

# ISO 10865-2:2015-09 (E)

## Wheelchair containment and occupant retention systems for accessible transport vehicles designed for use by both sitting and standing passengers - Part 2: Systems for forward-facing wheelchair-seated passengers

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>1</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>1</b>
<b>4</b>	<b>Design requirements .....</b>	<b>4</b>
4.1	Design requirements for a forward-facing wheelchair passenger space (FF-WPS) .....	4
<b>5</b>	<b>Performance requirements .....</b>	<b>5</b>
5.1	Strength of FF-WPS components .....	5
5.2	Wheelchair containment and occupant retention .....	6
5.3	Coefficient of friction of vehicle floor .....	7
<b>6</b>	<b>Information, identification, and instruction requirements .....</b>	<b>7</b>
6.1	Identification and labelling .....	7
6.1.1	Permanent labelling of components .....	7
6.1.2	Identification .....	7
6.1.3	Information for FF-WPS users and vehicle passengers .....	8
6.2	Instructions for installers .....	8
6.2.1	General .....	8
6.2.2	Installation Instructions .....	8
6.2.3	Diagrams, drawings, and signs for installation .....	8
6.2.4	Warnings .....	9
6.3	Instructions for vehicle operators .....	9
<b>7</b>	<b>Test report and statement requirements .....</b>	<b>9</b>
7.1	Test report .....	9
7.2	Statements .....	10
<b>Annex A (normative) Test for wheelchair containment and occupant retention .....</b>		<b>11</b>
<b>Annex B (normative) Strength tests for FF-WPS structures .....</b>		<b>18</b>
<b>Annex C (normative) Specifications for surrogate wheelchairs .....</b>		<b>21</b>
<b>Annex D (normative) Anthropomorphic test device .....</b>		<b>25</b>
<b>Annex E (informative) Design of a low-g test apparatus .....</b>		<b>27</b>
<b>Bibliography .....</b>		<b>30</b>