

# **Ships and marine technology - Identification colours for the content of piping systems - Part 1: Main colours and media**

Ships and marine technology - Identification colours  
for the content of piping systems - Part 1: Main  
colours and media

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 14726-1:2002 sisaldab Euroopa standardi EN ISO 14726-1:2001 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 14.02.2002 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN ISO 14726-1:2002 consists of the English text of the European standard EN ISO 14726-1:2001.</p> <p>This document is endorsed on 14.02.2002 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p><b>Käsitlusala:</b></p> <p>This standard specifies main colours for identifying the content of pipes, in process piping systems and auxiliary systems in accordance with the conveyed media on board ships and marine structures.</p>	<p><b>Scope:</b></p> <p>This standard specifies main colours for identifying the content of pipes, in process piping systems and auxiliary systems in accordance with the conveyed media on board ships and marine structures.</p>
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**ICS** 01.070, 47.020.30

**Võtmesõnad:** colour marking, piping, shipbuilding

ICS 01.070; 47.020.30

English version

**Ships and marine technology - Identification colours for the  
content of piping systems - Part 1: Main colours and media (ISO  
14726-1:1999)**

Construction navale et technologie maritime - Couleurs  
pour l'identification du contenu des systèmes de tuyauterie  
- Partie 1: Couleurs et milieux principaux (ISO 14726-  
1:1999)

This European Standard was approved by CEN on 15 June 2001.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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## Foreword

The text of the International Standard from Technical Committee ISO/TC 8 "Ships and marine technology" of the International Organization for Standardization (ISO) has been taken over as an European Standard by Technical Committee CEN/TC 300 "Sea-going vessels and marine technology", the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by February 2002, and conflicting national standards shall be withdrawn at the latest by February 2002.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

**NOTE FROM CMC:** The foreword is susceptible to be amended on reception of the German language version. The confirmed or amended foreword, and when appropriate, the normative annex ZA for the references to international publications with their relevant European publications will be circulated with the German version.

## Endorsement notice

The text of the International Standard ISO 14726-1:1999 has been approved by CEN as a European Standard without any modification.

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**Ships and marine technology —  
Identification colours for the content of  
piping systems —**

**Part 1:  
Main colours and media**

*Construction navale et technologie maritime — Couleurs pour l'identification  
du contenu des systèmes de tuyauterie —*

*Partie 1: Couleurs et milieux principaux*



## 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 3.

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.

International Standard ISO 14726-1 was prepared by Technical Committee ISO/TC 8, *Ships and marine technology*, Subcommittee SC 3, *Piping and machinery*.

It cancels and replaces ISO Recommendation R 508:1966, of which it constitutes a technical revision.

ISO 14726 consists of the following parts, under the general title *Ships and marine technology — Identification colours for the content of piping systems*

- *Part 1: Main colours and media*
- *Part 2: Additional colours for media and/or functions*

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## Introduction

This part of ISO 14726 was developed so that an agreement as to the main identification colours may be reached. In ISO 14726-2, additional colours will be introduced in order to specify the media in the piping more accurately. ISO 14726-2 is being prepared and should be combined with this part of ISO 14726 after completion.

This part of ISO 14726 may also be used for land installations.





# **Ships and marine technology — Identification colours for the content of piping systems — Part 1: Main colours and media**

## **Part 1: Main colours and media**

### **1 Scope**

This part of ISO 14726 specifies the main colours for identifying the content of piping systems in accordance with the conveyed media on board ships and marine structures.

This part of ISO 14726 does not apply to piping systems for medical gases, industrial gases and cargo.

These colours may also be used for piping systems on drawings and diagrams.

**NOTE** Additional colours will be given in ISO 14726-2: *Ships and marine technology — Identification colours for the content of piping systems — Part 2: Additional colours for media and/or functions*.

### **2 Normative references**

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of ISO 14726. For dated references, subsequent amendments to, or revisions of, such publications do not apply. However, parties to agreements based on this part of ISO 14726 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

IEC 60 757:1983, *Code for designation of colours*.

CIE Publication 15.2:1986, *Colorimetry*. (second edition)

### **3 Term and definition**

For the purposes of this part of ISO 14726, the following term and definition applies.

#### **3.1**

##### **main colour**

colour used to indicate a group of similar media

**NOTE** More detailed marking is effected by applying a deviating additional colour. The deviating additional colours will be given in ISO 14726-2 which is under preparation.