

## Test Report

No.: SDHL1711024280FT

Date: Nov.24, 2017

Page 1 of 5

HAINING SHENGYAN HARDWARE CO., LTD  
NO.12 LIANCHENG ROAD, YANGUAN TOWN, HAINING CITY, ZHEJIANG PROVINCE, CHINA

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

Sample Description : FULL EXTENSION UNDERMOUNT DRAWER SLIDE WITH SOFT-CLOSING  
 Manufacturer : HAINING SHENGYAN HARDWARE CO., LTD  
 Sample Receiving Date : Nov.14, 2017  
 Test Performing Date : Nov.14, 2017 to Nov.24, 2017

### Test Result Summary

Test(s) Requested	Result(s)
Partial tests of BS 6222-- 2:2009 (Grade H)	PASS

#### Summary:

1. For further details, please refer to the following page(s).

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



Hary Nie  
Approved signatory



SGS-CSTC (Shunde) Technical Services Co., Ltd.  
Shunde Branch Harimies

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**TESTS AND RESULTS**

**Test Conducted:**

Partial tests of BS 6222-- 2:2009 Domestic kitchen equipment - part 2- Fitted kitchen units, peninsular units, island units and breakfast bars - Performance requirements and test methods.

**General Test Condition:**

The following test program was conducted in a laboratory environment maintained at 15°C to 25°C and 50%±5 RH. The sample was individually tested after conditioning in the test environment for at least 24 hours prior to conducting the test.

The complete detailed procedures may be found in the referenced specification and are only summarized herein. Unless otherwise specified, the tests are carried out in the following order the same sample.

**Test level:** Grade H.

**No. of Sample:**

1 set (Sample 1). For more sample information and pictures, please refer to the following page.

Test and Requirements	Test Results
<p><b>ISO 7170 Clause 7.5.2 Strength of extension elements</b>                      Open the extension element to its open stops, or if there are no open stops, to the point at which one-third of the inside length (depth) of the extension element, or at least 100mm, remains inside the unit. Apply the vertical downwards static force 300N on one top corner of the extension element front. Repeat 10 times.                      There shall be no any damage and loss of serviceability after test.</p>	<p>PASS</p>
<p><b>ISO 7170 Clause 7.5.3 Durability of extension elements</b>                      Load the extension element as specified (30kg). Without impacting the stops, or providing vertical support, open and close the extension element gently for 50000 cycles. Extension elements that do not have open stops shall be opened to a point at which one-third of the inside length (depth) of the extension element, or at least 100mm, remains inside the unit. If the extension element has a catch device at any position, this shall be allowed to operate at each cycle. The force shall be applied via the handle or, in case of two handles, in the middle between the handles. On extension elements without a handle, apply the force at the same level as the runners.                      The extension element shall be opened / closed gently at a rate of 6 to 15 cycles per minute.                      There shall be no any damage and loss of serviceability after test.</p>	<p>PASS</p>
<p><b>ISO 7170 Clause 7.5.4 Slam open/shut test of extension elements</b>                      The slam-open part of the test is applicable only to extension elements fitted with stops in the open position.                      Load the extension elements as specified. Open the extension element 300mm, or fully open it if it can not be opened 300mm. Extension elements without stops in the open position shall be opened until 100mm remains inside the unit. Slam shut the extension element 10 times using the velocities specified. The slamming force shall act until 10mm before the extension element reaches its end travel.                      Apply the force to the handle or, in case of two handles, in the middle between the handles. On extension elements without a handle, apply the force at the same level as the runners. Carry out slam open according to the same principle as above, if the extension element is fitted with stops in the open position.                      There shall be no any damage and loss of serviceability after test.</p>	<p>PASS</p>



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Test and Requirements	Test Results
<p><b>ISO 7170 Clause 7.5.5 Displacement of extension elements bottoms</b>                      Place the extension element on its runners or suspend it in a similar way, and load it according to Table 1.                      Apply a static force 70N approximately 25mm above the bottom of the extension element, acting at the middle of the front and back of the extension element. Apply the force 10 times.                      There shall be no any damage and loss of serviceability after test.</p>	<p>PASS</p>

**Remark:**

1. The test level Grade H was specified by applicant;
2. The loading capacity specified by applicant is 30 kg;
3. Only partial tests relevant to slides of BS 6222-- 2:2009, which were requested by applicant, were performed;
4. An unit with the slides to be well mounted was submitted for test;
5. For the sample information and pictures, please refer to the following page.



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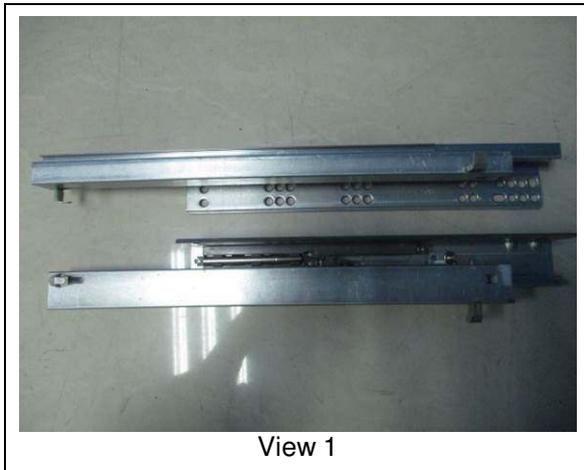
**SAMPLE INFORMATION AND PICTURES**

**Weight:** Slide: 834.2 g / piece, drawer: 2.50 kg

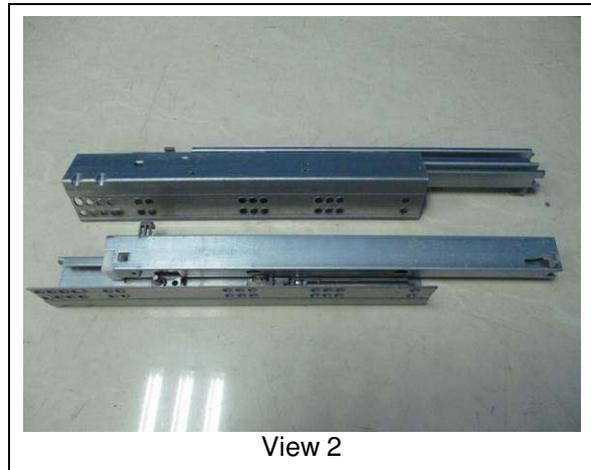
**Overall Dimensions:** Slide: 402 mm in Length, cabinet: 352 mm W x 447 mm D x 150 mm H, Drawer: 310 mm W x 390 mm D x 90 mm H.

**Other Dimensions:** /

**Sample as Received**



View 1



View 2



View 3



View 4





Unit -- View 5



Unit -- View 6

\*\*\*End of Report\*\*\*

