



Test Report

No.: SHHG1203006450IP

Date: MAR.22,2012

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GROCORP

10 MARTINI PARADE LITHGOW NSW 2790 AUSTRALIA

The following sample(s) was/were submitted and identified by the client as:

Sample Description : COT
Style/ Item No. : C42 TURIN 10
Buyer : GROCORP
P.O. No. : C42 TURIN 10
Manufacturer : HUAU FURNITURE
Country of Origin : CHINA
Supplier : GROCORP
Country of Destination : AUSTRALIA
Sample Receiving Date : MAR.19,2012
Testing Period : MAR.19.,2012 TO MAR.22,2012
Test Performed : SELECTED TEST(S) AS REQUESTED BY APPLICANT
Test Requested : AS/NZS 2172:2010 COTS FOR HOUSEHOLD USE --
SAFETY REQUIREMENTS
Test Result(s) : FOR FURTHER DETAILS, PLEASE REFER TO THE
FOLLOWING PAGE(S)
Conclusion : THE SUBMITTED SAMPLE MET THE TEST
REQUIREMENT.

Signed for and on behalf of
SGS-CSTC Ltd.

Oliva Kou
Operation Manager

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Test Conducted :

AS/NZS 2172:2010 Cots for Household Use ---Safety Requirements

1. Scope:

This Standard specifies safety requirements for cots. These include material, design, construction, performance, labelling and marking requirements, all of which are important for the well-being of children who use cots. The Standard is applicable to cots for use in household situations. It is not applicable to most types of folding cots. Folding cots are covered in AS/NZS 2195, however, timber folding cots or cots made with rigid materials are required in AS/NZS 2195 to comply with all applicable requirements of this Standard. Requirements for cots in day nurseries, hospitals and institutions are given in AS/NZS 2130.

2. Number of test sample: 1 Piece of sample with package

3. Mattress size recommended by manufacturer: 630mm×1000mm×100mm

4. Internal size of the cot: 665mm×1015mm

5. Test Result: Details Shown As Following Table:

Clause	Test Method/ Requirement	Rating
4	Materials	
4.1	Timber a) Not contain splinters, loose knots, compression failures, pith or reaction wood as defined in AS/NZS 4491. b) Be free from decay and insect attack; and c) Be free from the intentional addition of hazard chemicals such as copper chrome arsenate.	Pass
4.2	Metals All the metal parts shall be either made of corrosion-resistant material or be protected form corrosion.	Pass
4.3	Toxicological requirement All exposed surface of the cot shall comply with the toxicological requirement specified in AS/NZS 8124.3	Pass(see result 1)
5	Construction	
5.1	General	Pass

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Clause	Test Method/ Requirement	Rating
5.2	Small parts Removable components and components that detach during testing in accordance with Appendices B to F, H and I shall not fit entirely into the small parts cylinder when tested in accordance with Appendix J.	Pass
5.3	Open-ended tubes There shall be no open-ended tubes.	Pass
6	Design	
6.1	Dimensions a Fix base cots: The vertical distance between the top of the mattress base and top edge of the lowest cot side or end when: 1) The access is closed shall not be less than 600 mm. 2) The access is open shall not be less than 250 mm.	N/A
	b Adjustable base cot: The vertical distance between the top of the mattress base and top edge of the lowest cot side or end when: 1 lower position: 1) the access is closed shall not be less than 600 mm. 2) the access is open shall not be less than 250 mm. 2 upper position 1) the access is closed shall not be less than 400 mm. 2) the access is open shall not be less than 250 mm.	Pass
	c The distance between adjacent filler bars or filler bars and filler panel shall be not less than 50 mm.	Pass
	d Distance between mattress and any part of the cot sides or ends at its centred measured horizontal shall be not more than 20mm.	Pass
	e Distance between the bottom rail of the dropside and the mattress base measured horizontal with the mattress base in the lower position and the dropsied in the closed position shall be not less than 12 mm and not more than 30 mm.	Pass
	f Distance between the floor and the bottom rail of the dropside at its lowest point of the travel shall not be less than 50 mm.	Pass

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Clause	Test Method/ Requirement	Rating
6.2	<p>Footholds</p> <p>There shall be no structural or components between 150 and 550 mm above the mattress base that could be used as footholds or toeholds for climbing</p>	Pass
6.3	<p>Access Fastening Device</p> <p>Any access fastening device shall engage automatically when the dropside is raised and shall consist of :</p> <ul style="list-style-type: none"> a) two fastening devices separated by a distance of at least 850 mm that have to be operated simultaneously; or b) a system that requires at least two separate but simultaneous actions operating on different principles. c) a system that requires at least two consecutive actions operating on different principles the operation of the second being dependent on the first having been carried out and sustained; or d) Locking mechanisms so constructed that the residual force for operating them is at least 50 N when measured after the test in Appendix E; or e) a device positioned such that it is not accessible to the child within the cot. <p>For a device designed for a lift and push dropside release, either the lift or the push shall comply with Item (d).</p>	Pass
6.4	<p>Dropside Guides</p> <ul style="list-style-type: none"> a The guides shall be designed and fastened to enable the dropside to move freely up and down. b Each guide shall be fastened firmly to the cot frame at both ends and, where practicable , at an intermediate level near to the mattress base. 	Pass
6.5	<p>Bottom Rails</p> <p>The bottom surface of the bottom rail on the sides and the ends of the cot shall not be higher than the upper surface of the mattress base.</p>	Pass
6.6	<p>Castors Or Glides</p> <p>Where castors glides are provided, one of the following shall apply:</p> <ul style="list-style-type: none"> A) Two castors B) Two glides C) Two castor, both having brakes, and two glides. 	Pass

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	D) Four castors, of which at least two have brakes.	
6.7	Snag points. Protrusion shall not be more than 5 mm unless they are so designed that they can not snag onto clothing	Pass
6.8	Sharp Edges And Sharp Points	Pass
7	Toys Included With Cot Where a cot incorporates a toy, that toy shall comply with AS/NZS ISO 8124.1 and AS/NZS ISO 8124.2 and AS/NZS ISO 8124.3	N/A
8	Transfers Decorative transfers shall not be accessible to the child within the cot.	Pass
9	Safety And Performance Requirements	
9.1	General The test shall be conducted according to the required sequence	
9.2	Entrapment hazard test When tested in accordance with Appendix A, all holes and gaps within the cot shall be a) sufficiently large to allow a sphere of 50 mm diameter to pass through but not allow a sphere of 95 mm diameter to pass through; or	Pass
	b) sufficiently large to allow a cylindrical probe of 12 mm diameter to enter but not allow a sphere of 30 mm diameter to pass through; or	Pass
	c) sufficiently small as not allow a cylindrical probe of 5 mm diameter to enter to a distance of at least 10 mm unless it allows lateral movement of the probe by at least 20 mm in any direction.	Pass
9.3	Impact Test When tested in accordance with Appendix B, no component of the cot shall fracture, detach or permanently deform; nor shall any fastening device (e.g. screws) or joint between components loosen; and the access shall not inadvertently open.	Pass

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Clause	Test Method/ Requirement	Rating
9.4	Strength Test When tested in accordance with Appendix C, no filler bar, filler panel or corner post shall break, permanently deform or suffer joint failure. No part shall detach and the dropside shall not inadvertently open.	Pass
9.5	Dropside Load Test When tested in accordance with Appendix D, there shall be no breaks or fractures of the bottom rail, nor failure of joints or access fastening devices on a cot. No part shall detach, and the dropside shall not inadvertently open.	Pass
9.6	Durability Of The Access Fastening Devices When tested in accordance with Appendix E, no part shall detach, and the access fastening device shall not fail to hold the access in a fully closed position.	Pass
9.7	Durability Of The Dropside Mechanism When tested in accordance with Appendix F, no part shall detach, there shall be no damage to the dropside, and the dropside mechanism shall not permanently deform or suffer damage.	Pass
9.8	Stability test When tested in accordance with Appendix G, no legs of the cot shall lift off the floor.	Pass
9.9	Torque test When tested in accordance with Appendix H, components that detach shall not fit entirely into the small parts cylinder when tested in accordance with Appendix J.	Pass
9.10	Tension test When tested in accordance with Appendix I, components that detach shall not fit entirely into the small parts cylinder when tested in accordance with Appendix J.	Pass
10	Plastic Packaging	N/A
11	Informative Labelling	Pass
12	Marking	Pass

Note: N/A= Not applicable

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Test Result 1:

Test Part Description :

Specimen No.	SGS Sample ID	Description
1	SHA11-181948.001	White coating
2	SHA11-181948.002	Transparent plastic bar
3	SHA11-181948.003	Black plastic wheel

Remarks :

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

AS/NZS ISO 8124.3-2003 , AMD.1-2010

Test Method : As specified in the AS/NZS ISO 8124.3-2003, AMD.1-2010, analysis was performed by ICP-OES.

Test Item(s)	Limit	Unit	MDL	001	002	003
Soluble Lead (Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony (Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic (As)	25	mg/kg	5	ND	ND	ND
Soluble Barium (Ba)	1,000	mg/kg	10	ND	ND	ND
Soluble Cadmium (Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium (Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury (Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium (Se)	500	mg/kg	10	ND	ND	ND

Notes :

- (1) Results shown are of the adjusted analytical results.

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Sample Photo:

Front view



Side view



End of Report

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