

Test Report No.: SHHG1307026891PL Date: AUG.23,2013 Page: 1 of 5

PINGHU ZHANG'S SANITARYWARE FACTORY NO.3 XUJIA WEIR, TEAM 3. SHUGUANG VILLAGE, ZHONGDAI TOWN, PINGHU CITY, ZHEJIANG PROVINCE, CHINA

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

Sample Description	: SHOWER TRAY
Style/ Item No.	: ZS-7209
Sample Receiving Date	: JUL.18,2013
Testing Period	: JUL.18,2013 TO AUG.23,2013
Test Performed	: SELECTED TEST(S) AS REQUESTED BY APPLICANT
Test Requested	: EN 14516:2006+A1:2010 BATHS FOR DOMESTIC PURPOSES
Test Result(s)	: FOR FURTHER DETAILS, PLEASE REFER TO THE
	FOLLOWING PAGE(S)
Conclusion	: THE SUBMITTED SAMPLE MET THE TEST REQUIREMENT.

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Signed for and on behalf of SGS-CSTC Ltd.

Oliva Kou Operation Manager

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Test Conducted:

1. EN 14516:2006+A1:2010 Baths for domestic purposes

Sample Size: 1piece

Classification: Class 1+Class 2

Clause	Test Method/ Requirement	Result	Rating		
4 Classification	Class 1: Products complying with the requirements of Clause 5 Class 2: Products complying with the requirements of Clause 6	Class1+2	Pass		
5 Requirements	5 Requirements for class 1 products				
5.1 General	The manufacturer shall provide instructions with each bath covering installation and care.	Not provided	/		
5.2 Clean ability					
5.2.1 Appearance of surface	When a bath is inspected under strong and oblique illumination, the surfaces intended to come into contact with water shall be visibly smooth, non-absorbent and free from inaccessible corners that would impair the cleanability.	/	Pass		
5.2.2 Drainage of water	Baths shall have at least one waste outlet hole. The dimensions of the waste outlet hole shall comply with the requirements of EN 232. Other dimensions are permissible, if the manufacturer provides or recommends a suitable waste fitting. All water shall empty from the bath unless prevented by surface tension.	See Result 1 All water was empty from the bath	Pass		
5.3 Durability					
5.3.1 General	Conformance with the requirements of "5.3.2 to 5.3.4" gives an assurance of durability.	/	Pass		
5.3.2 Stability of bottom	There shall be no permanent distortion or other defects, e.g. Cracks, such that the requirements of "5.2.2" are not satisfied.	No permanent distortion	Pass		
5.3.3.1 Resistance to chemicals and staining agents General	The surface finish shall be unaffected by the chemicals and staining agents specified in Table 1, except for superficial surface changes which are removable with water or with water and the specified abrasive agent.	/	Pass		
5.3.3.2 Particular requirements for baths made of enameled steel and enameled cast iron	Baths made from enameled steel and enameled cast iron shall comply with the requirements given in Table 2. Table 2 - Requirements for baths made of enamelled steel and enamelled cast iron Requirement Parameter Test method Resistance to bolling water < 10g/m²	Plastic bathtub	N/A		

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Clause	Test Method/ Requirement	Result	Rating
5.3.4	When tested in accordance with 8.3, all baths shall show no	No any	Pass
Resistance to	evidence of distortion or other defects, e.g. Crazing, which will	change	
temperature	impair their cleanability		
changes	Experience has shown that baths manufactured from the stainless		
	steel grades listed in Annex A, enameled steel, enameled cast		
	iron and glazed ceramics comply with this requirement.		
	for class 2 products		
6.1 General	The manufacturer shall provide instructions with each bath	Not provided	/
	covering installation and care.		
6.2 Clean ability			
6.2.1	When a bath is inspected under strong and oblique illumination,	/	Pass
Appearance of	the surfaces intended to come into contact with water shall be		
surface	visibly smooth, non-absorbent and free from inaccessible corners		
	that would impair the clean ability.		
6.2.2 Drainage	Baths shall have at least one waste outlet hole. The dimensions of	See Result 1	Pass
of water	the waste outlet hole shall comply with the requirements of EN	All water was	
	232. Other dimensions are permissible, if the manufacturer	empty from the	
	provides or recommends a suitable waste fitting.	bath	
	All water shall empty from the bath unless prevented by surface		
	tension.		
6.3.1 General	Baths shall be readily cleanable for their anticipated working life	/	Pass
	when normal cleaning and maintenance is carried out.		
6.3.2 Materials	Experience has shown that baths made from plastics materials,	/	Pass
	enameled steel, enameled cast iron, stainless steel, glazed		
	ceramics or glass and their surfaces intended to come into contact		
	with water have the properties described in 6.3.1.		
7.Dangerous	See Annex ZA, ZA.1 and ZA.3.	See remark 1	Pass
substances			

Remark:

- 1. The test report No SHHG1305016507PL, issued by SGS lab on JUL.16, 2013 was provided for dangerous substances test review.
- 2. N/A= Not applicable;



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Result 1: Dimension for Waste outlet hole (EN232-2012)

1) Waste outlet hole:

Designation	Symbol	Requirement	Result (mm)
Diameter of the waste outlet hole	C	52^{+3}_{-2}	52
	D ₂	90^{+3}_{-2}	/
Distance between the contact diameter of the control gauge and the bottom of the bath around the waste outlet hole	е	≥2	16
Contact diameter of the control gauge	D	70	70
D ₃		115	/
Contact cone angle	а	≤ 120 °	115 °
Height between the contact diameter of the control gauge and the	h	6 to 16	7
plane of the waste outlet hole	h ₂	6 to 25	/
Sealing surface for waste fitting	S	≥3	9

2) Clearance around the waste outlet hole:

Designation	Symbol	Values (mm)	Result
Radius of the circular area which shall remain free for	R	≥ 60	74
installation of the waste fitting		≥ 80	/
Thickness of reinforcing material around the waste outlet hole	f	≤15	7

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Sample Photo:





Back view



End of Report

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