

SLOVENSKI STANDARD SIST EN ISO 6412-1:2018

01-april-2018

Nadomešča:

SIST EN ISO 6412-1:1998

Tehnična dokumentacija izdelkov - Poenostavljeno prikazovanje cevovodov - 1. del: Splošna pravila in ortogonalno prikazovanje (ISO 6412-1:2017)

Technical product documentation - Simplified representation of pipelines - Part 1: General rules and orthogonal representation (ISO 6412-1:2017)

iTeh STANDARD PREVIEW

(standards.iteh.ai)

Documentation technique de produits - Représentation simplifiée des tuyaux et lignes de tuyauteries - Partie 1: Règles générales et représentation orthogonale (ISO 6412-1:2017)

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Ta slovenski standard je istoveten z: EN ISO 6412-1:2018

ICS:

01.100.20	Konstrukcijske risbe	Mechanical engineering drawings
01.110	Tehnična dokumentacija za izdelke	Technical product documentation
23.040.01	Deli cevovodov in cevovodi na splošno	Pipeline components and pipelines in general

SIST EN ISO 6412-1:2018 en,fr

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EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

EN ISO 6412-1

February 2018

ICS 01.100.99; 23.040.01

Supersedes EN ISO 6412-1:1994

English Version

Technical product documentation - Simplified representation of pipelines - Part 1: General rules and orthogonal representation (ISO 6412-1:2017)

Documentation technique de produits - Représentation simplifiée des tuyaux et lignes de tuyauteries - Partie 1: Règles générales et représentation orthogonale (ISO 6412-1:2017)

This European Standard was approved by CEN on 22 October 2017.

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 CEN-CENELEC 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 CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

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EN ISO 6412-1:2018 (E)

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EN ISO 6412-1:2018 (E)

European foreword

This document (EN ISO 6412-1:2018) has been prepared by Technical Committee ISO/TC 10 "Process plant documentation".

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 August 2018, and conflicting national standards shall be withdrawn at the latest by August 2018.

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

This document supersedes EN ISO 6412-1:1994.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

iTeh STA Endorsement notice VIEW

The text of ISO 6412-1:2017 has been approved by CEN as EN ISO 6412-1:2018 without any modification.

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INTERNATIONAL STANDARD

ISO 6412-1

Second edition 2017-12

Technical product documentation — Simplified representation of pipelines —

Part 1:

General rules and orthogonal representation iTeh STANDARD PREVIEW

(S Documentation technique de produits — Représentation simplifiée des tuyaux et lignes de tuyauteries —

Partie 1: Règles générales et représentation orthogonale

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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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html. (standards.iteh.ai)

This document was prepared by Technical Committee ISO/TC 10, *Technical drawings*, Subcommittee SC 10, *Process plant documentation*. SIST EN ISO 6412-1:2018 https://standards.iteh.ai/catalog/standards/sist/5de5dc37-d27c-45f2-91b6-

This second edition cancels and replaces the first edition (4SO 6412-1:1989), which has been technically revised.

The main changes compared to the previous edition are as follows:

- the normative references were updated:
- the document went under editorial revision.

A list of all parts in the ISO 6412 series can be found on the ISO website.

Introduction

Depending on the information it is intended to convey and the form of representation required, a distinction is made between graphical representation by means of orthogonal and that by means of isometric representation.

This document deals with general rules used for both representations (orthogonal and isometric). Rules applicable only to isometric representation are given in ISO 6412-2.

For the purposes of this document, all dimensions and tolerances on the drawings have been stencilled in upright lettering. It should be understood that these indications could just as well be written in free-hand or inclined (italic) lettering without altering the meaning of the indications.

For the presentation of lettering (proportions and dimensions), see 4.4.

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