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- What is the standard?
 - What is the intent?
 - How do we comply?
 - Why go for it?
 - What's the process?
 - Responsibilities?
 - Environmental awareness
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What is the ISO14001 standard?

ISO14001:2004 specifies requirements for an environmental management system (EMS) to enable an organisation to develop and implement a policy and objectives which take into account legal requirements and information about significant environmental aspects.

It is an international standard and applies to all types and sizes of organisation.

The success of the system depends on commitment from all levels and functions of the organisation, and especially from top management.

What is the ISO14001 standard?

ISO14001 enables an organisation to develop an environmental policy, establish objectives and processes to achieve the policy commitments, take action as needed to improve its performance and demonstrate the conformity of the system to the requirements of this Standard.

The overall aim of this International Standard is to support environmental protection and prevention of pollution in balance with socio-economic needs.

What is the ISO14001 standard?

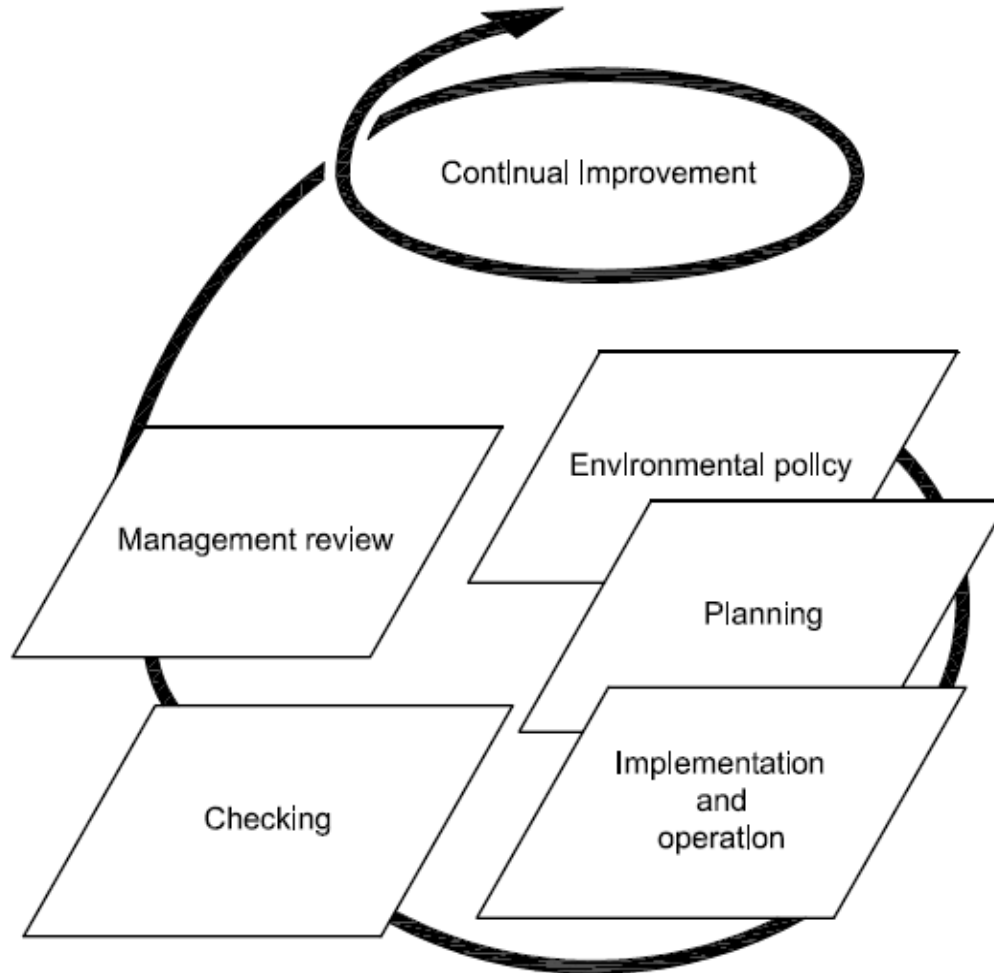
Demonstration of successful implementation of this International Standard can be used by an organisation to assure interested parties that an appropriate environmental management system is in place.

e.g. to meet pre-tender requisites (particularly in automotive/aerospace sectors).

What is the ISO14001 standard?

Quoted from ISO14001; 'International Standards covering environmental management are intended to provide organizations with the elements of an effective environmental management system (EMS) that can be integrated with other management requirements and help organizations achieve environmental and economic goals.'

ISO14001 Management System Model



What is the intent of the ISO14001 standard?

Requirements are relatively straightforward – can readily be integrated to an existing ISO9001 or TS16949 management system.

Key difference to many other standards (except OHSAS18001) is that an organisation has to evidence that it is meeting all of the applicable environmental legislation.

THIS CAN BE QUITE ONEROUS!!

IGNORANCE IS NO EXCUSE!!

Why go for the ISO14001 standard?

Ensures regulatory compliance (therefore reduced risk on a company and its owners/stakeholders).

Commercial – expected by customers.

Can reduce operational costs.

Because we should care as a company about the environment & we are all as individuals becoming increasingly conscious of our impacts.

EVERYONE In a company, no matter where they work or what they do, has a considerable influence over what happens to the environment



How do we comply with the ISO14001 standard?

Links to/compliments TS16949 and can be readily integrated.

May already have building blocks in place

e.g. H&S practices, Lean basics – 5S, TPM etc

Risk management

WHAT'S THE PROCESS?

Get senior management involvement and appoint team
(identify EMS Rep. to train/qualify accordingly).

Conduct Gap analysis + identify waste streams

Identify applicable legislation related to:

- releases to air & water
- land contamination
- nuisance
- conservation and wildlife
- + development control + dangerous substances + H&S

WHAT'S THE PROCESS?

Identify business aspects, their actual/potential impacts – then rate (risk assess) by scoring likelihood and consequence.

Review – then address relatively high scoring impacts (particularly where not meeting minimum legal requirements!

Documentation – system (integrate procedures) + identify and control records (e.g. Waste Transfer Notes, Consents, Utility bills, audits, Licences etc.

Set up controls, monitoring processes and communication channels.

WHAT'S THE PROCESS?

Develop Emergency Preparedness & Response – then test.

Train staff.

Self audit – then address actions

Stage 1 – Docs + readiness

Address stage 1 corrective actions

Stage 2 – Assessment (UKAS Accredited !!)

RESPONSIBILITY

WHO IS RESPONSIBLE FOR WHAT?

- Senior Management (ultimate responsibility!)
- Environmental Management Representative
- Environmental Task Team



Everyone has a responsibility for good housekeeping, hygiene and environmental best practice!!

BENEFITS

- ✓ Safer working environment
- ✓ Compliance – therefore reduced regulatory risk to business
- ✓ Improved efficiencies + reliability through TPM
- ✓ Reduced energy consumption and costs
- ✓ Reduced water consumption and costs
- ✓ Reduced waste transfer costs by recycling
- ✓ Reduced carbon footprint (global picture)
- ✓ Meet pre-tender and customer requirements
- ✓ Sense of achievement/pride (company & staff)

Thankyou

Protect the Environment



For a Greener Future