

Test Report

No.: GZHL2203007736PL

Date: Mar 25, 2022

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GUANGDONG BEFEN INDUSTRIAL CO., LTD
3D-303N 3RD FLOOR 213 TAIRAN PARK TAIRAN 6TH ROAD TIANAN SHATOU SHENZHEN GUANGDONG

Sample Description : TOILET
Style / Item / Model No. : Refer to "general product information"
SKU No. : 24SERIES
Country of Origin : CHINA

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

Sample Receiving Date : Feb 28, 2022
Test Performing Date : Mar 10, 2022 to Mar 14, 2022; Mar 24, 2022
Test Performed : Selected test(s) as requested by applicant
Test Result(s) : For further details, please refer to the following page(s)

Test Requested	Rating
EN 997: 2018	Pass

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Bink Xu



Bink Xu
Authorized Signatory



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Guangzhou Branch Testing Center Headlines

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General product information:

Model No.	Description
24series	Independent WC pan, wall-hung mounted, manufactured from ceramic, with concealed horizontal outlet, for personal hygiene, type 1 product, sub-type 5.




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CE marking for example (For model 24series)


Guangdong BEFEN Industrial Co., Ltd 3D-303N 3RD floor 213 tairan park tairan 6th road tianan shatou shenzhen guangdong
ZZ XXXXX YYYYYY PH EN 997-CL1-5A

Remark:

1. "ZZ" should be the last two digits of the year in which the marking was first affixed.
2. "XXXXX" should be the reference number of the DoP.
3. "YYYYYY" should be the unique identification code of the product type.
4. When this European Standard (EN 997: 2018) is cited in the Official Journal of the European Union (OJEU), it shall be possible to use it as a basis for the establishment of the Declaration of Performance (DoP) and the CE marking, from the date of the beginning of the coexistence period as specified in the OJEU.
5. The CE marking symbol shall be in accordance with the general principles set out in Article 30 of Regulation (EC) No. 765/2008. It may be followed by a pictogram or any other mark notably indicating a special risk or use.
 - It shall be affixed visibly, legibly and indelibly:
 - to the product or
 - to a label attached to it.
 - Where this is not possible or not warranted on account of the nature of the product, it shall be affixed:
 - to the packaging or
 - to the accompanying documents.



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Test Conducted: Base on EN 997: 2018 WC pans and WC suites with integral trap

Test Results: Details shown as following table

EN 997																																										
Clause	Test Item				Result	Rating																																				
5	Functional characteristics and test methods for type 1 products																																									
5.1	Depth of water seal When tested in accordance with 5.7.1, the depth of the water seal shall be not less than 50 mm.				Depth of water seal: 58mm	Pass																																				
5.2	Flushing characteristics																																									
5.2.1	General Table 1 correlates the flushing characteristics to the WC pan sub-type and flushing volume. Table 1 — Flushing characteristics				Sub-type of WC pan: 5	Pass																																				
	<table><tr><td>Sub-type of WC pan in accordance with Table 2 and Table 3</td><td>Wash of bowl (5.2.2)</td><td>Flushing of toilet paper (5.2.3)</td><td>Flushing of 50 plastic balls (5.2.4)</td><td>Oversplashing (5.2.5)</td><td>After-flush volume (5.2.6)</td></tr><tr><td>9</td><td>X</td><td>X</td><td>X</td><td>X</td><td></td></tr><tr><td>7</td><td>X</td><td>X</td><td>X</td><td>X</td><td></td></tr><tr><td>6</td><td>X</td><td>X</td><td></td><td>X</td><td>X</td></tr><tr><td>5</td><td>X</td><td>X</td><td></td><td>X</td><td>X</td></tr><tr><td>4</td><td>X</td><td>X</td><td>X</td><td>X</td><td></td></tr></table>						Sub-type of WC pan in accordance with Table 2 and Table 3	Wash of bowl (5.2.2)	Flushing of toilet paper (5.2.3)	Flushing of 50 plastic balls (5.2.4)	Oversplashing (5.2.5)	After-flush volume (5.2.6)	9	X	X	X	X		7	X	X	X	X		6	X	X		X	X	5	X	X		X	X	4	X	X	X	X	
	Sub-type of WC pan in accordance with Table 2 and Table 3	Wash of bowl (5.2.2)	Flushing of toilet paper (5.2.3)	Flushing of 50 plastic balls (5.2.4)			Oversplashing (5.2.5)	After-flush volume (5.2.6)																																		
	9	X	X	X			X																																			
	7	X	X	X			X																																			
	6	X	X				X	X																																		
	5	X	X				X	X																																		
4	X	X	X	X																																						
The efficiency of flushing is demonstrated by the following characteristics.																																										
5.2.2	Wash of bowl When tested in accordance with 5.7.2.3, the arithmetic average of any unflushed area below the rim and above the surface of the water in the trap shall not be more than 50 cm2 after five flushing operations. In case of rimless WCs, the surface to be tested is the area between the water surface and a horizontal line 85 mm below the top edge of the bowl.				<table><tr><td>Flushing time</td><td>Unflushed area (cm²)</td></tr><tr><td>1</td><td>0</td></tr><tr><td>2</td><td>0</td></tr><tr><td>3</td><td>0</td></tr><tr><td>4</td><td>0</td></tr><tr><td>5</td><td>0</td></tr></table>	Flushing time	Unflushed area (cm²)	1	0	2	0	3	0	4	0	5	0	Pass																								
Flushing time	Unflushed area (cm²)																																									
1	0																																									
2	0																																									
3	0																																									
4	0																																									
5	0																																									
5.2.3	Flushing of toilet paper When tested in accordance with 5.7.2.4, 12 sheets of toilet paper shall be flushed out of the WC pan a minimum of 4 times out of five tests. For baby WC pans, 6 sheets of toilet paper shall be flushed out of the WC pan a minimum of 4 times out of five tests.				All paper was flushed out after every flush cycle.	Pass																																				
5.2.4	Flushing of fifty small plastic balls When tested in accordance with 5.7.2.5 after five tests, each with 50 balls, a minimum of 85 % of the balls shall be flushed out of the WC pan.					N/A																																				
5.2.5	Oversplashing When tested in accordance with 5.7.2.6, flushing water shall not splash beyond the rim of the bowl and wet the floor. Only a few small drops are permissible.				Flushing water was not splashed beyond the rim of the bowl and wet the floor.	Pass																																				



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EN 997			
Clause	Test Item	Result	Rating
5.2.6	After-flush volume When tested in accordance with 5.7.2.7, an after-flush volume of 2,5 l or 2,8 l as appropriate is required.	Flushing time	Pass
		After-flush volume (L)	
		1	
		2	
		3	
		4	
		5	
		6	
		7	
		8	
		9	
		10	
		Average	
5.3	Water absorption When tested in accordance with 5.7.3, the arithmetic average for water absorption of glazed ceramic WC pans shall not exceed 0,5 % by mass.	Average for water absorption: 0.26%	Pass
5.4	Static load When tested in accordance with 5.7.4, wall-hung and non-ceramic WC pans and WC suites shall withstand a force of (4,00 ± 0,05) kN without showing any evidence of cracking or permanent deformation. Experience has shown that pedestal ceramic WC pans and WC suites comply with this characteristic.	Not show any evidence of cracking or permanent deformation after test	Pass
5.5	Additional characteristics of flushing cisterns for close-coupled suites and one-piece WCs		
5.5.1	General If close-coupled suites and one-piece WCs comprising a flushing cistern and a WC pan supplied or specified by the manufacturer as a unit, the following characteristics shall be fulfilled.		N/A
5.5.2	Inlet valve of the flushing cistern Flushing cisterns shall have an inlet valve complying with EN 14124.		N/A
5.5.3	Supply piping All materials of the supply piping which could be in contact with drinking water shall not be danger to health. They shall not change the taste, aroma or visual appearance of the drinking water. The use of elastomeric flexible supply hoses complying with EN 13618 is permissible inside the assembly.		N/A



EN 997			
Clause	Test Item	Result	Rating
5.5.4	Flush volume(s) of the flushing cistern The flush volume(s) for one-piece and close-coupled flushing cisterns supplied with a WC pan shall conform to the value(s) specified by the manufacturer according to Table 3, when measured as described in 5.7.5.1. Flushing cisterns or their components shall be marked to allow the correct volume(s) of flush to be achieved.		N/A
5.5.5	Leak-tightness between flushing cistern and bowl When tested in accordance with 5.7.5.2, there shall be no leakage between the WC pan and the flushing cistern.		N/A
5.5.6	Outlet valve leak-tightness When tested in accordance with 5.7.5.3, the outlet shall not show any leakage greater than three drops within 15 min.		N/A
5.5.7	Outlet valve reliability When tested in accordance with 5.7.5.4, the outlet mechanism functions shall be ensured. The flushing device shall not show any failure or permanent distortion of any component including linkages that prevents normal operation of the mechanism. The outlet of the flushing device shall not show leakage greater than three drops within 15 min.		N/A

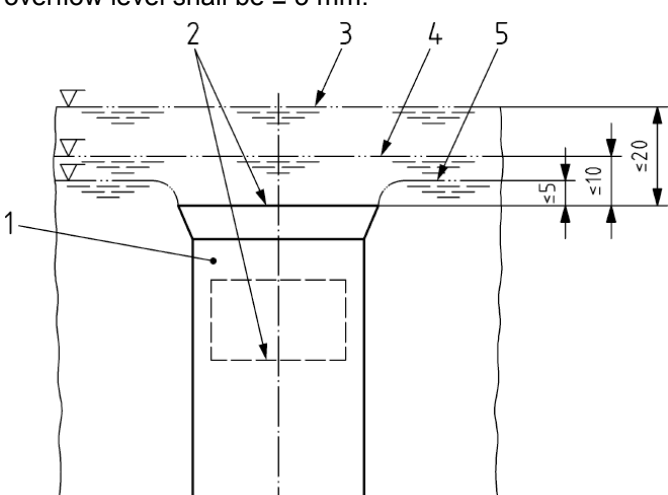


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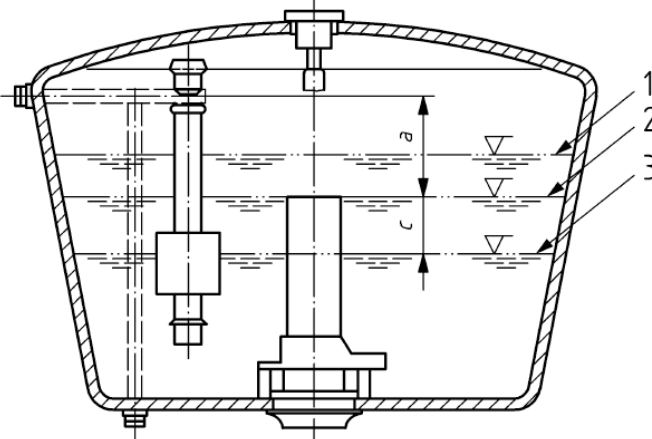
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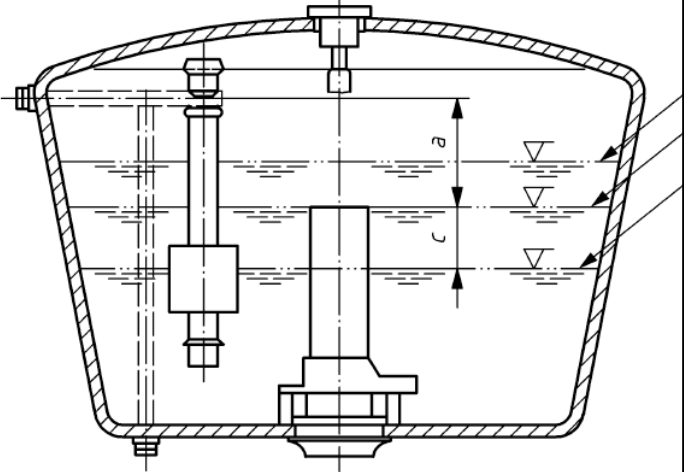
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EN 997			
Clause	Test Item	Result	Rating
5.5.8	<p>Overflow</p> <p>When tested as described in 5.7.5.5, the overflow shall meet the requirements specified below (see Figure 1):</p> <p>a) the distance between the maximum water level and the overflow level shall be ≤ 20 mm;</p> <p>b) the distance between the critical water level and the overflow level shall be ≤ 10 mm;</p> <p>c) the distance between the meniscus level and the overflow level shall be ≤ 5 mm.</p>  <p>Key</p> <p>1 overflow pipe 2 overflow level 3 maximum water level 4 critical water level 5 meniscus level</p>		N/A




EN 997			
Clause	Test Item	Result	Rating
5.5.9	<p>Safety margin – dimension “c”</p> <p>When tested as described in 5.7.5.6, dimension “c” (see Figure 2) corresponding to the distance between the overflowing level and the maximum nominal water level indicated by the manufacturer shall be ≥ 20 mm.</p>  <p>Key</p> <p>1 maximum water level</p> <p>2 overflow level</p> <p>3 maximum nominal water level</p> <p>a distance between overflow level and the point of the air inlet orifice of the inlet valve</p> <p>c safety margin</p>		N/A



EN 997			
Clause	Test Item	Result	Rating
5.5.10	<p>Safety margin – dimension “a”</p> <p>When tested as described in 5.7.5.7, the dimension “a” (see Figure 2) between the overflow level and the lowest point of the air inlet orifice of the inlet valve shall be 20 mm minimum as required in EN 1717, to prevent backflow.</p> <p>In the case of an adjustable overflow, the adjustment shall provide a dimension “a” of 20 mm minimum.</p>  <p>Key</p> <ul style="list-style-type: none"> 1 maximum water level 2 overflow level 3 maximum nominal water level a distance between overflow level and the point of the air inlet orifice of the inlet valve a safety margin 		N/A
5.6	<p>Durability</p> <p>Type 1 products conforming to the requirements of 5.2 to 5.4 and 5.5.5 to 5.5.10 are deemed to be durable.</p>	Complied	Pass
6	<p>Functional characteristics and test methods for type 2 products</p>		N/A



EN 997			
Clause	Test Item	Result	Rating
7	<p>Dangerous substances</p> <p>National regulations on dangerous substances may require verification and declaration on release, and sometimes content, when construction products covered by this standard are placed on those markets.</p> <p>In the absence of European harmonized test methods, verification and declaration on release/content should be done taking into account provisions in the place of use.</p> <p>NOTE An informative database covering European and national provisions on dangerous substances is available at the Construction web site on EUROPA accessed through: https://ec.europa.eu/growth/tools-databases/cp-ds_en.</p>	Informative	---
8	<p>Marking</p> <p>The intended use of close-coupled suites, one-piece and independent WC pans with integral trap is personal hygiene in accordance with the scope of this standard.</p> <p>A schematic drawing of the product may optionally follow the abbreviation for personal hygiene.</p> <p>EXAMPLE 1 Use of full text: Personal hygiene</p> <p>EXAMPLE 2 Use of abbreviation: PH</p> <p>EXAMPLE 3 Use of the abbreviation and the optional schematic drawing: PH </p> <p>Close-coupled suites, one-piece and independent WC pans with integral trap belong always to one type and sub-type at least. For each type and sub-type a set of characteristics to be tested (see 9.2.2) is defined. Due to this a close-coupled suite, one-piece and independent WC pan with integral trap can be described with a designation code which includes all fulfilled essential characteristics.</p> <p>The relevant product characteristics and the Essential Characteristics for close-coupled suites, one piece and independent WC pans with integral trap including their abbreviations are given in Tables 4 and 5.</p> <p>If type 1 close-coupled suites components (WC pan and flushing cistern) are delivered separately, both components should be CE marked.</p>	Complied	Pass



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EN 997																													
Clause	Test Item	Result	Rating																										
8 (Continued)	<p>Table 4 — Characteristics and abbreviations for type 1 products</p> <table><tr><th>Abbreviation</th><th>Characteristics</th></tr><tr><td>EN 997</td><td>Number of European Standard for WCs and WC suites for product description</td></tr><tr><td>CL 1 - X</td><td>Type 1 product with fixed flush volumes (9 l, 7 l, 6 l, 5 l or 4 l)</td></tr><tr><td>(Y)</td><td>Minimum supply pressure (optionally)</td></tr><tr><td>A</td><td>Flushing cistern</td></tr><tr><td>C</td><td>Pressure flush valve</td></tr><tr><td>WL</td><td>Water tightness / leak tightness</td></tr><tr><td>CF</td><td>Capacity of flush</td></tr><tr><td>BP</td><td>Backflow prevention (foul air)</td></tr><tr><td>CA</td><td>Cleanability</td></tr><tr><td>VR(x)</td><td>Valve reliability (type 1 close-coupled suites and one-piece WC pans only - category I or II)</td></tr><tr><td>LR</td><td>Load resistance</td></tr><tr><td>DA</td><td>Durability</td></tr></table> <p>All close-coupled suites, one-piece and independent WC pans with integral trap shall be designated in accordance with the following system:</p> <p>Valve reliability (category I or II) —</p> <p>Flushing device and optionally minimum supply pressure —</p> <p>Minimum full flush volume, for type 2 optional —</p> <p>Flush volume for type I —</p> <p>Type of product —</p> <p>Number of standard —</p> <p>EN 997 — CL 1 (or 2) — (X or Z) — A (or C) / Y — VR I (or II) — LR — DA</p> <p>WL — CF — BP — CA — VR — LR — DA</p> <p>Watertightness / leaktightness —</p> <p>Capacity of flush —</p> <p>Backflow prevention (of foul air) —</p> <p>Cleanability —</p> <p>Valve reliability —</p> <p>Load resistance —</p> <p>Durability —</p> <p>EXAMPLE 4 Type 1 independent WC pan for a flush volume of 5 l and 4 l when flushed by a flushing cistern, and for a flush volume of 6 l when flushed with a pressure flush valve. All Essential Characteristics specified for type 1 products are satisfied:</p> <p>EN 997 — CL 1 — 5/4 A — 6 C</p> <p>EXAMPLE 5 Type 1 close coupled suite or one-piece WC pan with a flush volume of 6 l when flushed with a flushing cistern equipped with a valve of reliability category II. The requirements for type 2 products are also satisfied:</p> <p>EN 997 — CL 1 — 6 — VR II + CL 2</p>	Abbreviation	Characteristics	EN 997	Number of European Standard for WCs and WC suites for product description	CL 1 - X	Type 1 product with fixed flush volumes (9 l, 7 l, 6 l, 5 l or 4 l)	(Y)	Minimum supply pressure (optionally)	A	Flushing cistern	C	Pressure flush valve	WL	Water tightness / leak tightness	CF	Capacity of flush	BP	Backflow prevention (foul air)	CA	Cleanability	VR(x)	Valve reliability (type 1 close-coupled suites and one-piece WC pans only - category I or II)	LR	Load resistance	DA	Durability	Complied	Pass
	Abbreviation	Characteristics																											
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	CL 1 - X	Type 1 product with fixed flush volumes (9 l, 7 l, 6 l, 5 l or 4 l)																											
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LR	Load resistance																												
DA	Durability																												



EN 997			
Clause	Test Item	Result	Rating
8 (Continued)	<p>EXAMPLE 6 Type 2 WC suite for use with designated flushing cistern(s). All Essential Characteristics specified for type 2 products are satisfied: EN 997 — CL 2</p> <p>EXAMPLE 7 Type 1 close coupled suite for a flush volume of 6 l when flushed with a flushing cistern equipped with a valve of reliability category II. The minimum supply pressure is specified by the manufacturer with 0,05 MPa (0,5 bar) optional. All Essential Characteristics specified for type 1 products are satisfied. The requirements for type 2 products are also satisfied: EN 997 — CL 1 — 6 / 0,5 — VR II + CL 2</p> <p>EXAMPLE 8 Type 2 WC suite for use with designated flushing cistern(s). Minimum full flush volume 5,2 l is shown in the designation code as an option. All Essential Characteristics specified for type 2 products are satisfied: EN 997 — CL 2 — 5,2</p>	Complied	Pass
9	Assessment and verification of constancy of performance – AVCP		
9.1	<p>General</p> <p>The compliance of close-coupled suites, one-piece and independent WC pans with integral trap with the requirements of this standard and with the performances declared by the manufacturer in the DoP shall be demonstrated by:</p> <ul style="list-style-type: none"> — determination of the product type (see 9.2); — factory production control by the manufacturer (FPC), including product assessment (see 9.3). <p>The manufacturer shall always retain the overall control and shall have the necessary means to take responsibility for the conformity of the product with its declared performance(s).</p>	Complied	Pass
9.2	Type testing		
9.2.1	<p>General</p> <p>All performances related to characteristics included in this standard shall be determined when the manufacturer intends to declare the respective performances unless the standard gives provisions for declaring them without performing tests (e.g. use of previously existing data, CWFT and conventionally accepted performance).</p>	Complied	Pass



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EN 997			
Clause	Test Item	Result	Rating
9.2.1 (Continued)	<p>Assessment previously performed in accordance with the provisions of this standard, may be taken into account provided that they were made to the same or a more rigorous test method, under the same AVCP system on the same product or products of similar design, construction and functionality, such that the results are applicable to the product in question.</p> <p>For the purposes of assessment, the manufacturer's products may be grouped into families, where it is considered that the results for one or more characteristics from any one product within the family are representative for that same characteristics for all products within that same family.</p> <p>Products may be grouped in different families for different characteristics.</p> <p>Reference to the assessment method standards should be made to allow the selection of a suitable representative sample.</p> <p>In addition, the determination of the product type shall be performed for all characteristics included in the standard for which the manufacturer declares the performance:</p> <p>— at the beginning of the production of a new or modified close-coupled suites, one-piece and independent WC pans with integral trap (unless a member of the same product range), or</p> <p>— at the beginning of a new or modified method of production (where this may affect the stated properties), or</p> <p>— they shall be repeated for the appropriate characteristic(s), whenever a change occurs in the modified close-coupled suites, one-piece and independent WC pans with integral trap design, in the raw material or in the supplier of the components, or in the method of production (subject to the definition of a family), which would affect significantly one or more of the characteristics.</p> <p>Where components are used whose characteristics have already been determined, by the component manufacturer, on the basis of assessment methods of other product standards, these characteristics need not be re-assessed. The specifications of these components shall be documented.</p>	Complied	Pass



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EN 997																																																																							
Clause	Test Item	Result	Rating																																																																				
9.2.1 (Continued)	Products bearing regulatory marking in accordance with appropriate harmonized European specifications may be presumed to have the performances declared in the DoP, although this does not replace the responsibility on the close-coupled suites, one-piece and independent WC pans with integral trap manufacturer to ensure that the close-coupled suites, one-piece and independent WC pans with integral trap as a whole is correctly manufactured and its component products have the declared performance values.	Complied	Pass																																																																				
9.2.2	<p>Test samples, testing and compliance criteria</p> <p>The number of samples of close-coupled suites, one-piece and independent WC pans with integral trap to be tested/assessed shall be in accordance with Table 6 and/or Table 7.</p> <p>Table 6 — Type testing for type 1 products</p> <table border="1"> <thead> <tr> <th>Characteristic to be tested</th><th>Assessment method according to clauses of this standard</th><th>Number of samples</th><th>Requirement and Compliance criteria</th></tr> </thead> <tbody> <tr> <td>Depth of water seal</td><td>5.7.1</td><td>1</td><td>5.1</td></tr> <tr> <td>Wash of bowl</td><td>5.7.2.3</td><td>1</td><td>5.2.2</td></tr> <tr> <td>Flushing toilet paper</td><td>5.7.2.4</td><td>1</td><td>5.2.3</td></tr> <tr> <td>Flushing of 50 plastic balls</td><td>5.7.2.5</td><td>1</td><td>5.2.4</td></tr> <tr> <td>Oversplashing</td><td>5.7.2.6</td><td>1</td><td>5.2.5</td></tr> <tr> <td>After-flush volume</td><td>5.7.2.7</td><td>1</td><td>5.2.6</td></tr> <tr> <td>Water absorption</td><td>5.7.3</td><td>1</td><td>5.3</td></tr> <tr> <td>Static load</td><td>5.7.4</td><td>1</td><td>5.4</td></tr> <tr> <td>Flush volume(s) for flushing cisterns of suites</td><td>5.7.5.1</td><td>1</td><td>5.5.4</td></tr> <tr> <td>Leaktightness between cistern and bowl</td><td>5.7.5.2</td><td>1</td><td>5.5.5</td></tr> <tr> <td>Outlet valve leak tightness</td><td>5.7.5.3</td><td></td><td>5.5.6 a</td></tr> <tr> <td>Outlet valve reliability</td><td>5.7.5.4</td><td></td><td>5.5.7 a</td></tr> <tr> <td>Overflow</td><td>5.7.5.5</td><td>1</td><td>5.5.8</td></tr> <tr> <td>Safety margin – dimension c</td><td>5.7.5.6</td><td>1</td><td>5.5.9</td></tr> <tr> <td>Safety margin – dimension a</td><td>5.7.5.7</td><td>1</td><td>5.5.10</td></tr> <tr> <td>Dangerous substances</td><td>Clause 7</td><td>—</td><td>—</td></tr> </tbody> </table> <p>a Where an outlet valve is used in several cisterns, the outlet valve need only be tested once unless there are design changes.</p>	Characteristic to be tested	Assessment method according to clauses of this standard	Number of samples	Requirement and Compliance criteria	Depth of water seal	5.7.1	1	5.1	Wash of bowl	5.7.2.3	1	5.2.2	Flushing toilet paper	5.7.2.4	1	5.2.3	Flushing of 50 plastic balls	5.7.2.5	1	5.2.4	Oversplashing	5.7.2.6	1	5.2.5	After-flush volume	5.7.2.7	1	5.2.6	Water absorption	5.7.3	1	5.3	Static load	5.7.4	1	5.4	Flush volume(s) for flushing cisterns of suites	5.7.5.1	1	5.5.4	Leaktightness between cistern and bowl	5.7.5.2	1	5.5.5	Outlet valve leak tightness	5.7.5.3		5.5.6 a	Outlet valve reliability	5.7.5.4		5.5.7 a	Overflow	5.7.5.5	1	5.5.8	Safety margin – dimension c	5.7.5.6	1	5.5.9	Safety margin – dimension a	5.7.5.7	1	5.5.10	Dangerous substances	Clause 7	—	—	Complied	Pass
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9.3	Factory production control (FPC)																																																																						



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EN 997			
Clause	Test Item	Result	Rating
9.3.1	<p>General</p> <p>The manufacturer shall establish, document and maintain an FPC system to ensure that the products placed on the market comply with the declared performance of the essential characteristics.</p> <p>The FPC system shall consist of procedures, regular inspections and tests and/or assessments and the use of the results to control raw and other incoming materials or components, equipment, the production process and the product.</p> <p>The results of inspections, tests or assessments requiring action shall be recorded. The action to be taken when control values or criteria are not met shall be recorded.</p> <p>NOTE Manufacturers having an FPC system which complies with EN ISO 9001 and which addresses the provisions of the present European Standard are considered as satisfying the FPC requirements of the Regulation (EU) No. 305/2011.</p>	The valid ISO 9001 certificate is provided for the manufacturer.	Pass
9.3.2	Equipment		
9.3.2.1	<p>Testing</p> <p>All weighing, measuring and testing equipment shall be calibrated and regularly inspected in accordance with the documented procedures, frequencies and criteria.</p>	The valid ISO 9001 certificate is provided for the manufacturer.	Pass
9.3.2.2	<p>Manufacturing</p> <p>All equipment used in the manufacturing process shall be regularly inspected and maintained to ensure use; wear or failure does not cause inconsistency in the manufacturing process. Inspections and maintenance shall be carried out and recorded in accordance with the manufacturer's written procedures and the records retained for the period defined in the manufacturer's FPC procedures.</p>	The valid ISO 9001 certificate is provided for the manufacturer.	Pass
9.3.3	<p>Raw materials and components</p> <p>The specifications of all incoming raw materials and components shall be documented, as shall the inspection scheme for ensuring their compliance. In case supplied kit components are used, the constancy of performance system of the component shall be that given in the appropriate harmonized technical specification for that component.</p>	The valid ISO 9001 certificate is provided for the manufacturer.	Pass
9.3.4	<p>Product testing and assessment</p> <p>The manufacturer shall establish and document procedures to ensure that the stated values of all of the characteristics are maintained.</p>	The valid ISO 9001 certificate is provided for the manufacturer.	Pass



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EN 997			
Clause	Test Item	Result	Rating
9.3.5	<p>Non-complying products</p> <p>The manufacturer shall have written procedures which specify how non-complying products shall be dealt with. Any such events shall be recorded as they occur and these records shall be kept for the period defined in the manufacturer's written procedures.</p> <p>Where the product fails to satisfy the acceptance criteria, the provisions for non-complying products shall apply, the necessary corrective action(s) shall immediately be taken and the products or batches not complying shall be isolated and properly identified.</p> <p>Once the fault has been corrected, the test or verification in question shall be repeated.</p> <p>The results of controls and tests shall be properly recorded. The product description, date of manufacture, test method adopted, test results and acceptance criteria shall be entered in the records under the signature of the person responsible for the control/test.</p> <p>With regard to any control result not meeting the requirements of this European Standard, the corrective measures taken to rectify the situation (e.g. a further test carried out, modification of manufacturing process, throwing away or putting right of product) shall be indicated in the records.</p>	The valid ISO 9001 certificate is provided for the manufacturer.	Pass
9.3.6	<p>Corrective action</p> <p>The manufacturer shall have document procedures that instigate action to eliminate the cause of nonconformities in order to prevent recurrence.</p>	The valid ISO 9001 certificate is provided for the manufacturer.	Pass

Remark: 1. N/A = Not applicable.

2. NT = Not tested as per client's request.

3. This test was conducted at Room 101, Building 3, No.1501, Kaichuang Avenue, Huangpu District, Guangzhou, Guangdong, China.

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