

Test Report

No.: SHHG1404012045IP

Date: MAY.08,2014

Page: 1 of 8

MARKETING CREATION SAS

1 VIA AURÉLIA, 13100, LE THOLONET, FRANCE

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

Sample Description : HIGH CHAIR IN PLASTIC
Style/ Item No. : HIGH CHAIR MCDONALD'S / CHAISE HAUTE
MCDONALD'S
Buyer : MARKETING CRÉATION SAS, 1 AURÉLIA, 13100, LE
THOLONET, FRANCE
Manufacturer : MARKETING CRÉATION SAS, 1 AURÉLIA, 13100, LE
THOLONET, FRANCE
Sample Receiving Date : APR.17,2014
Further Information Date : MAY.06,2014
Testing Period : APR.17,2014 TO MAY.08,2014
Test Performed : SELECTED TEST(S) AS REQUESTED BY APPLICANT
Test Requested : ASTM F 404-14 STANDARD CONSUMER SAFETY
SPECIFICATION FOR HIGH CHAIRS .
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.

Vincent Feng
Technical Manager

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Test Conducted:

ASTM F 404-14 STANDARD CONSUMER SAFETY SPECIFICATION FOR HIGH CHAIRS .

1. Scope

This consumer safety specification covers performance of requirements test methods of test to ensure the satisfactory performance of the high chair.

For purposes of this consumer safety specification, high chair is a free standing chair that elevates a child to standard dining table height. The high chair is made for the purpose of holding a child, up to 3 years of age, who can remain in a sitting position due to the child’s own coordination, and normally for the purposes of feeding or eating. A high chair may be height adjustable and include a reclined position for infants not able to remain in sitting position due to the child’s own coordination

2. Number of test specimen: 1 piece of sample

3. Test Result: Details Shown As Following Table:

Clause	Test Method/ Requirement	Rating/ Result
5	General Requirements	
5.1	Sharp points & sharp edges There shall be no hazardous sharp edges or points as defined by 16 CFR 1500.48 and 16 CFR 1500.49 before or after testing in accordance with this consumer safety specification.	PASS
5.2	Small parts There shall be no small parts, as defined by 16 CFR 1501, before testing or liberated as a result of testing to this specification.	PASS
5.3	Wood parts Before the application of any test methods, any exposed wood parts shall be smooth and free of splinters.	N/A
5.4	Latching or locking mechanisms Any unit that folds shall have a latching or locking device or other provision in a design that will prevent the unit from unintentionally folding when properly placed in the manufacturer’s recommended use position. During and upon completion of the testing in accordance with 7.1, the unit shall remain in its manufacturer’s recommended use position. If a unit is designed with a latching or locking device, that device shall remain engaged and operative after testing.	N/A
5.5	Labeling	
5.5.1	Warning labels, whether paper or non-paper shall be permanent when tested per 7.9.1 – 7.9.3.	N/A
5.5.2	Warning statements applied directly onto the surface of the product by hot stamping, heat transfer, printing, wood burning, etc. shall be permanent when tested per 7.9.4.	PASS
5.5.3	Non-paper labels shall not liberate small parts when tested in accordance with 7.9.5.	N/A

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Clause	Test Method/ Requirement	Rating/ Result
5.6	<p>Openings</p> <p>Holes or slots that extend entirely through a wall section of any rigid material less than 0.375-in. (9.53-mm) thick and admit a 0.210-in (5.33-mm) diameter rod shall also admit a 0.375-in. (9.53-mm) diameter rod. Holes or slots that are between 0.210-in. (5.33-mm) and 0.375-in. (9.53-mm) and have a wall thickness less than 0.375-in (9.53-mm) but are limited in depth to 0.375-in. (9.53-mm) maximum by another rigid surface shall be permissible. The product shall be evaluated in all manufacturers' recommended use positions.</p>	PASS
5.7	<p>Toy components</p> <p>Toy component provided with or attached to the high chair shall comply with the requirements of Consumer Safety Specification F963.</p>	N/A
5.8	<p>Chemical</p> <p>All paints and surface coatings on the product shall comply with 16 CFR 1303</p>	PASS (See chemical test result)
6	Performance requirement	
6.1	<p>Protective components</p> <p>If the child can grasp protective components between the thumb and forefinger, or teeth, (such as caps, sleeves, or plugs used for protection from sharp edges, points, or entrapment of fingers or toes), or if there is at least a 0.040-in. (1.00-mm) gap between the component and its adjacent parent component, such component shall not be removed when tested in accordance with 7.2. All protective components that are accessible to a child sitting in the high chair or accessible to a child from any position around the high chair shall be evaluated.</p>	N/A
6.2	<p>Removable Tray or Front Torso Support Performance Integrity</p> <p>All removable trays and front torso supports shall remain functional with respect to the chair and exhibit no sharp points, sharp edges, or small parts when subjected to a drop test in accordance with 7.3. A tray or front torso support is considered removable if it can be removed from the high chair without the use of tools (for example, screw driver or wrench).</p>	N/A
6.3	<p>Tray or Front Torso Support Performance – Pull Test</p> <p>The tray or front torso support shall not become disengaged or dislocated from its original adjustment position, when tested in accordance with 7.4 and 7.5. Components that do not function as a front torso support such as trays, tray inserts, or snack trays are exempt from this requirement.</p>	N/A
6.4	<p>Static load</p> <p>A chair shall support static loads without causing any hazardous conditions as identified within this consumer safety specification. Tests shall be conducted in accordance with 7.6.</p>	PASS

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Clause	Test Method/ Requirement	Rating/ Result
6.5	Stability A chair shall not tip over when forces are applied in accordance with 7.7.	PASS
6.6	Exposed coil springs Any exposed coil spring which is accessible to the occupant, having or capable of generating a space between coils of 5.3 mm or greater during static load testing in accordance with 7.6 shall be covered or otherwise designed to prevent injury from entrapment.	N/A
6.7	Scissoring, shearing and pinching A high chair, when in the manufacturer's recommended use position shall be designed and constructed so as to prevent injury to the occupant from scissoring, shearing, or pinching when members or components rotate about a common axis, or fastening points, slide, pivot, fold or otherwise move relative to one another. Scissoring, shearing, or pinching that may cause injury shall not be permissible when the edges of any rigid parts admit a probe that is greater than a 0.210-in.(5.33-mm) and less than a 0.375-in.(9.53-mm) diameter at any accessible point throughout the ranger of motion of such parts.	PASS
6.8	Restraint system	
6.8.1	A restraint system shall be provided to secure a child in the seated position in any of the manufacturer's recommended use position.	PASS
6.8.1.1	The restraint system shall include both waist and crotch system designed such that the crotch restraint's use is mandatory when the restraint system is in use.	PASS
6.8.2	The restraint system and its closing means (for example, buckle) shall not break, separate, or permit removal of the CAMI test dummy from the high chair when tested in accordance with 7.8.	PASS
6.8.2.1	If during test in 7.8.5.1, the posterior of the test dummy is pulled past the front edge of the seat, the dummy shall be considered removed.	PASS
6.8.2.2	If during test in 7.8.5.3, the dummy with the force applied reaches a vertical position with the bottom of its feet touching or off the seat, the dummy shall be considered removed.	PASS
6.8.3	The waist restraint shall be capable of adjustment with a positive, self-locking mechanism that is capable, when locked, of withstanding the forces of tests in 7.8 without allowing restraint movement or slippage of more than 1 in. (25.4 mm).	PASS
6.8.4	A connecting means and adjustment means for the waist restraint shall be capable of usage independent of one another. The connecting means shall not be an adjustment means but may have one integrally attached to it.	PASS

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Clause	Test Method/ Requirement	Rating/ Result
6.8.5	Before shipment, the restraint system should be completely attached to the high chair in the location for use in at least one of the manufacturer's recommended use position(s) and in such a manner as to not become detached through normal use.	PASS
6.9	Passive crotch restraint system	
6.9.1	High chairs have a completely bounded opening in front of the occupant in any position shall also have a passive crotch restraint in all such positions.	N/A
6.9.1.1	There shall be no vertical gap between the passive crotch restraint and either the tray, front torso support, or seating surface that allows free passage of a 1.5-in. (38-mm) diameter by 3-in. (76-mm) long rod from one leg opening to the other.	N/A
6.9.1.2	Adjust the seat back to the most upright position and the passive crotch restraint to the position furthest from the seat back. The distance between the front surface of the noncompressed seat back and the passive crotch restraint shall be less than 8.5 in. (216 mm) when measured horizontally 2.0 in. (50 mm) above the lowest point on the noncompressed seating surface.	N/A
6.9.1.3	The leg opening on each side of the passive crotch restraint shall not allow complete passage of the wedge block when tested in accordance with 7.11.	N/A
6.10	Structural integrity	
6.10.1	During and upon completion of the testing in accordance with 7.10, the high chair shall comply with all of the following:	PASS
6.10.1.1	The high chair shall not exhibit an instantaneous change in the height of the occupant seating surface above the floor of more than 3 in. (75 mm) during one cycle of the weight drop. During and after a change in the height of the seating surface, the high chair must comply with the requirements for openings as defined in 6.6 and scissoring, shearing, and pinching as defined in 6.7.	PASS
6.10.1.2	There shall be no breakage of any structural component.	PASS
6.10.1.3	Latching or locking devices which prevent folding of the high chair shall remain engaged.	PASS
6.10.1.4	The angle of occupant seating surface relative to the floor shall not change more than 10°	PASS
6.11	Tray latch Release Mechanisms	N/A
6.12	Side Containment Completely bounded openings in the surfaces that act as the sides of the seating area that are below the top surface of the tray and above the seat bottom surface shall not allow complete passage of the wedge block when tested in accordance with 7.14.	PASS
8	Label and warnings	PASS

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Clause	Test Method/ Requirement	Rating/ Result
9	Instructional literature	PASS

Note: N/A= Not applicable

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Chemical test result:

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SHA14-066398.001	Colorful coating

Remarks :

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

Part 1303, Title 16, Code of Federal Regulations, Chapter II – Consumer Products Safety Commission of U.S.A. requirement-Lead

Test Method : With reference to CPSC Test Method: CPSC-CH-E1003-09.1, analysis was performed by ICP-OES.

Test Item(s)	Limit	Unit	MDL	001
Lead (Pb)	0.0090	%	0.0020	ND
Conclusion				PASS

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Sample Photo:

Front view



Side view



End of Report

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