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# **ENVIRONMENTAL** MANAGEMENT STANDARDS



# Green Standards for Sustainable Development

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Enabling Enterprise

# ENVIRONMENTAL MANAGEMENT STANDARDS

Environmental protection and resource sustainability are becoming crucial drivers in today's global business practices. With the growing demand on limited resources, businesses have to find better ways to minimise their impact on the environment while enhancing efficiency and reducing wastage.

Standards are an essential part of any environmental management plan. The need for a consistent, reliable approach to measuring, verifying and reporting data is paramount, especially as regulatory pressure increases and stakeholders demand transparency. Some benefits to your business when adopting environmental standards are:

- · Cost savings and improved bottom line
- Help identify energy efficiencies and reduce costs
- Support regulatory compliance
- Demonstration of best practices
- "Greener" product design practices
- Inspire customer confidence
- Improved company profile

## SINGAPORE STANDARDS

1. SS ISO 50001:2011

# Specification for energy management systems - Requirements with guidance for use

Specifies requirements for an organisation to establish, implement, maintain and improve an energy management system, which enables an organisation to take a systematic approach, in order to achieve continual improvement of energy performance, including energy efficiency, energy use and consumption. Also specifies requirements applicable to energy use and consumption, including measurement, documentation and reporting, design and procurement practices for equipment, systems, processes, and personnel that contribute to energy performance.

#### 2. SS 564:2010

#### Green data centres – Energy and environmental management systems

Specifies the requirements for the management of energy use (and other significant environmental aspects) of a data centre. Specifies requirements for an organisation to establish and maintain an energy and environmental management system, which enables the organisation to take a systematic approach to achieve continual improvement of energy performance of its data centre. Focuses on energy efficiency applicable to the data centre industry. Elaborates on the best practices in the design of a green data centre, as well as those in managing its electrical systems, mechanical systems and ICT equipment. Also specifies relevant metrics necessary for measuring the achievement of a green data centre.

#### 3. SS ISO 19011:2011

### Guidelines for quality and/or environment management systems auditing

Provides guidance on the principles of auditing, managing audit programmes, conducting quality management system audits and environmental management system audits, as well as guidance on the competence of quality and environmental management system auditors.

# 4. SS ISO 14001:2004

5.

\$28.35

\$49.35

\$47.00

**Environmental management systems - Requirement with guidance for use** Specifies requirements for an environmental management system to enable an organisation to develop and implement a policy and objectives which take into account legal requirements and other requirements to which the organisation subscribes, and information about significant environmental aspects.

#### SS ISO 14004:2004 \$47.00 Environmental management systems - General guidelines on principles, systems and supporting techniques

Provides guidance on the establishment, implementation, maintenance and improvement of an environmental management system and its coordination with other management systems.

* Package on environmental management (Item 3, 4 & 5)	<b>\$92.28</b> (Save \$23.00)
** SS ISO 14000 Series (Item 4 & 5)	<b>\$72.90</b> (Save \$8.10)

## INTERNATIONAL / OVERSEAS STANDARDS

6.	ISO 21930:2007 Sustainability in building construction – Environmental declaration of building products	\$183.69
7.	ISO 14040:2006 Environmental management – Life cycle assessment – Principles and framework	\$153.86
8.	ISO 14064-1:2006 Greenhouse gases – Part 1 : Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals	\$153.86
9.	ISO 14064-2:2006 Greenhouse gases – Part 2 : Specification with guidance at the project level for quantification, monitoring and reporting of greenhouse gas emission reductions or removal enhancements	\$185.26
10.	ISO 14064-3:2006 Greenhouse gases – Part 3 : Specification with guidance for the validation and verification of greenhouse gas assertions	\$204.10
11.	ISO 14005:2010 Environmental management systems - Guidelines for the phased implementation of an environmental management system, including the use of environmental performance evaluation	\$263.76
12.	ISO 14006:2011 Environmental management systems - Guidelines for incorporating ecodesign	\$194.68

\*Prices are subject to change and exclude GST.

\$34.00