



NSAI
Standards

Irish Standard
I.S. EN 16922:2017

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

I.S. EN 16922:2017

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National Foreword

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

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EUROPEAN STANDARD

EN 16922

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2017

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

Bahnwendungen - Versorgungsdienste -
Fahrzeugabwasserentsorgungseinrichtungen

This European Standard was approved by CEN on 28 August 2017.

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Contents	Page
European foreword.....	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 General	5
4.1 Description of vacuum	5
4.2 Description of controlled emission toilet systems.....	5
5 Requirements	5
5.1 General requirements	5
5.2 Vehicle requirements	6
5.2.1 Connections.....	6
5.2.2 System design	10
5.2.3 Temperature of operation	10
5.2.4 Pipework.....	11
5.2.5 Retention tank.....	12
5.2.6 Venting system	14
5.2.7 Sink waste	14
5.2.8 Test for leakage.....	14
5.3 Infrastructure requirements	14
5.3.1 General.....	14
5.3.2 System design	14
5.3.3 Connection	15
5.3.4 Flushing	15
5.3.5 Breakaway coupling.....	15
5.3.6 Pipework.....	15
5.3.7 Chemical storage	15
5.4 Information and instruction	15
5.4.1 For railway vehicles	15
5.4.2 For fixed installations (this includes mobile ground based installations)	16
Annex A (informative) Generic types of toilet retention systems	17
Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 2008/57/EC aimed to be covered	22
Bibliography	24

European foreword

This document (EN 16922:2017) 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of an identical text or by endorsement, at the latest by April 2018, and conflicting national standards shall be withdrawn at the latest by April 2018.

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 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 (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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