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NSAI Standards

Irish Standard
I.S. EN 12042:2014

Food processing machinery - Automatic dough dividers - Safety and hygiene requirements

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Correction Notice

Reference: **EN 12042:2014**

Title: Food processing machinery - Automatic dough dividers - Safety and hygiene requirements

Work Item: 00153151

Brussels, 2014-04-30

Please include the following minor editorial correction(s) in the document related to:

the following language version(s) :

- ☒ English
- ☐ French
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- ☐ PQ/UQ
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- ☐ UAP
- ☐ TC Approval
- ☐ 2nd TC Approval
- ☒ Publication
- ☐ Parallel Publication

MH

It has been brought to our attention that this document, issued on 2014-04-02, requires modification.

In Key to Figure 8, exchange key to "splash area" and "non-food area"

Please find enclosed the updated English version.

We apologise for any inconvenience this may cause.

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 12042

April 2014

ICS 67.260

Supersedes EN 12042:2005+A1:2010

English Version

Food processing machinery - Automatic dough dividers - Safety and hygiene requirements

Machines pour les produits alimentaires - Diviseuses automatiques - Prescriptions relatives à la sécurité et à l'hygiène

Nahrungsmittelmaschinen - Teigteilmaschinen - Sicherheits- und Hygieneanforderungen

This European Standard was approved by CEN on 27 December 2013.

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Foreword

This document (EN 12042:2014) has been prepared by Technical Committee CEN/TC 153 “Machinery intended for use with foodstuffs and feed”, the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by October 2014, and conflicting national standards shall be withdrawn at the latest by October 2014.

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 12042:2005+A1:2010.

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 2006/42/EC.

For relationship with EU Directive 2006/42/EC, see informative Annex ZA, which is an integral part of this document.

Significant changes

The significant changes with respect to the previous edition EN 12042:2005+A1:2010 are listed below:

— Normative references updated;

— Clause 4: new presentation in a table;

— 5.2.2, zone 1:

  — the requirements are the same when the loading of the machine is manual or automatic;

  — addition of new requirements for pressure sensitive edge (see 5.2.2.2.2), AOPD (see 5.2.2.2.3), cleaning of the hopper (se 5.2.2.2.6) and feeding assistance device inside the hopper (see 5.2.2.2.7);

  — new stopping time ≤ 0,35 s;

  — new performance level *d*.

— 5.2.3, zone 2: Table 1 (Dimensions of the guard or tunnel) replaced by a reference to EN ISO 13857;

— Instruction handbook updated (environmental information).

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.

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Introduction

This document is a type C standard as stated in EN ISO 12100:2010.

The machinery concerned and the extent to which hazards, hazardous situations and events are covered are indicated in the scope of this document.

When provisions of this type C standard are different from those that are stated in type A or B standards, the provisions of this type C standard take precedence over the provisions of the other standards, for machines that have been designed and built according to the provisions of this type C standard.

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1 Scope

1.1 This European Standard applies to the design and manufacture of standalone automatic dough dividers, having a feed hopper, an outlet and a dividing system (see 3.2).

These automatic dough dividers are used separately or in a line in the food industry and shops (pastry-making, bakeries, confectionery, etc.) for dividing dough or pastry into adjustable portions to produce the required weight of dough piece during a dividing process. These machines can be fed by hand or mechanically.

This European Standard deals with all significant hazards, hazardous situations and events relevant to the transport, installation, adjustment, operation, cleaning, maintenance, dismantling, disassembling and scrapping of automatic dough dividers, when they are used as intended and under conditions of misuse which are reasonably foreseeable by the manufacturer (see Clause 4).

These machines are not intended to be cleaned with pressurized water.

1.2 This European Standard is not applicable to the following:

— experimental and testing machines, under development by the manufacturer;

— weighing devices;

— pressure dough dividers, without a feed hopper, using knives for the dividing process;

— lines with separate cutting or forming elements outside the housing;

— lifting and tilting machines[1)] or other separate feeding machines;

— additional hazards generated when the machine is used in a line or mechanically fed.

1.3 A noise test code is included in Annex A to assist manufacturers to measure noise levels for the purpose of the noise emission declaration.

1.4 This European Standard is not applicable to machines which are manufactured before its publication as EN.

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 619:2002+A1:2010, *Continuous handling equipment and systems - Safety and EMC requirements for equipment for mechanical handling of unit loads*

EN 894-4:2010, *Safety of machinery - Ergonomics requirements for the design of displays and control actuators - Part 4: Location and arrangement of displays and control actuators*

EN 953:1997+A1:2009, *Safety of machinery - Guards - General requirements for the design and construction of fixed and movable guards*

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1) see EN 13288

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