

ATLAS™ HSE Management System

Overview



ATLAS™ - Health, Safety and Environment Management System



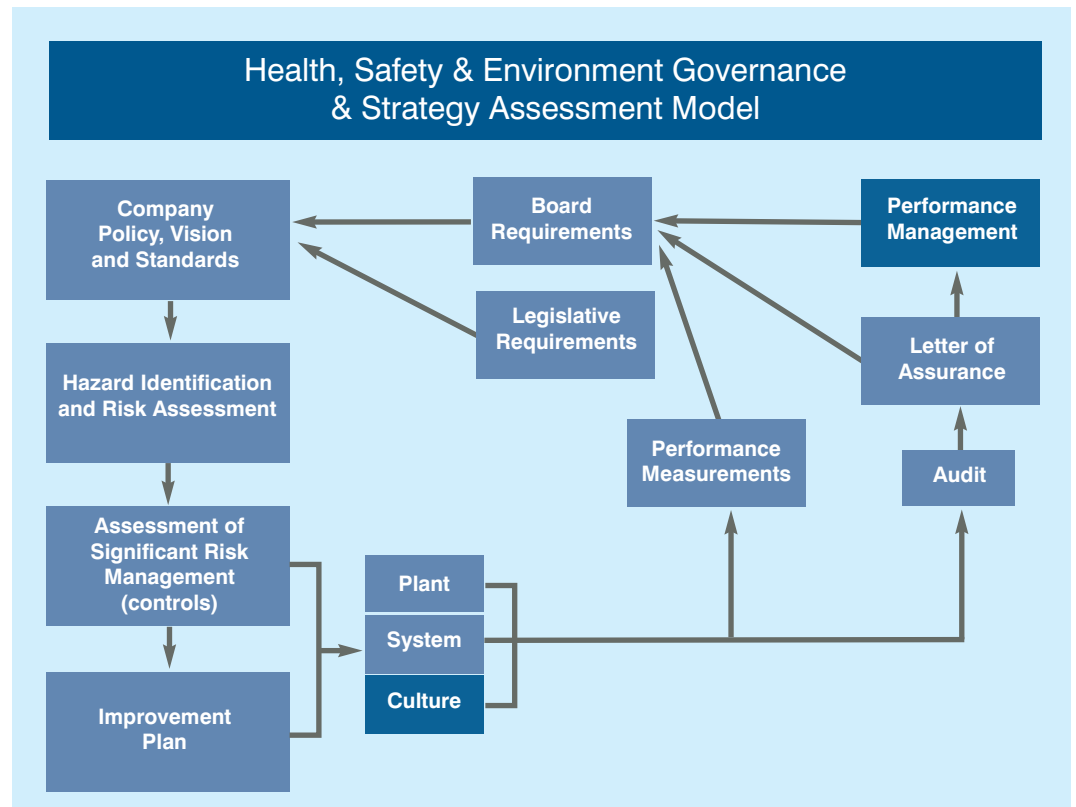
INTRODUCTION

Russell Consulting International maintains an exclusive partnership with Orica Australia enabling us to provide many clients with the ATLAS™ Health, Safety and Environment (HSE) Management System to improve safety performance.

The ATLAS™ HSE Management System is modelled on best practice applications currently in use at Orica Australia - one of the world's safest companies.

It is a proactive system that contains comprehensive, yet practical, content and tools including policies, standards, procedures, forms, audit checklists, training material and implementation guidelines.

Using ATLAS™ any company in any industry sector can effectively and efficiently manage its HSE risks, prevent injuries and illness from occurring and assist compliance with various HSE regulatory requirements. In turn, clients significantly reduce the costs associated with poor HSE performance.



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OVERVIEW

The ATLAS™ HSE Management System provides an effective model for HSE management to give companies the level of detail required to build effective HSE management systems, without having to re-invent the wheel.

The ATLAS™ HSE Management system gives users the road map, technical detail and practical tools that they require to meet the intent of the various Regulatory HSE requirements that are applied throughout Australia and New Zealand and provides a proven basis for demonstration of duty of care and due diligence in the management of their HSE risks.

The system includes specific information that can be used as a guide to supplement existing HSE system or to build an HSE Management System from the ground up. It includes information which will enable organisations to:

- Develop an effective HSE Strategy
- Design a foundation HSE Policy
- Identify necessary HSE Management System Documentation
- Assess HSE Management System Compliance and Effectiveness
- Follow a simple set of Implementation Guidelines
- Measure and improve the basic HSE Management framework
- Implement Critical and Core Procedures

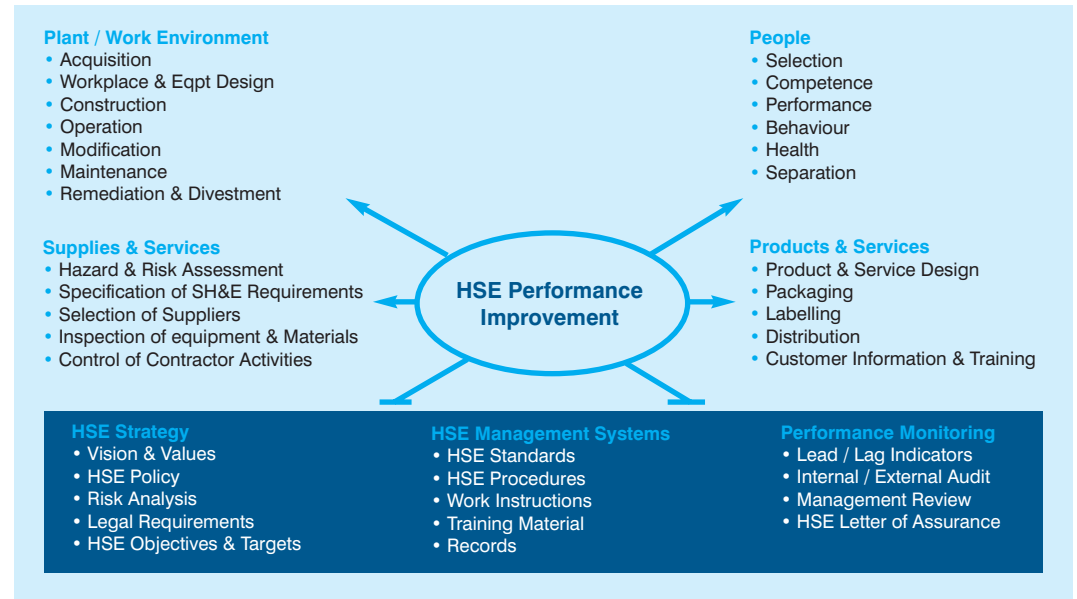
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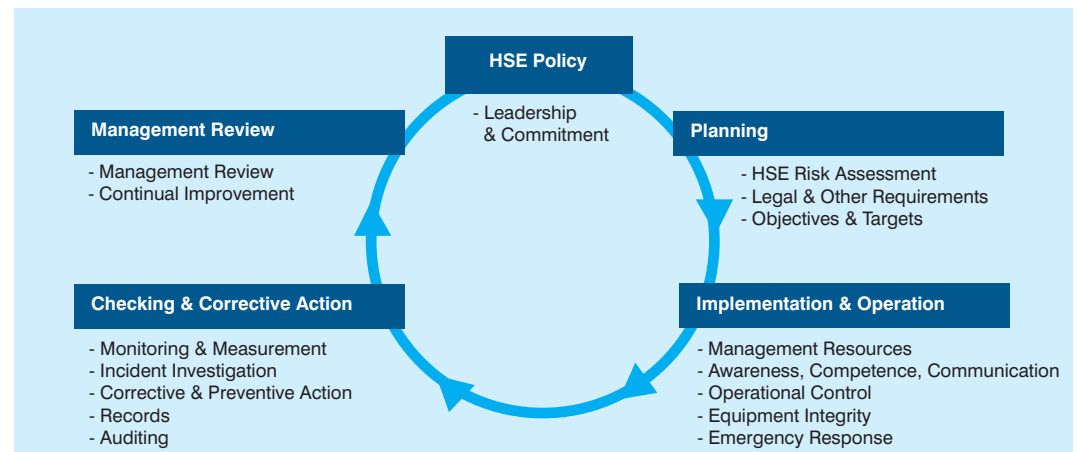


The following model depicts a typical set of risks that may be experienced by a company in its life cycle.



RISK MANAGEMENT

The ATLAS™ HSE Management System adopts the continuous improvement cycle principles of both ISO 14001 & AS 4801 to focus HSE Management on the specific risks for each user company. The ATLAS™ HSE Management System was built on a belief that HSE Management is about effective and actual risk management, not ticking off compliance with a pre-conceived set of requirements.



The ATLAS™ HSE Management System provides practical Implementation Guidelines and audit tools for effective HSE management around the cycle, supported by detailed Model Procedures and Forms which can be selected to manage specific, core or critical Equipment, Material and Activity based risks.

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MODEL PROCEDURES

The ATLAS™ HSE Management System provides the concept of Model Procedures. It recognises that individual sites and businesses have difficulty obtaining and maintaining the information, resources and expertise needed to develop, implement and maintain the systems required to manage the range of risks they face.

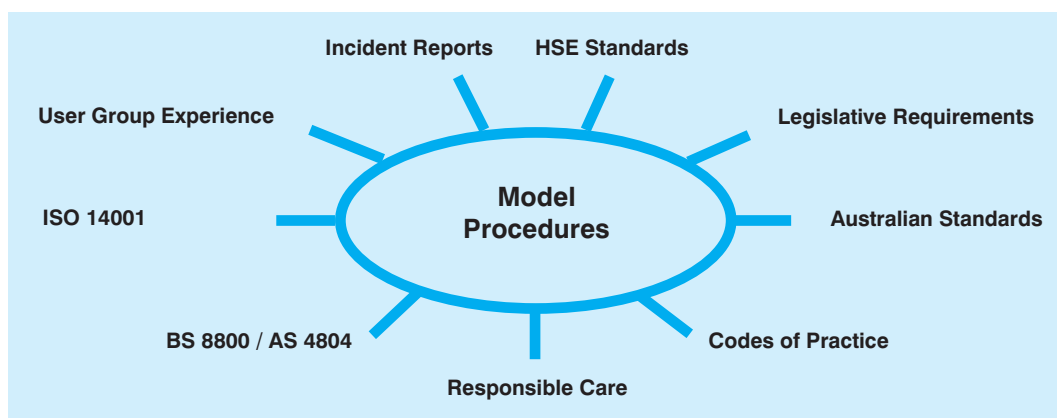
Each Model Procedure addresses the issues relating to a particular hazard or risk area and describes the practical controls to be applied to eliminate or manage such risks. The Model Procedures are supported by individual audit checklists and include references and standard forms to simplify and reduce the time and cost of implementation or compliance.

MODEL PROCEDURE INPUTS

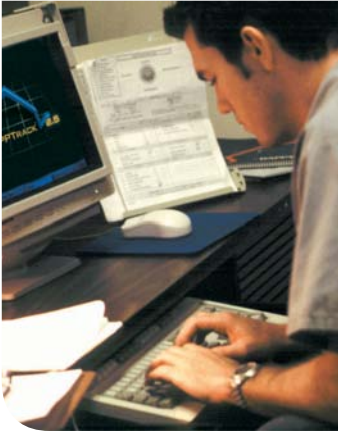
The ATLAS™ HSE Management System brings together requirements from:

- Common HSE legislation;
- ISO 14001 and BS 8800;
- AS 4804 and Safety Map;
- Australian Standards and Codes of Practice; and
- The International Responsible Care - program

The Model Procedure structure, content and style have also been designed to facilitate integration with ISO 9000 based quality systems.



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The content is periodically updated to reflect feedback from users, learning from incidents and changes in applicable HSE legislation, Australian Standards and other reference Standards and Codes of Practice.

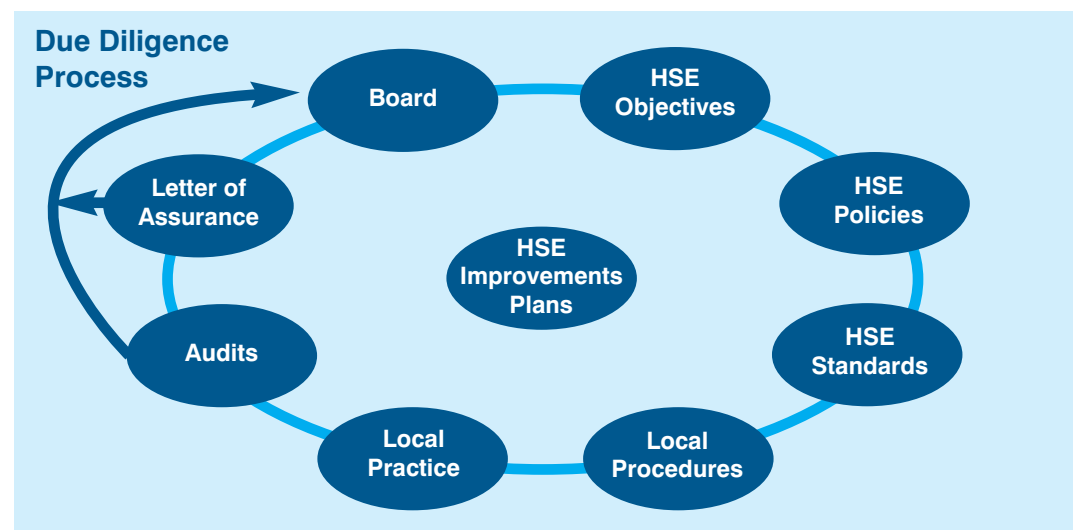
SYSTEM BENEFITS

The ATLAS™ HSE Management System offers the following benefits;

- Out performs Australian States & Commonwealth HSE Legislation
- Twice yearly automated updates
- Includes full standards package, more than 100 Model Procedures and more than 1,000 supporting documents
- Friendly MS Word format
- Package ready to adapt to your HSE system
- Can be tailored to include an employee training package

DUE DILIGENCE

The ATLAS™ HSE Management System provides a sound basis for demonstration of duty of care and due diligence in the management of HSE risks. The Model Procedures describe a process for development of letters of assurance to report and record compliance against the HSE Standards and the relevant legislative requirements, and to identify and record actions to strengthen compliance.





SAMPLE LIST OF THE MODEL PROCEDURES

Below is a sample list of the Model Procedures included in the ATLAS™ HSE Management System package (Note: the procedures included in this list may change as the system is updated).

HSE MANAGEMENT

- HSE Policies, Standards and Objectives
- Resource Conservation
- Wildlife Conservation
- Heritage Protection
- HSE Risk Assessment
- Environmental Impact Assessment
- Occupational Hygiene Assessment
- Product Stewardship
- Periodic Hazard Studies
- Legal Requirements
- Modifications
- Temporary Repairs
- Site Development
- HSE Improvement Plan
- HSE Management Resources
- Occupational Health Resources
- Health Assessment & Monitoring
- Site HSE Committee
- HSE Training
- Health Promotion
- Communication Process
- Community Relations Programs
- Community HSE Performance Reports
- HSE Assurance
- Identification & Management of Critical Systems
- Physical Security Risk Assessment
- Management of Physical Security Risks
- Emergency Plans
- Critical Incident Recovery Management
- Fire Risk Management
- Corrective & Preventative Action
- Incident Management
- First Aid
- Worker Compensation & Rehabilitation
- HSE Performance Reporting
- HSE Stakeholder Identification
- Plant Dossier
- Personal Health Records
- Internal HSE Audits (including Job Cycle Checks)
- Corporate HSE Audits

EQUIPMENT HAZARDS

- HSE Risk Assessment of Existing Plant
- Critical Machine Systems
- Pressure Systems
- Use of Hoses
- Machine Guarding
- Lifting Equipment
- Neighbourhood Impact
- Forklift Trucks
- Vehicles on Site
- Plant Structures & Pipe Bridges
- Safety Instrumented Systems
- Classification of Hazardous Areas
- Ignition Sources in Hazardous Areas
- Portable Electrical Equipment
- Gas Detectors
- Powered Mobile Plant
- Office Safety and Health
- Temporary Accommodation
- Personal Hygiene in the Workplace
- Exhaust Ventilation

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- Scaffolding, Ladders & Portable Steps
- Electrical Isolation
- Isolation & Tagging of Plant Equipment
- Electrical Requirements for Construction & Demolition
- Dangerous Tools including knives
- Environmental Noise
- Hearing Conservation

MATERIAL HAZARDS

- Workplace Hazardous Substances
- Material Safety Data Sheets
- Labelling Enclosed Systems & Decanted Substances
- Isolation of Plant & Equipment from Hazardous Materials
- Asbestos & Synthetic Mineral Fibres
- Storage of Dangerous Goods
- Transport of Dangerous Goods & Non-Dangerous Goods
- Underground & Secondary Containment
- Major Hazard Facilities
- Land Protection Management
- Reproductive Hazards
- Chemical Compliance
- Biological Hazards including Cooling Towers
- Personal Protective Equipment
- Waste Management
- Product Packaging
- Product Labelling

ACTIVITY HAZARDS

- Behavioural Safety Improvement
- Job Safety & Environment Risk Analysis (JSERA)
- Clearance to Work
- Control of Hot Work
- Entry into Confined Spaces
- Excavation/Break-in Authority
- Work at Heights/Work on Roof
- Work on High Voltage Equipment & Systems
- Work on, or in the vicinity of, Live Electrical Low Voltage Equipment/Systems
- Radiation Protection
- Isolation from Stored Mechanical Energy
- Decontamination of Process Equipment
- Driver Safety
- Fatigue Management / Hours of Work
- Housekeeping
- Ergonomics & Manual Handling
- Electrical Safety
- Safe Laboratory Operations
- Lone & Isolated Workers
- Travel Health, Safety & Security
- Working in Heat & Other Extreme Conditions
- Working From Home
- Smoke-Free Work Environment
- Drugs & Alcohol
- Capital Projects
- Decommissioning, Decontamination, Removal of Plant & Equipment & Remediation of Land
- Acquisition and Divestment
- On Site Contractor HSE Management
- Toll Manufacture & Other Contracted Off-site Operations
- Selection & Management of Transport & Storage Contractors
- Air Travel Safety
- Transfer of Technology
- HSE Requirements on Customer Sites
- Visitors to Site

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LICENSES AND SUBSCRIPTION UPDATES

A licence to purchase the ATLAS™ HSE Management System can be tailored to meet your individual company needs. We are able to extend subscription discounts for multiple year subscription commitments.

The first year's fee consists of the licence to use the system and annual subscription. Subsequent annual subscription fees can be committed to at the time of purchase or purchased at the conclusion of the first year's subscription, providing the licence does not lapse.

All subscriptions to the ATLAS™ HSE Management System include regular periodic updates that capture changes in legislation; any identified "best practice" from Orica Australia, as well as any learning from significant incidents and input from the current ATLAS™ HSE Management System users group so that the system remains current and a "best practice".

For further information regarding the ATLAS™ HSE Management System – including a tailored cost quotation, please contact Russell Consulting International as per details on the back cover of this brochure.

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RussellConsultingTM
leadership – safety – people

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