



**SLOVENSKI STANDARD**  
**SIST-TP CR 1472:2005**  
**01-julij-2005**

---

Gd`cýbc`bUj cX]c`nUcnbU Yj Ub`Y`d`]bg\_] `UdUUrj

General guidance for the marking of gas appliances

Allgemeiner Leitfaden für die Kennzeichnung von Gasgeräten

Indications générales pour le marquage des appareils à gaz

Ta slovenski standard je istoveten z: **CR 1472:1997**

[SIST-TP CR 1472:2005](https://standards.iteh.ai/catalog/standards/sist/667a79e8-ca1f-4513-9250-dbab3b219f84/sist-tp-cr-1472-2005)

<https://standards.iteh.ai/catalog/standards/sist/667a79e8-ca1f-4513-9250-dbab3b219f84/sist-tp-cr-1472-2005>

**ICS:**

27.060.20      Plinski gorilniki      Gas fuel burners

**SIST-TP CR 1472:2005**      **en,fr,de**

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST-TP CR 1472:2005

<https://standards.iteh.ai/catalog/standards/sist/667a79e8-ca1f-4513-9250-dbab3b219f84/sist-tp-cr-1472-2005>

CEN REPORT  
RAPPORT CEN  
CEN BERICHT

CR 1472

August 1997

ICS

Supersedes CR 1472:1994

Descriptors:

English version

## General guidance for the marking of gas appliances

Indications générales pour le marquage des appareils à gaz

Allgemeiner Leitfaden für die Kennzeichnung von Gasgeräten

This CEN Report was approved by CEN on 2 April 1997. It has been drawn up by the ad hoc Group "Marking of gas appliances" of the CEN Programming Committee "Gas" (PC 3).

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

iteh STANDARD PREVIEW  
(standards.iteh.ai)

[SIST-TP CR 1472:2005](https://standards.iteh.ai/catalog/standards/sist/667a79e8-ca1f-4513-9250-dbab3b219f84/sist-tp-cr-1472-2005)

<https://standards.iteh.ai/catalog/standards/sist/667a79e8-ca1f-4513-9250-dbab3b219f84/sist-tp-cr-1472-2005>



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

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

## Contents

	Page
Foreword.....	2
<b>1 Scope .....</b>	<b>3</b>
<b>2 Normative References.....</b>	<b>3</b>
<b>3 Definitions.....</b>	<b>4</b>
3.1 direct country of destination .....	4
3.2 indirect country of destination .....	4
3.3 manufacturer .....	4
<b>4 Marking of the appliance .....</b>	<b>4</b>
<b>5 Marking of the packaging .....</b>	<b>5</b>
<b>6 Utilization of symbols on the appliance and packaging .....</b>	<b>5</b>
6.1 Information on the appliance and packaging, in accordance with clauses 4 and 5, which has to be given in the form of symbols .....	5
6.2 Other optional information .....	7
<b>Annex A (informative) Comments.....</b>	<b>9</b>

## iTeh STANDARD PREVIEW

(standards.iteh.ai)

SIST-TP CR 1472:2005

<https://standards.iteh.ai/catalog/standards/sist/667a79e8-ca1f-4513-9250-dbab3b219f84/sist-tp-cr-1472-2005>

## Foreword

The ad hoc Group «Marking of gas appliances» of the CEN Programming Committee «Gas» (PC 3) prepared this guidance document. On 1997-04-02, the CEN Technical Board approved this document for publication as a CEN Report.



## 1 Scope

This document comprises a list of recommendations for Technical Committees, whose responsibility it is to decide which of these they wish to incorporate in Standards.

These recommendations are based on the principles stated hereafter :

- 1) To supplement the requirements for marking of the appliance and its packaging, given by Essential Requirement 1.2.3 of the EU Directive 90/396/EEC «Gas appliances», with information corresponding to the countries of destination of the appliance.

In view of the differences across Europe with respect to the distribution of gases and the installation of appliances, the identification of the suitability of an appliance is only explicit if the appliance category is mentioned in combination with the country of destination. This information has therefore been considered as essential for the safe use of gas appliances.

- 2) To establish a link between country, category, gas and pressure.

The marking of this information, in effect, constitutes a coherent whole which is intended to give unambiguous information about the use of the appliance concerned.

- 3) To use symbols in place of texts in the national languages, while establishing two levels of symbols, obligatory (see 6.1) or optional (see 6.2), in order to take into account national practices declared by CEN Members.

The ad hoc Group «Marking of gas appliances» has restricted its recommendations to those which apply to all relevant Technical Committees of PC 3.

Other information can appear on the appliance or on the packaging.

All the following texts are only informative in the context of this CR, but they serve as model texts for appliances standards.

## 2 Normative references

This CEN report 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 CEN report only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 437	Test gases - Test pressures - Appliance categories
EN 23166:1993	Codes for the representation of names of countries
EN 60335-1:1994	Safety of household and similar electrical appliances - Part 1 : General requirements

### 3 Definitions

For the purposes of this document, the following definitions apply :

#### 3.1 direct country of destination

A country for which the appliance has been certified and which is specified by the manufacturer as the intended country of destination. At the time of putting the appliance on the market and of installation, the appliance shall be capable of operating, without adjustment or modification, with one of the gases distributed in the country concerned, at the appropriate normal pressure. More than one country can be specified if the appliance, in its current state of adjustment, can be used in each of these countries.

#### 3.2 indirect country of destination

A country for which the appliance has been certified, but for which, in its present state of adjustment, it is not suitable. Subsequent modification or adjustment is essential in order that it can be utilised safely and correctly in that country.

#### 3.3 manufacturer

The person responsible for designing and manufacturing a product covered by the directive, with a view to placing it on the Community market on his own behalf.

NOTE : This definition comes from the guide to the implementation of Community harmonization directives based on the new approach and of global approach the comments of which are in the informative annex A of this document.

### 4 Marking of the appliance SIST-TP CR 1472:2005

[https://standards.teh.ai/catalog/standards/sist/667a79e8-ca1f-4513-9250-](https://standards.teh.ai/catalog/standards/sist/667a79e8-ca1f-4513-9250-dbab3b21984/sist-tp-cr-1472-2005)

Each appliance shall carry at least the following information, in a visible (possibly after the removal of part of the case or of a cover) and readable way for the installer as well as in an indelible way either directly or on one or more data plates and/or labels firmly and durably attached to the appliance :

- the CE marking ;
- the manufacturer's name and/or identification symbol ;
- the trade name of the appliance ;
- the type of electrical supply used, if applicable ;
- the type of gas, in relation to the pressure and/or the pressure couple, for which the appliance has been adjusted ; any pressure indication shall be identified in relation to the corresponding category index ;
- the direct country or countries of destination of the appliance ;
- the appliance category or categories : if more than one appliance category is specified, each of these categories shall be identified in relation to the appropriate country or countries of destination ;
- the last two digits of the year in which the CE marking was affixed.

No other information shall be included on the appliance if this could lead to confusion with regard to the current state of adjustment of the appliance and the corresponding appliance category (or categories) and the direct country (or countries) of destination.

If an adjustment is necessary on the appliance in order to change from one pressure to the other within a pressure couple, only the pressure corresponding to the current adjustment of the appliance shall be indicated.

The indelibility of the marking shall be checked by a test carried out in accordance with 7.14 of EN 60335-1:1994.

The identification symbol may be a logo, or a number allocated by the notified body responsible for the production surveillance.

## 5 Marking of the packaging

The packaging shall carry at least the following information :

- the type of gas, in relation to the pressure and/or the pressure couple, for which the appliance has been adjusted ; any pressure indication shall be identified in relation to the corresponding category index ;
- the direct country or countries of destination of the appliance ;
- warnings related to possible restrictions on use, specifying in particular that the appliance has to be installed in areas where there is sufficient ventilation <sup>1)</sup> ;
- the appliance category or categories ; if more than one appliance category is specified, each of these categories shall be identified in relation to the appropriate country or countries of destination.

Information on the appliance to be seen and read once packaged are considered as meeting those requirements.

No other information shall be included on the packaging if this could lead to confusion with regard to the current state of adjustment of the appliance and the corresponding appliance category (or categories) and the direct country (or countries) of destination.

If an adjustment is necessary on the appliance in order to change from one pressure to the other within a pressure couple, only the pressure corresponding to the current adjustment of the appliance shall be indicated.

## 6 Utilization of symbols on the appliance and packaging

### 6.1 Information on the appliance and packaging, in accordance with clauses 4 and 5, which has to be given in the form of symbols

#### 6.1.1 Electrical supply

The marking concerning electrical values shall be in conformity with EN 60335-1.

---

<sup>1)</sup> A cross-reference to the technical instructions is not sufficient.

### 6.1.2 Type of gas

In order to represent all of the category indices corresponding to the adjustment of an appliance, the symbol of the reference gas shall be used which is common to all of these indices, in accordance with table 1.

**Table 1 : Symbols of the types of gas**

Symbol of the type of gas	Corresponding category index
First family <sup>1)</sup> : G 110 G 120 G 130 G 150	1a 1b 1c 1e
Second family : G 20 G 25	2H, 2E, 2E+, 2Esi <sup>2)</sup> , 2Er <sup>2)</sup> , 2ELL <sup>2)</sup> , 2E(S)B <sup>2)</sup> , 2E(R)B <sup>2)</sup> 2L, 2Esi <sup>3)</sup> , 2Er <sup>3)</sup> , 2ELL <sup>3)</sup> , 2E(S)B <sup>3)</sup> , 2E(R)B <sup>3)</sup>
Third family : G 30 G 31	3B/P, 3+ <sup>4)6)</sup> , 3B 3+ <sup>5)6)</sup> , 3P
<p style="text-align: center;">SIST-TP CR 1472:2005</p> <p>1) If, in its current state of adjustment, the appliance can use gases from different groups, all the reference gases corresponding to these groups shall be indicated.</p> <p>2) When the appliance is adjusted for G 20.</p> <p>3) When the appliance is adjusted for G 25.</p> <p>4) Only applies to appliances which do not need any adjustment between G 30 and G 31, or to appliances which need an adjustment and which are adjusted for G 30.</p> <p>5) Only applies to appliances which need an adjustment between G 30 and G 31 and which are adjusted for G 31.</p> <p>6) For appliances which need an adjustment between G 30 and G 31, the label concerning the adjustment to the other gas and the other pressure of the pressure couple shall be supplied with the technical instructions.</p>	

### 6.1.3 Gas supply pressure

The gas supply pressure may be expressed uniquely by the numerical value using the unit (mbar). Nevertheless, if it is necessary to explain the value, the symbol «p» shall be used.

### 6.1.4 Country of destination

In accordance with EN 23166, the names of countries shall be represented by the following codes :



AT	Austria	GR	Greece
BE	Belgium	IE	Ireland
CH	Switzerland	IS	Iceland
DE	Germany	IT	Italy
DK	Denmark	LU	Luxemburg
ES	Spain	NL	Netherlands
FI	Finland	NO	Norway
FR	France	PT	Portugal
GB	United-Kingdom	SE	Sweden

### 6.1.5 Category

The category can be expressed uniquely by its designation in accordance with EN 437. Nevertheless, if it is necessary to explain it, the term "Category" shall be symbolized by «*Cat.*».

### 6.2 Other optional information

The symbols given below are not obligatory, but are recommended under the title "preferential", and to the exclusion of any other symbol, to avoid the use of many and different markings.

6.2.1 Nominal heat input of a burner  $Q_n$

6.2.2 Nominal heat input of all appliance burners  $\Sigma Q_n$

6.2.3 Additional indication related to the type of gas : as well as the symbol of the type of gas as given in 6.1.2, its declared means of identification (according to table 2) may be added.

<https://standards.iteh.ai/catalog/standards/sist/667a79e8-ca1f-4513-9250-dbab3b219f84/sist-tp-cr-1472-2005>