DIN EN 16186-8:2025-01 (E)

Railway applications - Driver's cab - Part 8: Tram vehicle layout and access (includes Amendment A1:2024)

Contents

Page

European foreword 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 6

4 Symbols and abbreviations 7

5 Access, egress and doors 7
5.1 General 7
5.1.1 External steps and handrails 7
5.1.2 Access and security 8
5.1.3 Door handles 8
5.1.4 Threshold 8
5.1.5 Ergonomics 8
5.1.6 External doors 8
5.1.7 Internal doors giving access to the driver's cab 9

6 Floor and flooring 10
6.1 Floor surface criteria 10
6.2 Steps 11

7 Windows and glazing 11
7.1 Mechanical characteristics of glass 11
7.2 Operation of opening windows 11

8 Emergency 12
8.1 Driver's cab emergency exits 12
8.1.1 General 12
8.1.2 Minimum escape route 12
8.1.3 Emergency exit opening 12
8.2 Emergency egress from seat 12
8.2.1 Seat design for escape 12
8.2.2 Escape from seat assessment criteria 12

9 Layout 13
9.1 General 13
9.2 Prevention of occupational injuries 13
9.2.1 General 13
9.2.2 Exposed edges 13
9.3 Comfort angles 13
9.4 Interior space 16
9.5 Driver's desk 16
9.6 Footrest 16
9.7 Storage space 16
9.7.1 General 16
9.7.2 Storage of personal belongings 16
9.7.3 Emergency equipment 16
9.8 Seats 17

9.8.1 General 17
9.8.2 Driver's seat 17
9.8.3 Additional seats 18
9.9 Surface finish 18
9.10 Privacy shield 19

10 Lighting 19

11 Marking and labelling in driver's cab 19

Annex A (normative) Driver's seat dimensions and driver's seat integration 20

Annex B (Normative) Minimum leg clearance 24

Annex C (normative) Mandatory labels 25

Bibliography 26