

Risk

ISO31001:2018



ISO 31000 is very similar in approach to other management standards in that it follows the Plan Do Check Act (PDCA) cycle with the usual focus on continuous improvement. EHS practitioners will be familiar with OHSAS 18001 Health & Safety and ISO 140001 Environmental Standards which themselves closely follow the format of earlier quality standards. ISO 31001 is therefore evolutionary and at the same time complementary to other standards. It is a standard/guideline that acts as the basis for other risk related standards of which there are many e.g. Environmental Health and Safety, Emergency and Crisis Management etc.

A risk assessment process comprises identification of the following three components:

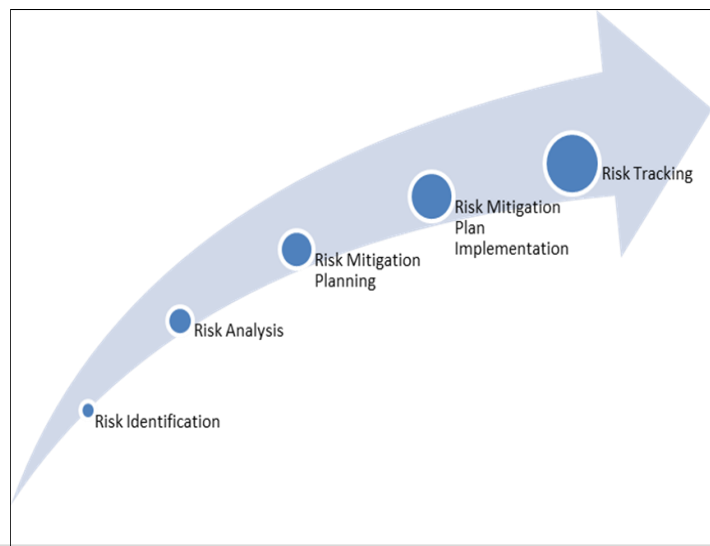
- A future root cause (yet to happen), which, if eliminated or corrected, would prevent a potential consequence from occurring;
- A probability (or likelihood) assessed at the present time of that future root cause occurring; and
- The consequence (or effect) of that future occurrence.

A future root cause is the most basic reason for the presence of a risk. Accordingly, risks should be tied to future root causes and their effects or consequences.

The GCS SHERQ team has been involved in authorisation processes and related work for over 13 years. The team has a wide range of Environmental, Health and Safety, Risk and Quality management skills and has been involved in risk aspects for a number of large scale developments and multi-disciplinary projects. The aim of the unit is to provide a cost effective and efficient service to our clients, which is tailored to the specific requirements of each project.

For Quality Management Systems, GCS offers the following services:

- Feasibility Study Risks
- Hazard Identification and Risk Assessment
- Disaster Risk Management
- Quantitative and Qualitative Risks
- Project Management Risks
- Quality Risk
- Health and Safety Risk
- Environmental Risk
- Closure and Rehabilitation Risk
- Climate Change Risks



For all Health and Safety enquiries please contact Jacques Harris

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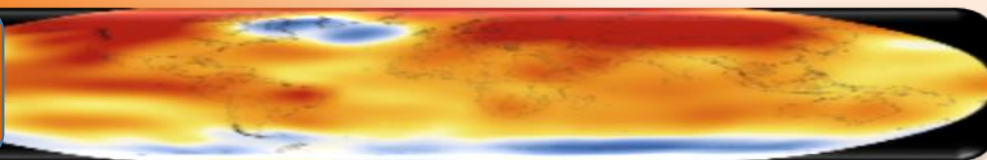
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- ISO 31001:2018 processes:
 - Policy and Governance
Assist with the mandate and demonstrates the commitment of the organization
 - Program Design
Design of the overall Framework for managing risk on an ongoing basis
 - Implementation
Implementing the risk management structure and program
 - Monitoring and Review
Oversight of the management system structure and performance
 - Continual Improvement
Improvements to the performance of the overall management system

As part of the implementation process GCS has collaborated with a Quality software developer to assist with the operational aspects of ISO 31001:2018 and Quality Management Systems. GCS also negotiates secondment personnel to our clients, offering assistance with the implementation of processes and procedures over prescribed timeframe.

HEALTH AND SAFETY - PROJECT DATA

YEAR	CONSULTANT	CLIENT	PROJECT	Activity
2018	Jacques Harris (Lead on project)	GCS Pty Ltd	SHERQ Implementation	Consultancy
2017	GCS	Vikesh Parboo	Fish farm risk Assessment	Contaminated water
2017	GCS	Fundaa Consulting Services	Fish farm risk Assessment	Contaminated water
2017	GCS	Nutri Poultry Products	Fish farm risk Assessment	Contaminated water
2014	GCS	Somkhele Anthracite Mine	Somkhele Risk Assessment	Area 3 risk
2014	GCS	Quantum Crushing and Screening	Kangra Ballengeich Coal Mine Pollution	Contaminated Land
2014	GCS	Sasol	Sasol Translux Phase 1 Risk Assessment	Contaminated Land
2014	GCS	Sasol	Sasol Van Buuren Phase 1 Risk Assessment	Contaminated Land

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