

# SVENSK STANDARD

## SS-EN 13480-1:2017/A1:2019



Fastställt/Approved: 2019-05-02  
Utgåva/Edition: 1  
Språk/Language: engelska/English  
ICS: 23.040.01;23.040.09

---

### **Industriella rörledningar av metalliska material – Del 1: Allmänt**

### **Metallic industrial piping – Part 1: General**

This preview is downloaded from [www.sis.se](http://www.sis.se). Buy the entire standard via <https://www.sis.se/std-80011579>

# Standarder får världen att fungera

*SIS (Swedish Standards Institute) är en fristående ideell förening med medlemmar från både privat och offentlig sektor. Vi är en del av det europeiska och globala nätverk som utarbetar internationella standarder. Standarder är dokumenterad kunskap utvecklad av framstående aktörer inom industri, näringsliv och samhälle och befrämjar handel över gränser, bidrar till att processer och produkter blir säkrare samt effektiviserar din verksamhet.*

## Delta och påverka

Som medlem i SIS har du möjlighet att påverka framtida standarder inom ditt område på nationell, europeisk och global nivå. Du får samtidigt tillgång till tidig information om utvecklingen inom din bransch.

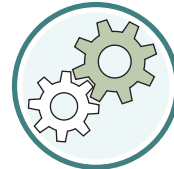
## Ta del av det färdiga arbetet

Vi erbjuder våra kunder allt som rör standarder och deras tillämpning. Hos oss kan du köpa alla publikationer du behöver – allt från enskilda standarder, tekniska rapporter och standardpaket till handböcker och onlinetjänster. Genom vår webbtjänst e-nav får du tillgång till ett lättnavigerat bibliotek där alla standarder som är aktuella för ditt företag finns tillgängliga. Standarder och handböcker är källor till kunskap. Vi säljer dem.

## Utveckla din kompetens och lyckas bättre i ditt arbete

Hos SIS kan du gå öppna eller företagsinterna utbildningar kring innehåll och tillämpning av standarder. Genom vår närhet till den internationella utvecklingen och ISO får du rätt kunskap i rätt tid, direkt från källan. Med vår kunskap om standarders möjligheter hjälper vi våra kunder att skapa verklig nytta och lönsamhet i sina verksamheter.

**Vill du veta mer om SIS eller hur standarder kan effektivisera din verksamhet är du välkommen in på [www.sis.se](http://www.sis.se) eller ta kontakt med oss på tel 08-555 523 00.**



# Standards make the world go round

*SIS (Swedish Standards Institute) is an independent non-profit organisation with members from both the private and public sectors. We are part of the European and global network that draws up international standards. Standards consist of documented knowledge developed by prominent actors within the industry, business world and society. They promote cross-border trade, they help to make processes and products safer and they streamline your organisation.*

## Take part and have influence

As a member of SIS you will have the possibility to participate in standardization activities on national, European and global level. The membership in SIS will give you the opportunity to influence future standards and gain access to early stage information about developments within your field.

## Get to know the finished work

We offer our customers everything in connection with standards and their application. You can purchase all the publications you need from us - everything from individual standards, technical reports and standard packages through to manuals and online services. Our web service e-nav gives you access to an easy-to-navigate library where all standards that are relevant to your company are available. Standards and manuals are sources of knowledge. We sell them.

## Increase understanding and improve perception

With SIS you can undergo either shared or in-house training in the content and application of standards. Thanks to our proximity to international development and ISO you receive the right knowledge at the right time, direct from the source. With our knowledge about the potential of standards, we assist our customers in creating tangible benefit and profitability in their organisations.

**If you want to know more about SIS, or how standards can streamline your organisation, please visit [www.sis.se](http://www.sis.se) or contact us on phone +46 (0)8-555 523 00**



Europastandarden EN 13480-1:2017/A1:2019 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av EN 13480-1:2017/A1:2019.

The European Standard EN 13480-1:2017/A1:2019 has the status of a Swedish Standard. This document contains the official version of EN 13480-1:2017/A1:2019.

© Copyright/Upphovsrätten till denna produkt tillhör SIS, Swedish Standards Institute, Stockholm, Sverige. Användningen av denna produkt regleras av slutanvändarlicensen som återfinns i denna produkt, se standardens sista sidor.

© Copyright SIS, Swedish Standards Institute, Stockholm, Sweden. All rights reserved. The use of this product is governed by the end-user licence for this product. You will find the licence in the end of this document.

*Upplysningar om sakinnehållet i standarden lämnas av SIS, Swedish Standards Institute, telefon 08-555 520 00. Standarder kan beställas hos SIS som även lämnar allmänna upplysningar om svensk och utländsk standard.*

*Information about the content of the standard is available from the Swedish Standards Institute (SIS), telephone +46 8 555 520 00. Standards may be ordered from SIS, who can also provide general information about Swedish and foreign standards.*

Denna standard är framtagen av kommittén för Konstruktion, tillverkning och kontroll av tryckbärande anordningar, SIS/TK 298.

Har du synpunkter på innehållet i den här standarden, vill du delta i ett kommande revideringsarbete eller vara med och ta fram andra standarder inom området? Gå in på [www.sis.se](https://www.sis.se) - där hittar du mer information.



EUROPEAN STANDARD

**EN 13480-1:2017/A1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2019

ICS 23.040.01

English Version

## Metallic industrial piping - Part 1: General

Tuyauteries industrielles métalliques - Partie 1 :  
Généralités

Metallische industrielle Rohrleitungen - Teil 1:  
Allgemeines

This amendment A1 modifies the European Standard EN 13480-1:2017; it was approved by CEN on 17 December 2018.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant 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 amendment 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

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

**SS-EN 13480-1:2017/A1:2019 (E)**

<b>Contents</b>		Page
<b>European foreword.....</b>		<b>3</b>
<b>1</b>	<b>Modifications to Clause 2, "Normative references" .....</b>	<b>4</b>
<b>2</b>	<b>Modification to 3.1, "Terms and definitions" .....</b>	<b>4</b>
<b>3</b>	<b>Addition of a new Clause 7, "Accessories" .....</b>	<b>4</b>

## **European foreword**

This document (EN 13480-1:2017/A1:2019) has been prepared by Technical Committee CEN/TC 267 “Industrial piping and pipelines”, the secretariat of which is held by AFNOR.

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 October 2019 and conflicting national standards shall be withdrawn at the latest by October 2019.

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 has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of EN 13480-1:2017.

This document includes the text of the amendment itself. The amended/corrected pages of EN 13480-1:2017 will be published as Issue 2 of the European Standard.

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.

## **SS-EN 13480-1:2017/A1:2019 (E)**

### **1 Modifications to Clause 2, "Normative references"**

*Replace the references:*

*"EN 764-2:2002, Pressure equipment — Part 2: Quantities, symbols and units*

*EN 764-3:2002, Pressure equipment — Part 3: Definitions and parties involved"*

*with:*

*"EN 764-1:2015+A1:2016, Pressure equipment — Part 1: Vocabulary*

*EN 764-2:2012, Pressure equipment — Part 2: Quantities, symbols and units*

*EN 764-7:2002, Pressure equipment — Part 7: Safety systems for unfired pressure equipment".*

*At the end of Clause 2, add the following references:*

*"EN 16668:2016+A1:2018, Industrial valves — Requirements and testing for metallic valves as pressure accessories*

*EN ISO 4126 (all parts), Safety devices for protection against excessive pressure (ISO 4126, all parts)".*

### **2 Modification to 3.1, "Terms and definitions"**

*In the introductory text, in the 1<sup>st</sup> paragraph, replace "EN 764-3:2002" with "EN 764-1:2015+A1:2016".*

### **3 Addition of a new Clause 7, "Accessories"**

*Add the following new Clause 7:*

*"*

#### **7 Accessories**

##### **7.1 Industrial valves**

Industrial valves being part of piping systems of category I, II and III shall be designed, manufactured, examined and subject to testing in accordance with EN 16668:2016+A1:2018.

Industrial valves being part of piping systems according to 5.2 or 5.3 shall be designed, manufactured, examined and subject to testing in accordance with EN 16668:2016+A1:2018 or with technical rules applicable in one of the EU or EFTA member states.

##### **7.2 Safety systems**

Safety systems shall be in accordance with EN 764-7:2002 and safety devices shall be in accordance with the EN ISO 4126 series.

*"*