

DIN 2403



ICS 01.070; 23.040.01

Supersedes  
DIN 2403:2014-06

**Identification of pipelines according to the fluid conveyed,  
English translation of DIN 2403:2018-10**

Kennzeichnung von Rohrleitungen nach dem Durchflusstoff,  
Englische Übersetzung von DIN 2403:2018-10

Caractérisation de canalisations selon le fluide convoyé,  
Traduction anglaise de DIN 2403:2018-10

Document comprises 14 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.

*A comma is used as the decimal marker.*

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## Foreword

This standard has been prepared by Joint Committee NASG/DKE NA 095-01-06 GA "Safety identification" of the *DIN-Normenausschuss Sicherheitstechnische Grundsätze* (DIN Standards Committee Safety Design Principles).

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

## Amendments

This standard differs from DIN 2403:2014-06 as follows:

- a) identification of ventilation systems in non-residential buildings as in DIN EN 16798-3 are no longer within the scope of this standard;
- b) content of hazard symbols and hazard statements (text, examples, table) has been deleted;
- c) requirements regarding the minimum width of the identification, the width of any borders and the minimum lettering height have been modified (5.5);
- d) identification of pipelines conveying gaseous fire extinguishing medium has been brought in line with Table 1 (previously Figure 12, now Figure 9);
- e) identification of pipelines conveying other fire extinguishing media (Figure 11) has been brought in line with Table 1;
- f) the standard has been editorially revised.

## Previous editions

DIN 2403: 1926-10, 1927-04, 1932-05, 1953x-12, 1965-03, 1984-03, 2007-05, 2014-06

## 1 Scope

This standard applies to the identification of pipelines in above-ground installations according to the fluid conveyed.

The identification of piping systems on ships and marine installations as specified in DIN ISO 14726, the identification of ventilation systems in non-residential buildings as in DIN EN 16798-3, as well as pipeline identification specifications for other applications are not dealt with in this standard.

A clear identification of pipelines according to the fluid conveyed is essential for ensuring safety, correct maintenance operations, and effective firefighting, and is intended to bring attention to hazards in order to avoid accidents and damage to health.

## 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

DIN 1304-1, *Letter symbols for physical quantities — Symbols for general use*

DIN 1451-1, *Lettering — Sans-serif linear-antiqua — Part 1: General*

DIN 1451-2, *Lettering — Sans-serif linear-antiqua — Part 2: Traffic black*

DIN 4844-1, *Graphical symbols — Safety colours and safety signs — Part 1: Observation distances and colorimetric and photometric requirements*

DIN 5381, *Identification colours*

DIN EN 806-1, *Specifications for installations inside buildings conveying water for human consumption — Part 1: General*

ISO 7000, *Graphical symbols for use on equipment — Registered symbols*

TRGS 201, (Technical Rule for Hazardous Substances), Classification and identification when working with hazardous substances

## 3 Terms and definitions

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

### 3.1 hazard pictogram

a graphical composition that includes a symbol plus other graphic elements, such as a border, background pattern or colour, that is intended to convey specific information on the hazard concerned

[SOURCE: CLP Regulation:2008, Article 2, Clause 3]