EESTI STANDARD EVS-EN ISO 4126-7:2004

Safety devices for protection against excessive pressure - Part 7: Common data

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EESTI STANDARDIKESKUS

EESTI STANDARDI EESSÕNA **NATIONAL FOREWORD**

Käesolev Eesti standard EVS-EN ISO 4126-7:2004 sisaldab Euroopa standardi EN ISO 4126-7:2004 ingliskeelset teksti. Käesolev dokument on jõustatud 18.05.2004 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN ISO 4126-7:2004 consists of the English text of the European standard EN ISO 4126-7:2004. This document is endorsed on 18.05.2004 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.

Käsitlusala: This European Standard contains data which is common to more than one of the parts of this standard to avoid unnecessary repetition. This part is referenced in the other parts of this standard where appropriate.	**Scope:** This European Standard contains data which is common to more than one of the parts of this standard to avoid unnecessary repetition. This part is referenced in the other parts of this standard where appropriate.

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Võtmesõnad:

EUROPEAN STANDARD
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Safety devices for protection against excessive pressure

Part 7: Common data
(ISO 4126-7 : 2004)

Dispositifs de sécurité pour protection contre les pressions excessives – Partie 7: Données communes (ISO 4126-7 : 2004)

Sicherheitseinrichtungen gegen unzulässigen Überdruck – Teil 7: Allgemeine Daten (ISO 4126-7 : 2004)

This European Standard was approved by CEN on 2003-05-16.

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.

The European Standards exist 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, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland, and the United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Management Centre: rue de Stassart 36, B-1050 Brussels

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Contents

Foreword

This document (EN ISO 4126-7:2004) has been prepared by Technical Committee CEN/TC 69 “Industrial valves”, the secretariat of which is held by AFNOR, in collaboration with Technical Committee ISO/TC 185 “Safety devices for protection against excessive pressure”.

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 2004 , and conflicting national standards shall be withdrawn at the latest by August 2004 .

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, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

This document includes a bibliography.

Annexes A and B are informative.

This European Standard for safety devices for protection against excessive pressure consists of seven parts of which this is part 7. The various parts are:

— *Part 1 : Safety valves*

— *Part 2 : Bursting disc safety devices*

— *Part 3 : Safety valves and bursting disc safety devices in combination*

— *Part 4 : Pilot operated safety valves*

— *Part 5 : Controlled Safety Pressure Relief Systems (CSPRS)*

— *Part 6 : Application, selection and installation of bursting disc safety devices*

— *Part 7 : Common data*

This Part 7 contains data, which is common to more than one of the parts of this standard to avoid unnecessary repetition. This part is referenced in the other parts of this standard where appropriate.

1 Scope

This Part of this standard contains data, which is common to more than one of the parts of this standard to avoid unnecessary repetition. This part is referenced in the other parts of this standard where appropriate.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

prEN 12516-1, *Industrial valves – Shell design strength – Part 1: Tabulation method for steel valve shells*.

ASTM A105/105M, *Specification for carbon steel forgings for piping applications.*

ASTM A106, *Specification for seamless carbon steel pipe for high-temperature service*.

ASTM A182/A182M, *Specification for forged or rolled alloy-steel pipe flanges, forged fittings and valves and parts for high temperature service.*

ASTM A203/A203M, *Specification for pressure vessel plates, Alloy steel, Nickel.*

ASTM A204/A204M, *Specification for pressure vessel plates, Alloy steel, Molybdenum*.

ASTM A216/A216M, *Specification for steel castings, Carbon suitable for fusion welding for high temperature service*.

ASTM A217/A217M, *Specification for steel castings, Martensitic stainless and alloy, For pressure containing parts suitable for high temperature service.*

ASTM A240/A240M, *Specification for chromium and chromium-nickel stainless steel plate, sheet and strip for pressure vessels and for general applications.*

ASTM A302/A302M, *Specification for pressure vessel plates, Alloy steel, Manganese-molybdenum and manganese-molybdenum—nickel.*

ASTM A312/A312M, *Specification for seamless and welded austenitic stainless steel pipes*.

ASTM A335/A335M, *Specification for seamless ferritic alloy-steel pipe for high temperature service*.

ASTM A350/A350M, *Specification for carbon and low alloy steel forgings, requiring notch toughness testing for piping components.*

ASTM A351/A351M, *Specification for castings, Austenitic, Austenitic-ferritic (duplex) for pressure containing parts.*

ASTM A352/A352M, *Specification for steel castings, Ferritic and martensitic, for pressure containing parts, Suitable for low-temperature service*.

ASTM A358/A358M, *Specification for electric-fusion-welded austenitic chromium-nickel alloy steel pipe for high temperature service.*

ASTM A369/A369M, *Specification for carbon and ferritic alloy steel forged and bored pipe for high-temperature service*.

ASTM A376/A376M, *Specification for seamless austenitic steel pipe for high-temperature central station service*.

ASTM A387/A387M, *Specification for pressure vessel plates, Alloy steel, Chromium-molybdeneum.*

ASTM A479/A479M, *Specification for stainless and steel bars and shapes for use in boilers and other pressure vessels.*

ASTM A515/A515M, *Specification for pressure vessel plates, Carbon steel, for intermediate and higher-temperature service.*

ASTM A516/A516M, *Specification for pressure vessel plates, Carbon steel, for moderate and lower-temperature service.*

ASTM A537/A537M, *Specification for pressure vessel plates, Heat-treated, Carbon-manganese-silicon steel.*

ASTM A672/A672M, *Specification for electric-fusion-welded steel pipe for high-pressure service at moderate temperatures.*

ASTM A675/A675M, *Specification for steel bars, Carbon, Hot-wrought, Special quality, Mechanical properties.*

ASTM A691/A691M, *Specification for carbon and alloy steel pipe, Electric fusion- welded for high pressure service at high temperature.*

ASTM A696/A696M, *Specification for steel bars, Carbon, Hot-wrought or cold-finished, Special quality, For pressure piping components.*

ASTM A739/A739M, *Specification for steel bars, Alloy, Hot-wrought, For elevated temperature or pressure-containing parts, Or both.*

ASTM A789/A789M, *Specification for seamless and welded ferritic/austenitic stainless steel tubing for general service.*

ASTM A790/A790M, *Specification for seamless and welded ferritic/austenitic stainless steel pipe.*

3 Non-European material groups and material temperature limitations

The temperature limitation of each ASTM material shall be as given in Table 5 and the choice of material groupings is explained in annex B.

For the purpose of determining the pressure temperature ratings for the pressure retaining components reference shall be made to prEN 12516-1.