TECHNICAL SPECIFICATION

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English Version

Railway application - Design for PRM Use - Equipment and Components onboard Rolling Stock - Toilets

Applications ferroviaires - Conception à l'usage des personnes à mobilité réduite - Équipements et éléments à bord du matériel roulant - Toilettes

Bahnanwendungen - Auslegung für eingeschränkt mobile Personen - Einrichtungen und Komponenten in Schienenfahrzeugen - Toiletten

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Foreword

This document (CEN/TS 16635:2014) has been prepared by Technical Committee CEN/TC 256 "Railway applications", the secretariat of which is held by DIN.

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Introduction

This document is a Technical Specification for the assessment of the internal space requirements of a universal (wheelchair accessible) toilet.

This document aims to define the assessment and measuring methodology to allow a clear pass/fail assessment and allow successful implementation of the Technical Specification for Interoperability (TSI) for Persons with Reduced Mobility (PRM) [1]. Clause 5 reflects the requirements in the TSI and Clause 6 adds assessment criteria based on those requirements.

This document will be used until the issuing of EN 16585-1, *Railway applications — Design for PRM use — Equipment and components onboard rolling stock — Part 1: Toilets* [2].

1   Scope

This Technical Specification describes the specific 'Design for PRM use' requirements applying to rolling stock on the Trans-European Network (TEN) covered by the TSI for PRM and the assessment of those requirements. Regarding this document, the following statements apply.

— The definitions and requirements describe specific aspects of 'Design for PRM use' required by persons with reduced mobility as defined in the TSI PRM.

— The definitions and requirements of this specification will be used for rolling stock applications.

— This specification only refers to aspects of accessibility for PRM passengers; it does not define general requirements and general definitions for specific components and systems.

— This specification assumes that the vehicle is in the nominal operating condition; any damage or operating failures will not be taken into account when assessing these requirements.

— Where minimum or maximum dimensions are quoted, these are absolute NOT nominal requirements.

Measurement methods and/or assessment procedures needed to establish a clear pass/fail assessment are provided where necessary.

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 12183: 2014, *Manual wheelchairs - Requirements and test methods*

3   Terms and definitions

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

3.1
universal toilet
toilet designed to be used by **all** passengers including passengers in wheelchairs

4   Symbols and abbreviations

Table 1 — Abbreviations

Abbreviation	Designation
PRM	Persons with Reduced Mobility
TEN	Trans-European Network
TSI	Technical Specification of Interoperability

Table 2 — Symbols

Symbol	Designation
%ile	Percentile
3D	3 Dimension