

STN	Zariadenia na ochranu proti preplneniu stabilných nádrží na kvapalné palivá Časť 2: Zariadenia na ochranu proti preplneniu bez uzatváracieho zariadenia	STN EN 13616-2+A1 69 8383
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Overfill prevention devices for static tanks for liquid fuels - Part 2: Overfill prevention devices without a closure device

Táto norma obsahuje anglickú verziu európskej normy.

This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 01/26

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EUROPEAN STANDARD
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EN 13616-2:2016+A1

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English Version

**Overfill prevention devices for static tanks for liquid fuels -
Part 2: Overfill prevention devices without a closure
device**

Dispositifs limiteurs de remplissage pour réservoirs
statiques pour carburants liquides - Partie 2:
Dispositifs limiteurs de remplissage sans dispositif de
fermeture

Überfüllsicherungen für ortsfeste Tanks für flüssige
Brenn- und Kraftstoffe - Teil 2: Überfüllsicherungen
ohne Schließeinrichtung

This European Standard was approved by CEN on 8 April 2016 and includes Amendment 1 approved by CEN on 12 February 2025.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN 13616-2:2016+A1:2025 (E)**Contents**

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European foreword

This document (EN 13616-2:2016+A1:2025) has been prepared by Technical Committee CEN/TC 393 “Equipment for storage tanks and for filling stations”, 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 March 2026, and conflicting national standards shall be withdrawn at the latest by March 2026.

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 includes Amendment 1 approved by CEN on 12 February 2025.

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

This document supersedes **A1** EN 13616-2:2016 **A1**.

A1 *deleted text* **A1**

A1 The significant technical changes between EN 13616:2004 and EN 13616-2:2016 are the following: **A1**

- splitting of EN 13616:2004; the new EN 13616, under the general title *Overfill prevention devices for static tanks for liquid fuels*, will consist of the following parts:
 - *Part 1: Overfill prevention devices with a closure device;*
 - *Part 2: Overfill prevention devices without a closure device.*
- reference to EN 14116;
- technical parameters regarding explosion updated;
- the requirements for the equipment of the overfill prevention devices with a closure device on the static tank are fixed in EN 13616-1;
- the requirements for the equipment of the overfill prevention devices without a closure device on the tank vehicle were shifted to EN 16657, *Tanks for the transport of dangerous goods — Transport tank equipment for overfill prevention devices for static tanks*.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

EN 13616-2:2016+A1:2025 (E)

1 Scope

This European Standard contains requirements, test and assessment methods, marking, labelling and packaging applicable to overfill prevention devices without a closure device.

The overfill prevention device without a closure device is usually composed of

- overfill prevention sensor consists of
 - sensor,
 - electrical interface,
 - mechanical interface,
- overfill prevention controller according to EN 16657.

These overfill prevention devices are intended to be used in/with underground or above ground, non-pressurized, static tanks designed for liquid fuels.

NOTE 1 Liquid fuel means liquids for internal combustion engines, heating/cooling boilers and generators.

NOTE 2 In further text, for liquid fuels the term liquid is used.

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 590, *Automotive fuels — Diesel — Requirements and test methods*

EN 14879-4:2007, *Organic coating systems and linings for protection of industrial apparatus and plants against corrosion caused by aggressive media — Part 4: Linings on metallic components*

EN 60079-0, *Explosive atmospheres — Part 0: Equipment — General requirements (IEC 60079-0)*

EN 60079-11, *Explosive atmospheres — Part 11: Equipment protection by intrinsic safety “i” (IEC 60079-11)*

EN 61000-6-2:2005, *Electromagnetic compatibility (EMC) — Part 6-2: Generic standards — Immunity for industrial environments (IEC 61000-6-2:2005)*

EN 61000-6-3:2007, *Electromagnetic compatibility (EMC) — Part 6-3: Generic standards — Emission standard for residential, commercial and light-industrial environments (IEC 61000-6-3:2006)*

EN ISO 13849-1, *Safety of machinery — Safety-related parts of control systems — Part 1: General principles for design (ISO 13849-1)*

EN 16657:2016, *Tanks for the transport of dangerous goods — Transport tank equipment for overfill prevention devices for static tanks*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN