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**Ships and marine technology — Ship  
recycling management systems —  
Specifications for management systems  
for safe and environmentally sound ship  
recycling facilities**

*Navires et technologie maritime — Systèmes de management de  
recyclage des navires — Spécifications relatives aux systèmes de  
management pour les chantiers de recyclage des navires, sûrs et non  
polluants*



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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 30000 was prepared by Technical Committee ISO/TC 8, *Ships and marine technology*.

This first edition of ISO 30000 cancels and replaces ISO/PAS 30000:2008, which has been technically revised.

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## Introduction

This International Standard has been developed in response to demand from industry for a ship recycling standard.

NOTE This International Standard is based on the methodology known as Plan-Do-Check-Act (PDCA). PDCA can be described as follows.

- Plan: establish the objectives and processes necessary to deliver results in accordance with the organization's ship recycling policy.
- Do: implement the processes.
- Check: monitor and measure processes against recycling policy, objectives, targets, legal and other requirements, and report results.
- Act: take actions to continually improve performance of the recycling management system.

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# Ships and marine technology — Ship recycling management systems — Specifications for management systems for safe and environmentally sound ship recycling facilities

## 1 Scope

This International Standard specifies requirements for a management system to enable a ship recycling facility to develop and implement procedures, policies and objectives in order to be able to undertake safe and environmentally sound ship recycling operations in accordance with national and international standards. The management system requirements take into account the relevant legal requirements, safety standards and environmental elements that the ship recycling facility needs to identify and comply with in order to carry out safe and environmentally sound ship recycling.

This International Standard applies to the entire process: accepting a ship for recycling by the facility; assessing the hazards onboard the ship; identifying and complying with any applicable notification and import requirements for ships to be recycled; carrying out the recycling process in a safe and environmentally sound manner; conducting required training; ensuring the availability of social amenities (e.g. first aid, health checks, food and beverages); storage and processing of materials and wastes from the ship; waste stream and recycling stream management, including contractual agreements; and documentation controls for the process, including any applicable notification of the final disposal of the vessel.

This International Standard is applicable to any ship recycling facility that wishes to:

- a) establish, implement, maintain and improve a safe and environmentally sound management system for the recycling of ships;
- b) assure itself of conformity with its stated safe and environmentally sound management policy;
- c) demonstrate conformity with this International Standard by
  - 1) making a self-determination and self-declaration, or
  - 2) seeking confirmation of its conformance by parties having an interest in the facility such as customers, or
  - 3) seeking confirmation of its self-declaration by a party external to the organization, or
  - 4) seeking certification/registration of its management system by an external organization.

All the requirements of this International Standard are intended to be incorporated into the management systems of any ship recycling facility. In order to be in compliance with this International Standard, the management systems will address all requirements.

A comparison of this International Standard and the planned IMO International Convention for the safe and environmentally sound recycling of ships is given in Annex A.

## 2 Normative references

No normative references are cited. This clause is included to enable numeric consistency and comparison with similar International Standards.

## 3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

### 3.1 audit

systematic, independent and documented process for obtaining audit evidence and evaluating it objectively to determine the extent to which the management system audit criteria set by the facility are fulfilled

### 3.2 auditor

person with the demonstrated personal attributes and competence to conduct an audit

[ISO 9000:2005, 3.9.9]

### 3.3 continual improvement

process of enhancing the management system, to achieve improvements in overall safety and environmental performance, in line with the organization's **ship recycling management policy** (3.19)

NOTE The process need not take place in all areas of activity simultaneously.

### 3.4 hazard

source or situation with a potential for harm in terms of human injury or ill health (both short and long term), damage to property, damage to the environment, or a combination of these

### 3.5 hazardous material

item, element or substance with a potential for harm in terms of human injury or ill health (both short and long term), damage to property, damage to the environment, or a combination of these

### 3.6 import

procedure(s) and action(s) followed to enable a ship to arrive at the ship recycling facility or handover from another location; including gaining any necessary agreements, notifications, and licenses from relevant authorities, the physical process of safely navigating the vessel and the contractual and certificateable roles and responsibilities

### 3.7 interested party

person or group concerned with or affected by the safety and environmental performance of the facility, including workers and subcontractors at the facility or at other works used by the facility, and the public at large

### 3.8 nonconformity

non-fulfilment of a requirement

[ISO 9000:2005, 3.6.2]