

EXCEL HARDWARE PTE. LTD.
10 ADMIRALTY ST, #03-52/51/50/35 NORTHLINK BUILDING,SINGAPORE 757695

Sample Description : SUS304 STAINLESS STEEL DISH RACK
Item No. : E007-304-900

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 : Aug 30, 2022
Test Performing Date : Aug 30, 2022 to Sep 08, 2022
Test Performed : Selected test(s) as requested by applicant

Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	Loading Capacity of dish tray	PASS	/
For further details, please refer to the following page(s)			

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



Kitty Kang
Authorized Signatory

scan to see the report



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TESTS AND RESULTS

Test Conducted:

Loading Capacity of dish tray

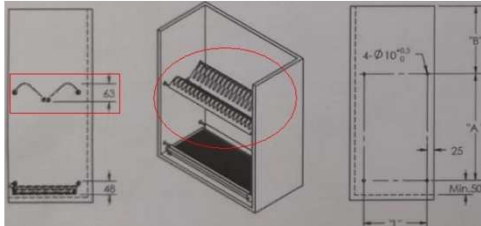
Sample Information:

Tested sample: #A, #A'

For more sample information and pictures, please refer to the following page.

Tested Result:

Details shown as following table.

Test Property	Test Methods	Test Principle/Requirements	Result	Rating
Loading Capacity of dish tray	SGS In-House Method and Clients' requirements / SGS-TM-HL-00059-2208F016FTA	<p>A matched cabinet box should be used to install the sample according to the manufacturer's instruction or the client's requirements.</p> <p>Conduct the tests in the following sequence.</p> <p>a) Apply 1.5 times claim load on the loading surface with distributed loads for 60 minutes. Measure and record the deformation (height changes) of the middle point of the front rail. The sample shall still withstand the load without collapse after the test.</p> <p>b) Keep the above distributed load and increase the loads gradually and carefully until collapse occurs. Record the total load before the collapse. Stop increasing the load if the total load reaches 5 times claimed load and maintain for additional 15 minutes. Remove all the loads, then check and record the integrity of structure or any damage.</p> <p>The client's special requirements: To compare the performances between two different assemblies. The above tests shall be conducted separately with new sample in each of following conditions.</p> <p>1) Install the sample through four 10 mm holes on two lateral panels of cabinet.</p> <p>2) Install the sample through four 10 mm holes and two plastic holders on two lateral panels of cabinet.</p> 	<p>M</p> <p>C: 40 kg; R: 60 kg;</p> <p>1) Sample #A: a) Height before testing: 252.0 mm Height after 1.5 times loading: 218.0 mm Deformation: 34.0 mm b) 90 kg (2.25 times claimed load)</p> <p>2) Sample #A': a) Height before testing: 399.8 mm Height after 1.5 times loading: 379.0 mm Deformation: 20.8 mm b) 118 kg (2.95 times claimed load)</p> <p>See following pictures for details.</p>	PASS

Remark:

- NA =Not Applicable; NT=Not Tested; NR=Not Requested to test as per client's requirements.
M=Meets; NM=Does Not Meet; C=Claimed; R=Recorded.
P=PASS=Compliant with the requirements; F=FAIL= Incompliant with the requirements.



Sample Information:

Sample	Overall Dimensions	Net Weight	Other Information
#A	Length: 880.1 mm Width: 293.9 mm	854.8 g	Dish tray
#A'	Length: 880.1 mm Width: 293.9 mm	876.1 g	Dish tray + 2 plastic holders

Picture Appendix:



Exhibit #1. Sample #A as received



Exhibit #2. Sample #A as received

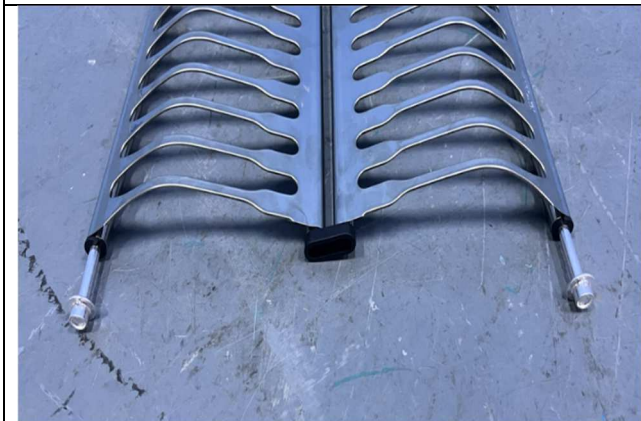


Exhibit #3. Sample #A as received



Exhibit #4. Sample #A assembly before test





Exhibit #5. 1.5 times claimed loading



Exhibit #6. Collapse occurred



Exhibit #7. Damage detected



Exhibit #8. Damage detected



Exhibit #9. Sample #A' as received



Exhibit #10. Sample #A' as received





Exhibit #11. Plastic holders



Exhibit #12. Plastic holders



Exhibit #13. Sample #A' assembly before test



Exhibit #14. 1.5 times claimed loading



Exhibit #15. Collapse occurred



Exhibit #16. Damage detected





Exhibit #17. Damage detected



Exhibit #18. Damage detected



Exhibit #19. Damage detected



Exhibit #20. Damage detected

End of Report



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