



International Environmental Standards

Environmental impact is an important issue all around the world, with pressure to minimise that impact coming from a number of sources: local and national governments, regulators, trade associations, customers, employees and shareholders.

ISO 14001 is the internationally accepted standard that specifies a process for managing and improving an organisation's environmental performance. The standard is designed to address the balance between maintaining profitability and reducing environmental impact.

Key to achieving this standard is implementing and maintaining an effective environmental management system.

For a management system to be fully effective an organisation relies on the commitment of its entire workforce.

In order to be eligible for ISO certification, initially an organisation needs to identify aspects of the business that impact on the environment and understand the relevant environmental laws. The next step is to produce objectives for improvement and develop a management programme to achieve them, with regular reviews for continual improvement. Independent assessors then audit the system and, if the company is compliant, provide registration to ISO 14001.

What do ISO 14001 assessors assess?

- General requirements
- Environmental policy – what we say we will do
- Plans to meet legal and other requirements, risk management and objectives and targets
- How the site implements its plans throughout the various operations
- Monitoring and checking processes and what actions are taken to prevent or mitigate pollution
- Management review processes that drive improvement

Maintaining the standard

Newmont Waihi Gold was first certified to ISO 14001 in 2002. The provider for that and subsequent regular audits until last year was SGS, an international independent body. As well as ISO audits NWG used to take part in annual internal audits known as Five Star Assessments. These were carried out in the areas of environment, community relations and health/safety. Newmont discontinued Five Star in favour of adopting one international standard over all its sites around the world. The company who provides this assessment service is British Standards Institution.

BSI

The British Standards Institution (BSI) began in 1901, making it the first national standards body in the world. BSI was founded by the man who engineered Tower Bridge – Sir John Wolfe-Barry. His father designed the Houses of Parliament in



14001

London, England.

Seventy five per cent of companies listed on the FTSE 100 Index and two-fifths of Fortune 500 businesses use BSI's services. ISO 14001 for environmental management was derived from BSI standards originally published in 1992. ISO 14001 is now adopted by 154,000 organisations in 148 countries. BSI was also responsible for the development of OHSAS 18001 for occupational health and safety, now BS OHSAS 18001. Registration to ISO 14001 entitles NWG to use BSI's stamp of approval.

International Health and Safety Standards

OHSAS 18001

This internationally recognised standard was recently developed by a selection of leading trade bodies, international standards and certification bodies to fill a gap where no third-party certifiable international standard previously existed.

Many organisations implement an Occupational Health and Safety Management System (OHSMS) as part of their risk management strategy to address changing legislation and protect their workforce.

An effective management system promotes a safe and healthy working environment by providing a framework that allows an organisation to consistently identify and control its health and safety risks, reduce the potential for accidents, aid legislative compliance and improve overall performance.

OHSAS 18001 is designed to be compatible with **ISO 14001** environmental standards.

The following key areas are addressed by OHSAS 18001:

- Planning for hazard identification, risk assessment and risk control
- OHSAS management programme
- Structure and responsibility
- Training, awareness and competence
- Consultation and communication
- Operational control
- Emergency preparedness and response
- Performance measuring, monitoring and improvement

Newmont Waihi Gold achieved OHSAS 18001 registration with BSI in 2009 after receiving certification on its first assessment, which took place in November 2008.



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