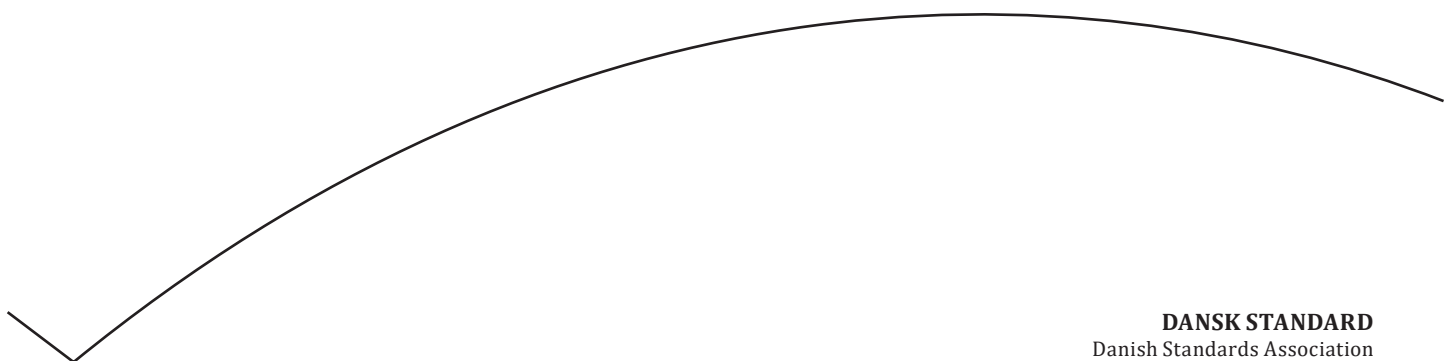


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# Jernbaner – Sidevinduer til rullende materiel

Railway applications – Bodyside windows for rolling stock



**DANSK STANDARD**  
Danish Standards Association

Göteborg Plads 1  
DK-2150 Nordhavn

Tel: +45 39 96 61 01  
dansk.standard@ds.dk  
www.ds.dk

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## **Railway applications — Bodyside windows for rolling stock**

*Applications ferroviaires — Fenêtres latérales pour le matériel  
roulant*



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CH-1214 Vernier, Geneva, Switzerland  
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## Contents

Page

<b>Foreword</b> .....	<b>iv</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>1</b>
<b>4 Technical and test requirements</b> .....	<b>4</b>
4.1 General.....	4
4.2 Safety.....	6
4.2.1 General.....	6
4.2.2 Static strength of window.....	6
4.2.3 Aerodynamic fatigue loading.....	6
4.2.4 External impact performance.....	9
4.2.5 Shock resistance.....	10
4.2.6 Fragmentation for tempered glass.....	11
4.2.7 Internal soft body impact resistance.....	13
4.2.8 Emergency function.....	14
4.2.9 Guidance on the application of adhesive films.....	15
4.3 Quality.....	16
4.3.1 Appearance defects.....	16
4.3.2 Durability (weather-resistance).....	19
4.3.3 Adhesive bonding.....	20
4.4 Function.....	20
4.4.1 Water tightness.....	20
4.4.2 Durability test for movable windows.....	23
4.4.3 Optical distortion.....	23
4.4.4 Dew point.....	24
<b>5 Marking</b> .....	<b>24</b>
<b>Annex A (normative) Values for the aerodynamic fatigue loading test</b> .....	<b>25</b>
<b>Annex B (normative) Test method of external impact performance (small particles from track)</b> .....	<b>27</b>
<b>Annex C (normative) Test method of external impact performance (small missiles)</b> .....	<b>30</b>
<b>Annex D (normative) Passenger containment test</b> .....	<b>32</b>
<b>Annex E (informative) Alternative visual inspection procedure with a luminous board</b> .....	<b>34</b>
<b>Annex F (normative) Procedure for durability of edge seal by climatic test</b> .....	<b>36</b>
<b>Annex G (normative) Slanted projection line test</b> .....	<b>39</b>
<b>Bibliography</b> .....	<b>43</b>

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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 269, *Railway applications*, Subcommittee SC 2, *Rolling stock*.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

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# Railway applications — Bodyside windows for rolling stock

## 1 Scope

This document defines the classification, technical requirements, and markings for the following bodyside windows:

- a) standard windows:
  - 1) standard fixed windows;
  - 2) standard movable windows;
- b) emergency windows:
  - 1) emergency escape windows;
  - 2) emergency access windows.

NOTE — In certain situations, emergency escape windows and emergency access windows are the same window.

This document applies to bodyside windows constructed from glazing materials only.

This document sets out requirements that apply to the glazing with its associated mounting arrangement.

This document applies to all windows mounted to the side of all types of railway vehicles, including heavy and urban rail vehicles. This includes windows mounted on the side of saloons, restaurant/buffet cars, vestibules, toilets, driving cabs, crew compartments and technical rooms.

This document does not apply to on-track machines.

## 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

[ISO 3917:2016](#), *Road vehicles — Safety glazing materials — Test methods for resistance to radiation, high temperature, humidity, fire and simulated weathering*

[ISO 7892:1988](#), *Vertical building elements — Impact resistance tests — Impact bodies and general test procedures*