



NSAI
Standards

Irish Standard
I.S. EN 16922:2017+A1:2019

Railway applications - Ground based services - Vehicle waste water discharge equipment

I.S. EN 16922:2017+A1:2019

Incorporating amendments/corrigenda/National Annexes issued since publication:

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National Foreword

I.S. EN 16922:2017+A1:2019 is the adopted Irish version of the European Document EN 16922:2017+A1:2019, Railway applications - Ground based services - Vehicle waste water discharge equipment

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EUROPEAN STANDARD

EN 16922:2017+A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

June 2019

ICS 45.060.20

English Version

Railway applications - Ground based services - Vehicle waste water discharge equipment

Applications ferroviaires - Services au sol - Equipement
de vidange des eaux usées des véhicules

Bahnanwendungen - Versorgungsdienste -
Fahrzeugabwasserentsorgungseinrichtungen

This European Standard was approved by CEN on 28 August 2017 and includes Amendment 1 approved by CEN on 16 April 2019.

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European foreword

This document (EN 16922:2017+A1:2019) 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of an identical text or by endorsement, at the latest by December 2019, and conflicting national standards shall be withdrawn at the latest by December 2019.

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 16 April 2019.

This document supersedes A1 EN 16922:2017 A1.

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

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 2008/57/EC.

For relationship with EU Directive 2008/57/EC, see informative Annex ZA, which is an integral part of this document.

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EN 16922:2017+A1:2019 (E)

1 Scope

This European Standard specifies the interface requirements for controlled emission toilet equipment on railway vehicles and the infrastructure, including catering area sink waste retention tanks. Vehicle and infrastructure specific requirements are also given.

The European Standard includes fixed and portable infrastructure equipment used to empty retention tanks, but excludes equipment fitted to railway vehicles where no fixed connections are used between vehicle and infrastructure.

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 1717, *Protection against pollution of potable water in water installations and general requirements of devices to prevent pollution by backflow*

EN 12663-1, *Railway applications - Structural requirements of railway vehicle bodies - Part 1: Locomotives and passenger rolling stock (and alternative method for freight wagons)*

EN 15877-2:2013, *Railway applications - Markings of railway vehicles - Part 2: External markings on coaches, motive power units, locomotives and on track machines*

EN 16362:2013, *Railway applications - Ground based services - Water restocking equipment*

EN 45545-2, *Railway applications - Fire protection on railway vehicles - Part 2: Requirements for fire behaviour of materials and components*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

railway infrastructure

all installations required for the running of railway vehicles including operating and support facilities

EXAMPLE Tracks, crossings, catenaries, signals, maintenance depots.

3.2

grey water

waste water from hand wash and galley sinks, usually contaminated with soap, germicides, residues of food, drink and dish water

3.3

servicing point

location where maintenance, refuelling and cleaning is carried out

3.4

controlled emission toilet

toilet system where the toilet waste is retained on the vehicle and emptied at prescribed locations, including on board waste treatment systems which are permitted to discharge some wastes at various locations

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