

TEST REPORT

EN 13310

Kitchen sinks — Functional requirements and test methods

Report Reference No.....: 251112095GZU-001

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Engineer

Carlos Wei

Approved by (name and signature).....: Syanson Xu

Senior Project Engineer

Syanson Xu

Date of original issue: December 15, 2025

Date of revised issue: -----

Contents.....: Total test report 14 pages including:

Report text: 10 pages

Appendix A for product photos: 3 pages

Appendix B for revision page: 1 page

Testing Laboratory name: Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

Address: Room 4103 & 4203, No. 63, Punan Road, Huangpu District, Guangzhou, Guangdong Province, China

Testing location.....: Same as above

Applicant's name.....: [REDACTED]

Address: [REDACTED]



Test specification:

Standard: EN 13310:2015+A1:2018 (E)

Non-standard test method.....: N/A

Test Report Form No.....: TTRF_EN 13310_d

TTRF Originator: Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

Master TTRF: Dated 2024-05-07

Test item description: Stainless steel sink

Trade Mark: ---

Model and/or type reference: See "General product information" on page 2 to 4

Manufacturer: [REDACTED]

Rating(s).....: ---

Summary of testing:

The submitted samples were tested and found to **COMPLY WITH** applicable requirements of EN 13310:2015+A1:2018 (E).

Test item particulars:

Classification of installation and use.....: Preparation of food, washing of dishes and discharge of domestic wastewater

Supply Connection: —

Possible test case verdicts:

- Test case does not apply to the test object.....: N/A
- Test object does meet the requirement: P (Pass)
- Test object does not meet the requirement: F (Fail)

Testing:

Date of receipt of test item: November 11, 2025, November 21, 2025 and December 8, 2025

Date (s) of performance of tests: November 25, 2025 to December 9, 2025

General remarks:

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"(See remark #)" refers to a remark appended to the report.

"(See Appendix #)" refers to an appendix appended to the report.

When determining the test result, measurement uncertainty has been considered.

The clause which indicated with * is the subcontract test item.

All the test results if need to give the statement of conformity refer to the decision rule of ILAC G8:09/2019 Clause 4.2.1 "Binary Statement for Simple Acceptance Rule".

The revised report replaces the report of the previous version.

General product information:

Item No.	Factory Model	Client Model	Description	Size(mm)	Remark
1	BL-967	2070540	Stainless steel sink, single bowl without tap hole and with overflow hole, manufactured by SUS304 #0.6mm.	800*480*185	Tested model
2	BL-834	/	Stainless steel sink, single bowl without tap hole and with overflow hole.	800*480*185	Covered model
3	BL-846	/	Stainless steel sink, single bowl without tap hole and with overflow hole.	800*480*185	Covered model
4	BL-843	/	Stainless steel sink, single bowl without tap hole and with overflow hole.	800*480*185	Covered model
5	BL-900	2070541	Stainless steel sink, single bowl without tap hole and with overflow hole, manufactured by SUS304 #0.8mm.	450*450*180	Covered model
6	BL-830A	/	Stainless steel sink, single bowl without tap hole and with overflow hole.	422*422*180	Covered model
7	BL-871	/	Stainless steel sink, single bowl without	460*460*185	Tested

			tap hole and with overflow hole.		model
8	BL-604	2070542	Stainless steel sink, single bowl without tap hole and with overflow hole, manufactured by SUS304 #0.8mm.	480*430*180	Covered model
9	BL-603	/	Stainless steel sink, single bowl without tap hole and with overflow hole.	440*380*170	Covered model
10	BL-602	/	Stainless steel sink, single bowl without tap hole and with overflow hole.	370*330*160	Tested model
11	BL-601	/	Stainless steel sink, single bowl without tap hole and with overflow hole.	570*460*200	Covered model
12	BL-605	/	Stainless steel sink, single bowl without tap hole and with overflow hole.	495*450*180	Covered model
13	BL-613	/	Stainless steel sink, single bowl without tap hole and with overflow hole.	600*500*240	Covered model
14	BL-968	2070543	Stainless steel sink, single bowl without tap hole and with overflow hole, manufactured by SUS304 #0.8mm.	860*500*200	Covered model
15	BL-969	2070544	Stainless steel sink, double bowls without tap hole and with overflow hole, manufactured by SUS304 #0.8mm.	970*500*200	Tested model
16	BL-933	/	Stainless steel sink, double bowls without tap hole and with overflow hole.	1180*480*185	Tested model
17	BL-913	/	Stainless steel sink, double bowls without tap hole and with one overflow hole.	1180*480*185	Covered model
18	BL-812	/	Stainless steel sink, double bowls without tap hole and with overflow hole.	820*500*180	Covered model
19	BL-813	/	Stainless steel sink, double bowls without tap hole and with overflow hole.	760*460*175	Covered model
20	BL-898	/	Stainless steel sink, double bowls without tap hole and with overflow hole.	860*500*180	Covered model
21	BL-807	/	Stainless steel sink, double bowls without tap hole and with overflow hole.	800*440*155	Covered model
22	BL-808C	/	Stainless steel sink, double bowls without tap hole and with overflow hole.	800*480*220	Covered model
23	BL-828	/	Stainless steel sink, double bowls without tap hole and with overflow hole.	850*460*185	Covered model
24	BL-982	/	Stainless steel sink, double bowls without tap hole and with overflow hole.	750*440*195	Covered model
25	BL-675	/	Stainless steel sink, double bowls without tap hole and with overflow hole.	650*440*200	Covered model
26	BL-676	/	Stainless steel sink, double bowls without tap hole and with overflow hole.	700*440*200	Covered model
27	BL-780	/	Stainless steel sink, single bowl with one tap hole and overflow hole.	540*500*200	Covered model
28	BL-770	/	Stainless steel sink, single bowl with one tap hole and overflow hole.	380*500*195	Covered model

29	BL-778	/	Stainless steel sink, single bowl with one tap hole and overflow hole.	440*500*200	Covered model
30	BL-779	/	Stainless steel sink, single bowl with one tap hole and overflow hole.	490*500*200	Covered model
31	BL-691	/	Stainless steel sink, double bowls with one tap hole and overflow hole.	750*500*200	Covered model
32	BL-688	/	Stainless steel sink, double bowls with one tap hole and overflow hole.	590*500*200	Covered model
33	BL-689	/	Stainless steel sink, double bowls with one tap hole and overflow hole.	650*500*200	Covered model
34	BL-690	/	Stainless steel sink, double bowls with one tap hole and overflow hole.	700*500*200	Tested model
35	BL-692	/	Stainless steel sink, double bowls with one tap hole and overflow hole.	810*500*200	Covered model
36	BL-693	/	Stainless steel sink, double bowls with one tap hole and overflow hole.	870*500*200	Covered model
37	BL-694	/	Stainless steel sink, double bowls with one tap hole and overflow hole.	860*500*200	Covered model
38	BL-695	/	Stainless steel sink, double bowls with one tap hole and overflow hole.	910*500*200	Tested model
39	BL-686	/	Stainless steel sink, single bowl with one tap hole and overflow hole.	760*500*220	Covered model
40	BL-685	/	Stainless steel sink, single bowl with one tap hole and overflow hole.	660*500*220	Covered model
41	BL-687	/	Stainless steel sink, single bowl with one tap hole and overflow hole.	860*500*240	Tested model
42	BL-627	/	Stainless steel sink, single bowl without tap hole and with overflow hole.	800*500*220	Tested model

Remark: The covered models were same as tested models in structure, materials and manufacturer process, just different in size and/or location of outlet and/or tap hole and/or drain board pattern.

EN 13310			
Clause	Requirement - Test	Result - Remark	Verdict
4	Characteristics		
4.1	General Instructions for installation, use and care shall be supplied. Annex A gives advice on the care and use of kitchen sinks which can be included in the instructions for use and care. NOTE The manufacturer's declaration of conformity with applicable European Directives is made in his instructions for use and care on materials intended to come into contact with foodstuffs (see Bibliography).	Complied	P
4.2	Connecting dimensions The connecting dimensions shall meet the requirements specified in EN 695.	The submitted sample met the requirement of EN695.	P
4.3	Draining of water When tested in accordance with 5.2 all surfaces of the kitchen sink shall be inclined towards the bowl(s) and/or outlet(s) to ensure the drainage of water. The requirement shall apply only to the bowl and the draining area (if applicable). The requirement shall not apply to tap platforms.	No water remained.	P
4.4	Resistance to dry heat The test is intended to determine the suitability of kitchen sink surfaces where contact with moderately hot cooking pots is to be expected. When tested in accordance with 5.3, or alternatively at a temperature of 180 °C in accordance with ISO 4211-3, the kitchen sink shall not show surface changes which influence its usage, e.g. cracks, crazing, through cracks, blistering. Experience has shown that kitchen sinks made of glazed ceramics and stainless steel comply with this characteristic.	No surface change after test	P
4.5	Resistance to temperature changes When tested in accordance with 5.4, the kitchen sink shall not show surface changes which influence its intended usage, e.g. cracks, de-lamination. Experience has shown that kitchen sinks made of glazed ceramics and stainless steel comply with this characteristic.	No surface change after test	P

EN 13310			
Clause	Requirement - Test	Result - Remark	Verdict
4.6	Resistance against chemicals and staining agents Kitchen sinks, when used as intended, shall be resistant to household chemicals, foodstuffs and cleansing agents. When tested in accordance with 5.5, the kitchen sinks shall not show any permanent surface deterioration, such as stains or deterioration which are not removable with water or abrasive agents.	No surface change after test	P
4.7	Surface stability		
4.7.1	Resistance to scratching This characteristic is applicable only to multi-layer kitchen sinks to ensure the stability of the top layer. When tested in accordance with 5.6, any scratch shall not exceed 0,1 mm and/or the total depth of the top layer whichever is the least. Experience has shown that kitchen sinks made of glazed ceramics and stainless steel comply with this characteristic.	Complied	P
4.7.2	Resistance to abrasion This characteristic is applicable only to multi-layer kitchen sinks to ensure the stability of the top layer. When tested in accordance with 5.7, the top layer of the test specimen shall not be abraded through. Experience has shown that kitchen sinks made of glazed ceramics and stainless steel comply with this characteristic.	Complied	P
4.8	Load stability When tested in accordance with 5.8, the wall-hung sink shall not crack, fall down or show permanent distortion.		N/A

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Clause	Requirement - Test	Result - Remark		Verdict
4.9	Flow rate of the overflow Every kitchen sink shall be protected against overflowing. When tested in accordance with 5.9, the flow rate of the overflow shall not be less than 0,20 l/s. NOTE In kitchen sinks with two or more bowls, it is possible to have only one overflow if the overflow from one bowl is interconnected to the other. A non-closeable outlet can also be used as an overflow.	Model no.	Overflow rate (L/s)	P
		BL-967	0.27	
		BL-871	0.23	
		BL-602	0.23	
		BL-969	0.26	
		BL-933	0.26	
		BL-690	0.26 (left bowl) / 0.25 (right bowl)	
		BL-695	0.26 (left bowl) / 0.25 (right bowl)	
		BL-687	0.25	
		BL-627	0.28	
4.10	Durability Kitchen sinks conforming to the characteristic of 4.3 to 4.8 are deemed to be durable.	Complied		P
6	Dangerous substances	Informative		—
7	Marking	The manufacturer shall carry out conformity marking of the product according to this standard and relevant EU regulation.		—
8	Assessment and verification of constancy of performance – AVCP			
8.1	General The compliance of kitchen sinks with the requirements of this standard and with the performances declared by the manufacturer in the DoP shall be demonstrated by: — determination of product type (see 8.2); — factory production control by the manufacturer, including product assessment (see 8.3). 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
8.2	Type testing			

EN 13310			
Clause	Requirement - Test	Result - Remark	Verdict
8.2.1	General 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
8.2.2	Test samples, testing and compliance criteria The number of samples of kitchen sinks to be tested/assessed shall be in accordance with Table 3.		P
8.3	Factory Production Control (FPC)		
8.3.1	General 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.	The applicant supplied ISO 9001 certificate.	P
8.3.2	Equipment		
8.3.2.1	Testing All weighing, measuring and testing equipment shall be calibrated and regularly inspected in accordance with the documented procedures, frequencies and criteria.	The applicant supplied ISO 9001 certificate.	P
8.3.2.2	Manufacturing 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 should 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.	The applicant supplied ISO 9001 certificate.	P
8.3.3	Raw materials and components 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.	The applicant supplied ISO 9001 certificate.	P

EN 13310			
Clause	Requirement - Test	Result - Remark	Verdict
8.3.4	Product testing and evaluation The manufacturer shall establish and document procedures to ensure that the stated values of all of the characteristics are maintained.	The applicant supplied ISO 9001 certificate.	P
8.3.5	Non-complying products 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. 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. Once the fault has been corrected, the test or verification in question shall be repeated. 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. 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.	The applicant supplied ISO 9001 certificate.	P
8.3.6	Corrective action The manufacturer shall have documented procedures that instigate action to eliminate the cause of nonconformities in order to prevent recurrence.	The applicant supplied ISO 9001 certificate.	P

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EN 695				
Clause	Requirement - Test	Result - Remark		Verdict
4	Waste outlet holes The connecting dimensions for waste outlet holes shall comply with the requirements given in Table 1 except when the waste outlets are supplied by the manufacturer together with the kitchen sink.	The submitted sample was matched a suitable waste fitting.		P
5	Fitting area for tap holes			
5.1	Fitting area for a single tap hole The fitting area for the single tap hole shall comply with the requirements given in Table 2.	Only for model BL-687		P
		Symbol (mm)	Dimensions (mm)	
		d ₂ (34~37)	35.0	
		d ₃ (≥64)	65.0	
		s (≤18)	2.8	
		r (≥25)	32.0	
		r ₁ (≥30)	33.0	
		x (≤5)	5.0	
		g ₁	65.0	
5.2	Fitting area for the two-hole mixer tap The fitting area for the two-hole mixer tap shall comply with the requirement given in Table 3.			N/A
6	Overflow holes Overflow holes, if provided, shall meet the requirements of Table 4 except when the overflow and its pipework is supplied by the manufacturer together with the kitchen sink or for kitchen sinks with an integral overflow.	The overflow and its pipework were supplied by the manufacture together with the kitchen sink.		P

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Appendix A
Product photos



BL-602 Top view



BL-602 Bottom view



BL-627 Top view



BL-627 Bottom view



BL-687 Top view



BL-687 Bottom view



BL-690 Top view



BL-690 Bottom view



BL-695 Top view



BL-695 Bottom view



BL-871 Top view



BL-871 Bottom view



BL-933 Top view



BL-933 Bottom view



BL-967 Top view



BL-967 Bottom view



BL-969 Top view



BL-969 Bottom view

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Appendix B
Revision page

Revision No.	Date	Changes	Author	Reviewer
R0	/	First issue	/	/

*****End of this report*****

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