

TÖÖSTUSLIKUD VENTIILID. METALLVENTIILIDE  
MÄRGISTAMINE

Industrial valves - Marking of metallic valves

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

See Eesti standard EVS-EN 19:2016 sisaldab Euroopa standardi EN 19:2016 ingliskeelset teksti.	This Estonian standard EVS-EN 19:2016 consists of the English text of the European standard EN 19:2016.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 09.03.2016.	Date of Availability of the European standard is 09.03.2016.
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ICS 23.060.01

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English Version

## Industrial valves - Marking of metallic valves

Robinetterie industrielle - Marquage des appareils de  
robinetterie métalliques

Industriearmaturen - Kennzeichnung von Armaturen  
aus Metall

This European Standard was approved by CEN on 15 January 2016.

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.

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

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# Contents

Page

European foreword.....	3
1 Scope.....	4
2 Normative references.....	4
3 Terms and definitions .....	4
4 Requirements.....	5
4.1 General.....	5
4.2 Mandatory markings.....	5
4.3 Supplementary markings.....	5
4.4 Other markings.....	5
4.5 Omission of markings.....	7
5 Details of markings.....	7
5.1 Nominal size.....	7
5.2 PN/Class designation .....	8
5.3 Material.....	8
5.4 Manufacturer's name or trademark.....	8
5.5 Arrow for direction of flow .....	8
5.6 Ring joint number .....	8
5.7 Maximum allowable temperature, TS .....	8
5.8 Threaded end identification .....	8
5.9 Maximum allowable pressure, PS .....	8
5.10 Product identification .....	8
5.11 Reference to the standard.....	8
5.12 Melt identification.....	8
5.13 Trim.....	9
5.14 Service symbols .....	9
5.15 Internal coating, liner, lining or internal painting.....	9
5.16 Quality and test markings.....	9
5.17 Inspector's identification .....	9
5.18 Year of manufacture.....	9
5.19 Flow coefficient.....	9
5.20 Allowable differential pressure $\Delta p$ .....	9
5.21 Closing direction.....	9
Annex ZA (informative) Relationship between this European Standard and the essential requirements of Directive 2014/68/EU (Pressure Equipment Directive) aimed to be covered.....	10

## European foreword

This document (EN 19:2016) has been prepared by Technical Committee CEN/TC 69 “Industrial valves”, 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 September 2016, and conflicting national standards shall be withdrawn at the latest by September 2016.

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 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 2014/68/EU.

For relationship with EU Directive, see informative Annex ZA, which is an integral part of this document.

This document supersedes EN 19:2002.

The main changes compared to the previous edition are the following:

- a) Normative references have been updated;
- b) references to EN 12516-1 and EN 12516-4 were added to 5.3 “Material” as the standards for the material designations to be used for the marking;
- c) Annex ZA has been updated.

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 the requirements for marking of industrial metallic valves. It defines the method of applying the markings, on the body, on a flange, on an identification plate or any other location.

When specified as a normative reference in a valve product or performance standard, this European Standard has to be considered in conjunction with the specified requirements of that valve product or performance standard.

The marking requirements for plastic valves are not within the scope of this European Standard.

## 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 736-1, *Valves - Terminology - Part 1: Definition of types of valves*

EN 736-2, *Valves - Terminology - Part 2: Definition of components of valves*

EN 736-3, *Valves - Terminology - Part 3: Definition of terms*

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

EN 12516-4, *Industrial valves - Shell design strength - Part 4: Calculation method for valve shells manufactured in metallic materials other than steel*

ISO 228-1, *Pipe threads where pressure-tight joints are not made on the threads — Part 1: Dimensions, tolerances and designation*

ISO 7-1, *Pipe threads where pressure-tight joints are made on the threads — Part 1: Dimensions, tolerances and designation*

ANSI/ASME B1.20.1, *Pipe Threads, General Purpose, Inch*

## 3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 736-1, EN 736-2 and EN 736-3 and the following apply.

### 3.1

#### **integral markings**

integrally cast, forged or stamped markings on the body or bonnet/ cover of the valve

### 3.2

#### **marking plate**

plate securely fixed to the body or bonnet/cover with one or more mandatory markings

Note 1 to entry: See also 4.1.4.

### 3.3

#### **identification plate**

plate securely fixed to the valve with supplementary or other markings

Note 1 to entry: See also 4.1.4.