



**NSAI**  
Standards

Irish Standard  
I.S. EN 13922:2011

# Tanks for transport of dangerous goods - Service equipment for tanks - Overfill prevention systems for liquid fuels

## I.S. EN 13922:2011

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

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English Version

**Tanks for transport of dangerous goods - Service equipment for tanks - Overfill prevention systems for liquid fuels**

Citernes destinées au transport de matières dangereuses -  
Équipement de service pour citernes - Systèmes  
antidébordement au remplissage pour carburants pétroliers  
liquides

Tanks für die Beförderung gefährlicher Güter -  
Bedienungsausrüstung von Tanks -  
Überfüllsicherungssysteme für flüssige Kraft- und  
Brennstoffe

This European Standard was approved by CEN on 18 June 2011.

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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## **Foreword**

This document (EN 13922:2011) has been prepared by Technical Committee CEN/TC 296 “Tanks for transport of dangerous goods”, the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by March 2012, and conflicting national standards shall be withdrawn at the latest by March 2012.

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 13922:2003.

Significant changes have been made to the following sections since the last edition:

- requirement concerning bonding of the tank shell to the vehicle's chassis added in 4.2;
- marking for equipment in hazardous areas updated and a note added in 6.3.7;
- referred standards updated.

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

## **Introduction**

The overfill prevention system prevents the maximum filling level of a compartment of a tank vehicle from being exceeded by interrupting the filling operation on the loading site.

It is not the function of an overfill prevention system to prevent volume or weight overloading. The function of the overfill prevention system is the final means of containing loaded product within a compartment and preventing a dangerous condition. It is therefore of critical importance that all components have a high degree of reliability and that all European gantries provide a compatible system with the tank trucks.

Not all the components of an overfill prevention system are necessarily supplied by one manufacturer but may include cross-compatibility parts supplied by different manufacturers/suppliers.

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