

SVENSK STANDARD

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Järnvägar – Tankvagnar – Del 5: Anordningar för återföring av ångor vid fyllning eller tömning av flytande produkter

Railway applications – Tank wagons – Part 5: Devices for vapour return while filling or emptying of liquid products

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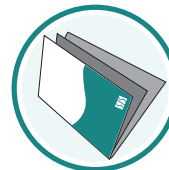
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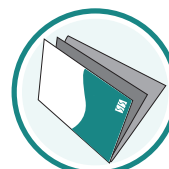
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Denna standard ersätter SS-EN 12561-5, utgåva 1.

The European Standard EN 12561-5:2011 has the status of a Swedish Standard. This document contains the official version of EN 12561-5:2011.

This standard supersedes the Swedish Standard SS-EN 12561-5, edition 1.

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Denna standard är framtagen av kommittén för Järnvägar, SIS/TK 254.

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EUROPEAN STANDARD

EN 12561-5

NORME EUROPÉENNE

EUROPÄISCHE NORM

June 2011

ICS 13.300; 45.060.20

Supersedes EN 12561-5:2002

English Version

Railway applications - Tank wagons - Part 5: Devices for vapour return while filling or emptying of liquid products

Applications ferroviaires - Wagons citernes - Partie 5:
Dispositifs de récupération de vapeur pour remplissage ou
vidange de produits liquides

Bahnanwendungen - Kesselwagen - Teil 5:
Gaspendeleinrichtungen für Be- und Entladung von
flüssigen Stoffen

This European Standard was approved by CEN on 3 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.

CEN members are the national standards bodies of 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 United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This document (EN 12561-5:2011) has been prepared by Technical Committee CEN/TC 256 "Railway applications", 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 December 2011, and conflicting national standards shall be withdrawn at the latest by December 2011.

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 12561-5:2002.

European Standard *Railway applications — Tank wagons* consists of the following parts:

- *Part 1: Identification plates for tank wagons for the carriage of dangerous goods;*
- *Part 2: Bottom emptying devices for liquid products including vapour return;*
- *Part 3: Bottom filling and emptying devices for gases liquefied under pressure;*
- *Part 4: Devices for top filling and emptying of liquid products;*
- *Part 5: Devices for vapour return while filling or emptying of liquid products;*
- *Part 6: Manholes;*
- *Part 7: Platforms and ladders;*
- *Part 8: Heating connections.*

The changes made during this revision are editorial because of the change of the title of part 1 and the necessary updates of references.

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Introduction

The top vapour return devices which are elements of the devices for filling and emptying devices, as defined in this European Standard are composed of:

- a depressurisation vapour connector, defined in this part and mainly used before filling, and
- a vapour return line including auto vent valve, defined in EN 12561-2 and mainly used during emptying.