

Pressure equipment - Part 1: Vocabulary

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

See Eesti standard EVS-EN 764-1:2015 sisaldab Euroopa standardi EN 764-1:2015 ingliskeelset teksti.	This Estonian standard EVS-EN 764-1:2015 consists of the English text of the European standard EN 764-1:2015.
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English Version

## Pressure equipment - Part 1: Vocabulary

Équipement sous pression - Partie 1: Vocabulaire

Druckgeräte - Teil 1: Vokabular

This European Standard was approved by CEN on 14 February 2015.

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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.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
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EUROPÄISCHES KOMITEE FÜR NORMUNG

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## Foreword

This document (EN 764-1:2015) has been prepared by Technical Committee CEN/TC 54 “Unfired pressure vessels”, the secretariat of which is held by BSI.

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of an identical text or by endorsement, at the latest by October 2015, and conflicting national standards shall be withdrawn at the latest by October 2015.

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

This document supersedes EN 764-1:2004 and EN 764-3:2002.

The 2015 edition of EN 764-1 supersedes both the 2004 edition and EN 764-3:2002. It constitutes a major expansion of the standard, which now comprises definitions for 223 terms as compared to only 18 + 14 in the two superseded standards.

An informative annex on notions of allowable pressures and temperatures has been added.

An annex containing translations of terms to several other languages is in the course of preparation.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

EN 764, *Pressure equipment* comprises the following parts:

- *Part 1: Vocabulary;*
- *Part 2: Quantities, symbols and units;*
- *Part 3: Definition of parties involved;*
- *Part 4: Establishment of technical delivery conditions for metallic materials;*
- *Part 5: Inspection documentation of metallic materials and compliance with the material specification;*
- *Part 6: Structure and content of operating instructions;*
- *Part 7: Safety systems for unfired pressure equipment.*

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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## 1 Scope

This European Standard specifies terms and definitions to be used for pressure equipment and assemblies within the scope of European Directives on pressure equipment.

NOTE It can be applied to other pressure equipment.

## 2 Normative references

Not applicable.

## 3 Terms and definitions

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

If a term or definition only applies to a special area or is different in different areas, the relevant area is shown within brackets <....>.

### 3.1 General terms

#### 3.1.1

##### **ambient temperature**

temperature of the surrounding atmosphere in the immediate vicinity of the pressure component

#### 3.1.2

##### **assembly**

several pieces of pressure equipment assembled by a manufacturer to constitute an integrated and functional whole

#### 3.1.3

##### **cryogenic applications**

applications at low temperature

Note 1 to entry: Normally involving liquefied gases.

#### 3.1.4

##### **design validation**

examination of the design documents to verify that the design conforms to the relevant product standard

#### 3.1.5

##### **fluid**

gas, liquid and vapour in its pure phase as well as mixtures thereof

#### 3.1.6

##### **hazard category**

category of the pressure equipment taking into account the potential hazards

#### 3.1.7

##### **joint coefficient**

reduction coefficient (e.g. for a welded joint) related to the testing group and which is applied to the nominal design stress