



Test Report

No. 2109432/SD

Date : Apr 28 2010

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The test results of Clause 6.2.1; 6.2.3; 6.2.4 have been extracted from report number 2107318/SD

The following samples were submitted and identified as

19.50CM DIAMETER INDUCTION BOARD

SGS Job No. : 3425970
Style / Item No. : 19.50CM
Quantity Submitted : TOTAL 6 PCS.

Sample Receiving Date : MAR 15, 2010; APR 22, 2010
Test Performing Date : MAR 15 TO 23, 2010; APR 22 TO 27, 2010
Test Requested : Please refer to the result summary.
Test Method & Results : Please refer to next page(s).
Result Summary :

Test Requested	Conclusion
With reference to BS EN 12983-1:2000 Incorporating Amendment No. 1 Cookware – Domestic cookware for use on top of a stove, cooker or hob. Part 1 : General Requirements Clause 6.2.1; 6.2.3; 6.2.4; 7.4; 7.5; 7.6 and 7.7	--

Signed for and on behalf of
SGS Hong Kong Ltd.

Yeung Lai Lin, Zoe
Section Manager

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With reference to BS EN 12983-1:2000 Incorporating Amendment No. 1 Cookware – Domestic cookware for use on top of a stove, cooker or hob. Part 1 : General Requirements

Clause	Test Item	Comment	Note
6.2	Geometry		
6.2.1	Dimensions The points of measurement of any claimed dimensions shall be made clear to the consumer, such as by means of sketch.	N.B.D.	#1
6.2.3	Diameters 1. Any diameter claimed for the base shall be within ± 10 mm of average of 2 measurements of the actual diameter taken at right angles to one another. 2. Any other claimed diameter shall be with ± 5 mm of the average of 2 measurements of the actual diameter taken at right handle to one another.	N.B.D.	# 1
6.2.4	Base Thickness 1. If a thickness is claimed for the base of a product, the average thickness of the base shall be greater than 85% of the claimed thickness. 2. If more than 22% of the base area is deliberately deformed for aesthetic or functional reasons, either internally or externally, no claim for base thickness shall be made.	N.B.D.	# 1
7	FURNITURE		
7.4	Torque Resistance When tested in accordance with appendix C, the movement of the handle shall be no more than 10° in either direction. There shall be no damage affecting the function caused to the handle, ferrule or fixing system by this test.	PASS	# 2
7.5	Bending Strength A handle fixing system shall withstand a bending force of 100N when tested as appendix D, without failure of the securing system.	PASS	# 3
7.6	Fatigue Resistance A handle assembly shall withstand 15000 cycles, without permanent distortion or permanent loosening of the handle or its fixing system when test as appendix E.	PASS	# 4
7.7	Thermal Hazards The maximum temperature of the handle or knob material shall not exceed the following limit when test as appendix F. a. Metal 55°C b. Plastics 70°C c. Wood 89°C d. Ceramic, Glass, Stone 66°C	PASS	# 5

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Note :

1. N.B.D. means NOT BE DETERMINE. No relative information claimed, no assessment was made on these clauses. The measured values as following :

<u>Item</u>	<u>Interior Diameter of Rim</u> (cm)	<u>Capacity</u> (ml)	<u>Base Diameter</u> (cm)	<u>Base Thickness</u> (mm)
Induction Board	19.2	/	19.2	5.26

2. The handle was not damaged after test, and angular displacement was within the requirement for tested sample. Details as following :

<u>Item</u>	<u>Angular displacement</u> (Left)	<u>Angular displacement</u> (Right)	<u>Reference Requirement</u>	<u>Comment</u>
Induction Board	3.7°	3.0°	< 10°	PASS

3. Deformation of handle was found after test.
4. As per client's instruction, induction board was tested without load weight.
5. The maximum measured temperature:

<u>Item</u>	<u>Measurement point</u>	<u>Max.Temp. (°C)</u>
Induction Board	Handle (Metal)	82.2*

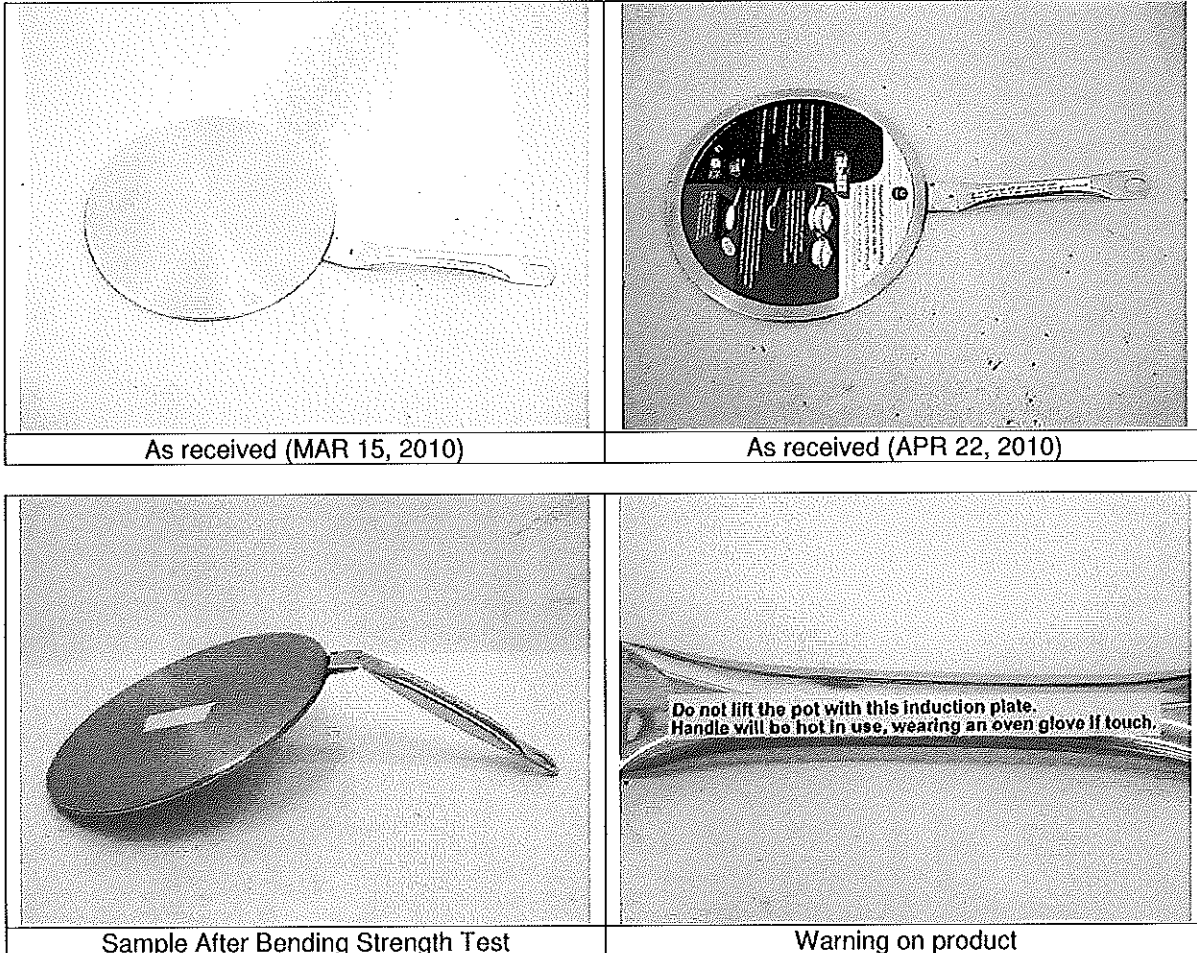
As specified by client, Ø18cm saucepan was placed on the sample during testing.
"*" means the maximum measured temperature from the handle exceeded the reference requirement in clause 7.7 Thermal Hazard. A recommendation of "Do not lift the pot with this induction plate. Handle will be hot in use, wearing an oven glove if touch" is shown on product.

6. Only requested clauses were shown.

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Photo Appendix



*** End of Report ***

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