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NSAI Standards

Irish Standard
I.S. EN 13071-2:2019

Stationary waste containers up to 5_000_l, top lifted and bottom emptied - Part 2: Additional requirements for underground or partly underground systems

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National Foreword

I.S. EN 13071-2:2019 is the adopted Irish version of the European Document EN 13071-2:2019, Stationary waste containers up to 5_000_l, top lifted and bottom emptied - Part 2: Additional requirements for underground or partly underground systems

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 13071-2

July 2019

ICS 13.030.40

Supersedes EN 13071-2:2008+A1:2013

English Version

Stationary waste containers up to 5 000 l, top lifted and bottom emptied - Part 2: Additional requirements for underground or partly underground systems

Conteneurs fixes à déchets de capacité inférieure ou égale à 5 000 l, levés par le haut et vidés par le bas - Partie 2 : Exigences complémentaires relatives aux systèmes enterrés ou semi-enterrés

Stationäre Abfallsammelbehälter bis 5 000 l, mit Behälteraufnahme an der Oberseite und Bodenentleerung - Teil 2: Zusätzliche Anforderungen für unterirdische oder teilweise unterirdische Systeme

This European Standard was approved by CEN on 19 May 2019.

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European foreword

This document (EN 13071-2:2019) has been prepared by Technical Committee CEN/TC 183 "Waste management", 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of an identical text or by endorsement, at the latest by January 2020, and conflicting national standards shall be withdrawn at the latest by January 2020.

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

This document supersedes EN 13071-2:2008+A1:2013.

The main changes compared to the previous edition are listed below:

a) addition of an introduction;

b) review of definitions 3.2 and 3.7;

c) replacement of term „housing" with „column" (3.4);

d) addition of further requirements for the design (4.2);

e) updating of safety requirements for holes (4.3.1), pedestrian platforms (4.3.2), safety platforms (4.3.3), and safety barrier (4.3.4);

f) deletion of clause 7 "Recommendations".

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Introduction

According to the European health and safety requirements, work equipment have to be designed and constructed so that it can be operated without putting persons at risk. The manufacturer has to consider the intended conditions of use, but also any reasonably foreseeable misuse.

For that purpose he will carry out a risk analysis in order to determine the hazards which the operators and users are exposed to. The equipment will then be designed and constructed taking into account the results of this assessment, by an iterative process of risk assessment and risk reduction.

As specified in the guidance document “Classification of equipment used for lifting loads with lifting machinery” (Machinery Working Group — January 2012), containers used for collecting and lifting bulk material are not covered by Directive 2006/42/CE.

However, a large number of the hazards which the operators using such equipment and the persons present in the vicinity of lifting/handling operations are exposed to are the same as those resulting from the use of lifting appliances proper.

These are the reasons why CEN/TC 183 decided to include into this standard requirements intended to support the corresponding essential health and safety requirements of Directive 2006/42, in particular those related to lifting operations (part 4 of Annex I).

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1 Scope

This document specifies the additional requirements for underground or partly underground systems top lifted and bottom emptied, used for collection of solid non-hazardous wastes with a capacity up to 5 000 l.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 13071-1:2019, *Stationary waste containers up to 5 000 l, top lifted and bottom emptied — Part 1: General requirements*

EN 10346, *Continuously hot-dip coated steel flat products for cold forming — Technical delivery conditions*

EN ISO 1461, *Hot dip galvanized coatings on fabricated iron and steel articles — Specifications and test methods (ISO 1461)*

EN ISO 2081, *Metallic and other inorganic coatings — Electroplated coatings of zinc with supplementary treatments on iron or steel*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 13071-1:2019 and the following apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at http://www.electropedia.org/
- ISO Online browsing platform: available at http://www.iso.org/obp

3.1
underground or partly underground system
waste container with an emptying device located below surrounding ground level at any point

Note 1 to entry: See Figure 1. Safety devices are not shown in Figure 1.

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