

SVENSK STANDARD

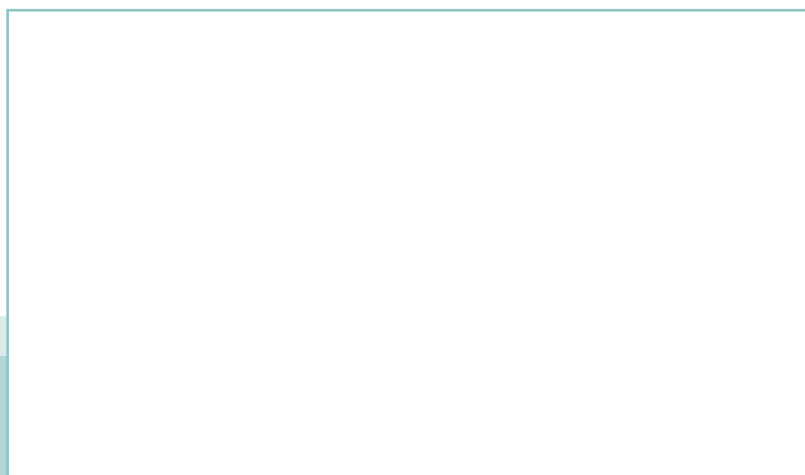
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Utrustning, fasta bränslen och tändare för grillning – Del 1: Grillar för fasta grillbränslen – Krav och provningsmetoder

Appliances, solid fuels and firelighters for barbecuing – Part 1: Barbecues burning solid fuels – Requirements and test methods



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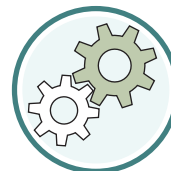
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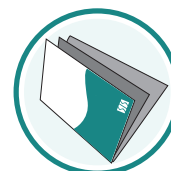
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Europastandarden EN 1860-1:2013+A1:2017 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av EN 1860-1:2013+A1:2017.

Denna standard ersätter SS-EN 1860-1:2013, utgåva 2.

The European Standard EN 1860-1:2013+A1:2017 has the status of a Swedish Standard. This document contains the official version of EN 1860-1:2013+A1:2017.

This standard supersedes the Swedish Standard SS-EN 1860-1:2013, edition 2.

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EUROPEAN STANDARD

EN 1860-1:2013+A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

June 2017

ICS 75.160.10; 97.040.20

Supersedes EN 1860-1:2013

English Version

Appliances, solid fuels and firelighters for barbecuing - Part 1: Barbecues burning solid fuels - Requirements and test methods

Appareils, combustibles solides et allume-feu pour la cuisson au barbecue - Partie 1: Barbecues utilisant les combustibles solides - Exigences et méthodes d'essai

Geräte, feste Brennstoffe und Anzündhilfen zum Grillen - Teil 1: Grillgeräte für feste Brennstoffe - Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 16 September 2012 and includes Amendment 1 approved by CEN on 30 April 2017.

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.

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: Avenue Marnix 17, B-1000 Brussels

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European foreword

This document (EN 1860-1:2013+A1:2017) has been prepared by Technical Committee CEN/TC 281 “Appliances, solid fuels and firelighters for barbecuing”, the secretariat of which is held by AENOR.

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 December 2017, and conflicting national standards shall be withdrawn at the latest by December 2017.

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 includes Amendment 1 approved by CEN on 30 April 2017.

This document supersedes A1 EN 1860-1:2013 A1.

The start and finish of text introduced or altered by amendment is indicated in the text by tags A1 A1.

The main technical modifications are the following:

- a. Clause 3, Terms and definitions: definition of BBQ modified to introduce Close and Open barbecues;
- b. 4.2.3.1: measurement of thickness added;
- c. New 4.2.4, Ash compartment or catcher;
- d. 4.2.7: Table 3 modified;
- e. Clause 5, Test Methods: Test methods modified. A thermal test of use and a safety test were added;
- f. New Annex A.

This European Standard on *appliances, solid fuels and firelighters for barbecuing* consists of the following parts:

Part 1: Barbecues burning solid fuels — Requirements and test methods

Part 2: Barbecue charcoal and barbecue charcoal briquettes — Requirements and test methods

Part 3: Firelighters for igniting solid fuels for use in barbecue appliances — Requirements and test methods

Part 4: Single use barbecues burning solid fuels — Requirements and test methods

According to the CEN/CENELEC Internal Regulations, the national standards organisations 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 1860-1:2013+A1:2017 (E)

Introduction

This standard is part 1 of the European Standard for appliances, solid fuels and firelighters for barbecuing, which is intended to reduce the risks which can occur during and through barbecuing with solid fuels.

This part should be read in conjunction with parts 2 and 3.

1 Scope

This part of this European Standard is applicable to barbecues which burn solid fuels, except single use barbecues. Barbecues which are intended to be converted from other fuels to solid fuels also should conform to this standard.

This European Standard specifies requirements for materials, construction, design, test methods, markings and instructions relating to them.

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 71-1:2014, *Safety of toys - Part 1: Mechanical and physical properties* Ⓐ)

EN 1860-2, *Appliances, solid fuels and firelighters for barbecuing — Part 2: Barbecue charcoal and barbecue charcoal briquettes — Requirements and test methods*

3 Terms and definitions

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

3.1

barbecue

appliance designed for outdoor cooking in the open air which is divided into the following categories

3.1.1

suitcase barbecue or portable barbecue

appliance that can be carried with one hand without parts falling off when dismantled or folded. It can be classified as either:

- a) closed as described in 3.1.2 or;
- b) open as described in 3.1.3

3.1.2

closed barbecue

appliance designed for cooking outdoors by means of radiant and convection heat consisting at least of a fuel compartment, a lid which may have air vents, a cooking grid and/or a rotisserie

3.1.3

open barbecue

appliance designed for cooking outdoors by means of radiant heat consisting at least of a fuel compartment, a cooking grid and/or a rotisserie

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3.1.4

permanent barbecue

outdoor barbecue designed to be permanently installed. It may consist of pre-fabricated elements fitted together and may include a pre-fabricated hood. It may have removable parts, and be classified as either:

- a) closed as described in 3.1.2 or;
- b) open as described in 3.1.3

3.2

fuel compartment

part of the barbecue where the fuel is burnt; it may have, or be a fuel grate and may have air vents. In closed barbecues the fuel compartment is the fuel grate or the fuel grate with fuel rails or baskets or a fuel tray

3.3

fuel grate

perforated part of the barbecue on which the fuel is placed

3.4

ash compartment or catcher

part of the barbecue intended to catch any ash or embers which may fall from the fuel compartment or fuel grate

3.5

barbecue accessories

parts of the barbecue which hold the food to be barbecued during cooking

3.5.1

cooking grid

part of the barbecue on which the food to be cooked is placed and/or which can take on the function of the fuel grate

3.5.2

rotisserie spit

metal rod suitable for skewering the food to be cooked via the truncated cone on one side and which can be rotated by hand and/or via a motor in a suitable support

3.5.3

rotisserie meat forks

clamping devices on the rotisserie spit that can be slid onto and fixed in any position on which the food to be cooked can be secured

3.5.4

gravy tray

device to collect juices and drippings to be consumed

3.6

removable parts

parts which can be removed without the use of a tool

3.7**usable area**

any area of a barbecue component and accessories, as described in 3.5 through 3.5.4, intended to come into contact with the food to be barbecued during cooking is regarded as being usable

3.8**drip pan**

device to collect waste drippings not to be consumed

3.9**stand**

support structure of a barbecue onto which the functional parts of the barbecue are located

3.10**silk paper**

thin, soft, relatively hard to tear paper with a weight between 12 g/m² and 25 g/m² usually used to wrap delicate objects

3.11**windshield**

component of the barbecue used to minimise undesirable effect of the wind during the use of the barbecue

4 Requirements

4.1 General requirements

When testing as described in 5.2, the coatings of the barbecue accessories shall not liberate any solid substance nor ignite. Also any solid substance coming from other parts of the barbecue shall not ignite nor fall into the usable area.

NOTE For surfaces of and coatings on parts of the barbecue coming into contact with the food to be barbecued, cooking grid, rotisserie spit, rotisserie meat forks and gravy trays, see Regulation (EC) No 1935/2004 (see Bibliography). Differing legal requirements may exist in non-EU-countries.

It shall be possible to assemble and dismantle suitcase or portable barbecues as described in the instructions for use either without the aid of a tool or using the tool that is supplied. Components shall be fixed in such a way that they cannot fall off during transportation.

When assembling, operating and manipulating the barbecue, accessible edges and corners shall be free from burr. Rough surfaces, sharp edges and corners, which can cause injury, are not allowed.

In case of doubt to determine whether rough surface, sharp edges or corners can cause an injury a test according to **EN 71-1:2014**, 8.11 is mandatory. However, for the bars of the cooking grids, EN 71-1 test is not applicable, so general requirements as described above shall be applied.

All accessible parts of the barbecue components made of metal sheet or tubes of thickness less than 0,7 mm (– 0,02 mm) coating excluded shall be as shown in Figures 1, 2, 3 and 4.