

# DIN EN 1466:2008-09 (E)

## Child care articles - Carry cots and stands - Safety requirements and test methods (includes Amendment A1:2007)

---

<b>Contents</b>		<b>Page</b>
Foreword .....		4
<b>1</b>	<b>Scope (see C.3) .....</b>	<b>5</b>
<b>2</b>	<b>Normative references .....</b>	<b>5</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>5</b>
<b>4</b>	<b>Materials .....</b>	<b>5</b>
4.1	General .....	5
4.2	Chemical properties (see C.4) .....	6
4.3	Flammability (see C.5) .....	6
4.4	Plastic internal lining .....	6
4.5	Plastic decals .....	6
<b>5</b>	<b>Requirements .....</b>	<b>6</b>
5.1	Carry cots and stands .....	6
5.1.1	Gaps and openings .....	6
5.1.2	Edges, points and corners (see C.6) .....	7
5.1.3	Small parts .....	8
5.1.4	Cords, straps ribbons and other narrow fabrics .....	8
5.1.5	Moving parts .....	8
5.1.6	Filling materials .....	8
5.2	Carry cots .....	9
5.2.1	Internal height of carry cot and effectiveness of retaining function !(see C.8)" .....	9
5.2.2	!!!!Total height of a carry cot with flexible handles"""" .....	9
5.2.3	Strength of carry cots .....	9
5.2.4	Stability of carry cots on the ground .....	9
5.2.5	Longitudinal stability of carry cots .....	9
5.2.6	Flexible handles of carry cots .....	10
5.3	Stands .....	10
5.3.1	Retention of the carry cot .....	10
5.3.2	Strength of stands .....	10
5.3.3	Stability of stands .....	10
5.3.4	Folding mechanism of stands .....	10
5.3.5	Castors/Wheels of stands .....	10
<b>6</b>	<b>Test methods .....</b>	<b>10</b>
6.1	Conditioning of products with removable fabric .....	10
6.2	Test equipment .....	10
6.2.1	Accuracy of test equipment .....	10
6.2.2	Test plate .....	11
6.2.3	Test cylinder !(see C.9)" .....	11
6.2.4	Test probes .....	11
6.2.5	Cylinder .....	12
6.2.6	Test bar (1) .....	13
6.2.7	Test bar (2) .....	13
6.2.8	Datum board (see Figure 6) .....	13
6.2.9	Metal hooks .....	13
6.3	Tests for entrapment of fingers or limbs .....	15
6.4	Test for cords, straps and ribbons .....	16

6.5	Tests for carry cots .....	16
6.5.1	Test for rigidity of the sides of carry cots .....	16
	Test for measurement of the internal height of rigid carry cots .....	17
6.5.2	6.5.3 Test for effectiveness of the retaining function of the sides .....	18
6.5.4	Test for measurement of the total height of the carry cot .....	18
6.5.5	Tests for strength of carry cots .....	18
6.5.6	Test for the stability of carry cots on the ground !(see C.11)" .....	19
6.5.7	Test for the longitudinal stability of carry cots .....	20
6.5.8	Test for durability of flexible handles of carry cots .....	20
6.6	Tests for stands .....	21
6.6.1	Test for strength of stands .....	21
6.6.2	Test for stability of stands !(see C.12)" .....	21
6.6.3	Test for fatigue resistance of locking and folding mechanisms of stands .....	21
6.7	Test for durability of marking !(see C.13)" .....	22
7	Order of tests .....	22
8	Product information .....	22
8.1	General .....	22
8.2	Purchase information .....	22
8.3	Markings .....	22
8.4	Instructions on use and maintenance .....	23
	Annex A (normative) Order of tests .....	25
	Annex B (informative) A-deviations .....	26
	Annex C (informative) Background and rationale for this standard .....	27
C.1	Introduction .....	27
C.2	General .....	27
C.3	Scope .....	27
C.4	Chemical properties (see 4.2) .....	28
C.5	Flammability (see 4.3) .....	28
C.6	Sharp edges, points and corners (see 5.1.2) .....	28
C.7	!!!!Rigid handle (see 5.2.2) .....	28
C.8	Internal height of carry cot and effectiveness of retaining function (see 5.2.1) .....	28
C.9	Test cylinder (see 6.2.3) .....	28
C.10	Test for dynamic strength of carry cots (see 6.5.5.2) .....	28
C.11	Test for the stability of carry cots on the ground (see 6.5.6) .....	28
C.12	Test for stability of stands (see 6.6.2) .....	28
C.13	Test for durability of marking (see 6.7) .....	28
	Bibliography .....	29