

# DIN EN 16186-8:2022-06 (E)

## Railway applications - Driver's cab - Part 8: Tram vehicle layout and access

---

<b>Contents</b>		<b>Page</b>
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 .....	7
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 .....	10
7	Windows and glazing .....	11
7.1	Mechanical characteristics of glass .....	11
7.2	Operation of opening windows .....	11
8	Emergency .....	11
8.1	Driver's cab emergency exits .....	11
8.1.1	General .....	11
8.1.2	Minimum escape route .....	11
8.1.3	Emergency exit opening .....	11
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 .....	12
9.1	General .....	12
9.2	Prevention of occupational injuries .....	13
9.2.1	General .....	13
9.2.2	Exposed edges .....	13
9.3	Comfort angles .....	14
9.4	Interior space .....	16
9.5	Driver's desk .....	16
9.6	Footrest .....	16
9.7	Storage space .....	17
9.7.1	General .....	17
9.7.2	Storage of personal belongings .....	17
9.7.3	Emergency equipment .....	17
9.8	Seats .....	17
9.8.1	General .....	17

<b>9.8.2</b>	<b>Driver's seat</b> .....	<b>17</b>
<b>9.8.3</b>	<b>Additional seats</b> .....	<b>19</b>
<b>9.9</b>	<b>Surface finish</b> .....	<b>19</b>
<b>9.10</b>	<b>Privacy shield</b> .....	<b>19</b>
<b>10</b>	<b>Lighting</b> .....	<b>20</b>
<b>11</b>	<b>Marking and labelling in driver's cab</b> .....	<b>20</b>
<b>Annex A (normative) Driver's seat dimensions and driver's seat integration</b> .....		<b>21</b>
<b>Annex B (normative) Minimum leg clearance</b> .....		<b>25</b>
<b>Annex C (normative) Mandatory labels</b> .....		<b>26</b>
<b>Bibliography</b> .....		<b>27</b>