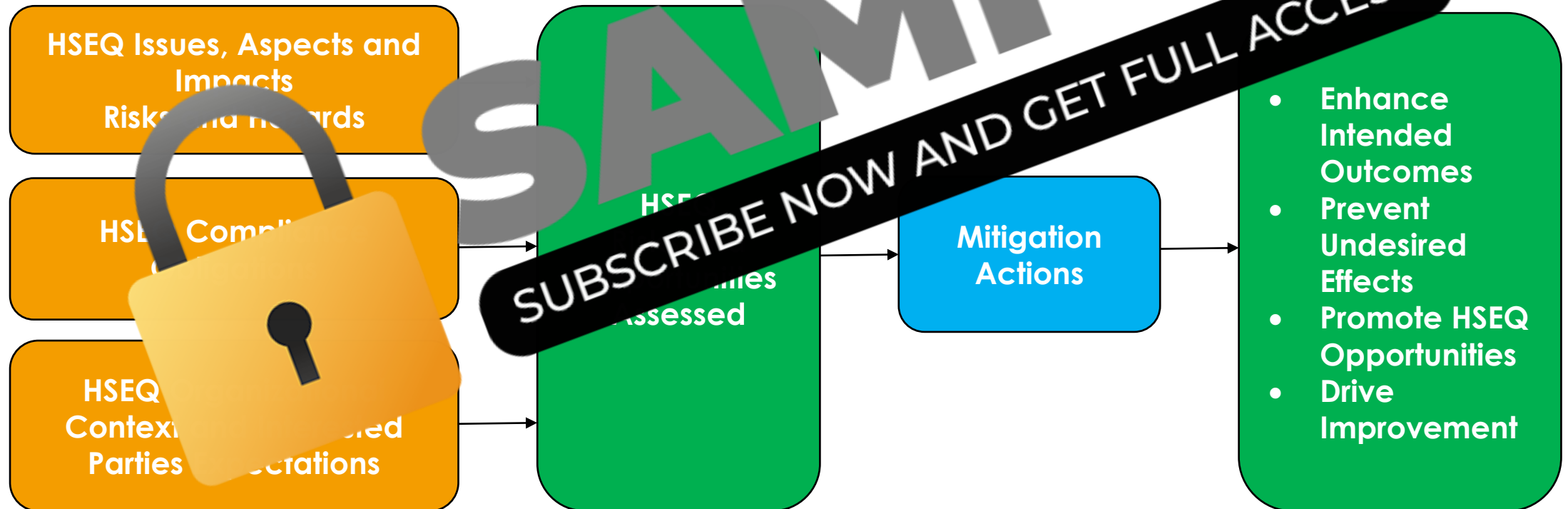


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PLANNING

Planning for an AS/NZS 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



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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

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

Resources for AS/NZS ISO HSEQ Compliance requirements for AS/NZS integration may include:

- Human resources.
 - Specialized skills.
 - Infrastructure.
 - Technological equipment.
 - Tools, plant and equipment.
 - Natural and financial.
- Specific requirements include:
- 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 AS/NZS ISO Integrated Management Systems. 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 and compliance obligations, etc.
- HSEQ design and procurement planning.
- Verification on 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 and audit results.
- Level of risk and type of control measures.
- Trends and information for corrective actions.
- HSEQ requirements.

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



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Audit Checklist

- Audit Satisfactory
- Observation Made
- Non-Conformance



IMPROVEMENTS

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

- Risk and opportunity evaluations.
- Assessment of the change in needs and expectations of interested parties.
- The effectiveness of the integrated management System.
- Reducing environmental impacts
- Increasing social impacts and opportunities.
- The level of customer satisfaction.
- Internal and external audit results.

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KEY ELEMENTS TO INTEGRATED SUCCESS

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

- Determining HSEQ resource gaps.
- Ensuring the support and commitment from management and employees.
- Maintaining a focus on the fundamental elements such as policies, risk management and leadership.
- 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 regularly and efficiently through the AS/NZS ISO 9001, 14001 and 45001 standards criteria.

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THE BENEFITS OF INTEGRATION

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

- Presents a clear uniform image of the business.
- Reduces duplication, administration and maximizes resources.
- Enhanced commitment to continuing improvement across an entire unit.
- A reduction in accreditation costs.
- Less interruption to the business.
- Reduced duplication of effort.
- Streamlined processes.
- More consistent objectives across multiple systems.
- Improves internal and external communications.

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AS/NZS ISO INTEGRATION CHALLENGES

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

- Obtaining the awareness and commitment needed for an Integrated Management System.
- Naivety of the complexities of an Integrated Management System.
- Having the resources and dedication needed for an AS/NZS ISO Integrated Management System.
- Interpreting and correlating requirements of all three AS/NZS ISO Standards and integrating these requirements in a harmonious manner.
- Promoting the continual improvement of all 3 AS/NZS ISO Standards.



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YOUR ROLE WITH INTEGRATION

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

- Know and understand the HSEQ policies, objectives and AS/NZS ISO Integrated Management System objectives.
- Understand how you can contribute to the development and implementation of an AS/NZS ISO Integrated Management System.
- Know the risks and hazards that are relevant to your work and how they are controlled.
- Contribute to the AS/NZS ISO Integrated Management System journey where appropriate.
- 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 BETTER for everyone.



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QUESTIONS?



Is there something you would like to know?

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Why?
how? who?
WHEN?
Where?

THANK YOU FOR YOUR PARTICIPATION!

