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# INTERNATIONAL STANDARD



# 3935

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION · МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ · ORGANISATION INTERNATIONALE DE NORMALISATION

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## Shipbuilding — Inland navigation — Fire-fighting water system — Pressures

*Construction navale — Navigation intérieure — Système d'extinction d'incendie par l'eau — Pressions*

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**Descriptors** : shipbuilding, inland navigation, fire-fighting, water pipelines, pressure.

## FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been set up 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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 3935 was drawn up by Technical Committee ISO/TC 8, *Shipbuilding*, and was circulated to the member bodies in August 1975.

It has been approved by the member bodies of the following countries:

Austria	Germany	Poland
Belgium	Ireland	Romania
Bulgaria	Italy	Turkey
Czechoslovakia	Japan	U.S.S.R.
France	Korea, Dem. P. Rep. of	Yugoslavia

The member bodies of the following countries expressed disapproval of the document on technical grounds:

Netherlands  
United Kingdom

# Shipbuilding – Inland navigation – Fire-fighting water system – Pressures

## 1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies pressures in the water system for fire-fighting in vessels for inland navigation.

These pressures are intended for the standardization and selection of equipment, machinery and pipeline components for water systems for firefighting, viz. pumps, fittings, etc.

## 2 DEFINITION

**working pressure** : The pressure at which the system is operated.

## 3 PRESSURES

The pressures in the system shall be as specified in the table.

TABLE – Pressure

Position in the water system at which pressure is measured	Working pressures	
	kPa	kgf/cm <sup>2</sup>
in the main, max.	1 000	10
at the hydrant, min.	250	2,5