

# Test Report

No.: SDHL2003002200FT

Date: May 27, 2020

Page 1 of 6

FOSHAN AOLISHENG HARDWARE CO., LTD  
 GUANGDONG, FOSHAN, ROOM 1019-1, AREA A, YUNENG DIGITAL PLAZA, NO.46,  
 SOUTH OF LISHUI AVENUE, LISHUI TOWN, NANHAI DISTRICT

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

Sample Description : 76MM WIDTH SLIDE  
 Sample Receiving Date : Mar.13, 2020  
 Sample Resubmission Date : May 13, 2020  
 Test Performing Date : Mar.13, 2020 to May 26, 2020

### Test Result Summary

Test(s) Requested	Result(s)
Slide durability test with reference to clause 10 and pull force test with reference to clause 19 of ANSI/BIFMA X5.5-2014	PASS
ISO 9227:2017 (NSS, 5% concentration, 24 hours)	Grade 2

#### Summary:

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

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



Bill Wang  
 Approved signatory

scan to see the report



SDHL2003002200FT



SGS-CSTC Inspection & Testing Services Shunde Branch  
 Shunde Branch Harbin

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 中国·广东·佛山市顺德区大良街道办事处五沙顺和南路1号欧洲工业园一号厂房首层 邮编: 528333 t (86-757)22805888 f (86-757)22805858 e sgs.china@sgs.com

TESTS AND RESULTS

**Part I. Test Conducted:**

Slide durability test with reference to clause 10 and pull force test with reference to clause 19 of ANSI/BIFMA X5.5-2014.

**No. of Sample:**

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

Test and Requirements	Test Results
<p><b>Slide durability test</b>                      An test frame on which the pair of tested sliders was mounted shall be loaded with the specified load. A cycling device was attached to the test frame. The cycling device shall be set to cause the test frame to travel within 5 to 8 mm of the closed position to 5 to 8 mm of the fully extended position and return. This amount of travel shall constitute one cycle. The cycling device shall not support or add vertical or horizontal loads to the suspensions. The cycling device shall be operated at a rate of 12 ± 4 cycles per minute. The test frame shall be subjected to 60,000 cycles. The suspensions shall not be cleaned or lubricated during the test.                      During and after test, there shall be no loss of serviceability.</p>	<p>PASS</p>
<p><b>Pull Force Test</b>                      Load the slide with 220 kg. Open the test frame from its fully closed position to its fully extended position while measuring the maximum force. The applied force shall not exceed 50 N.</p>	<p>PASS (Actual: 36.5 N)</p>

**Remark:**

1. The total load of 180 kg, cyclic number of 60,000 cycles (durability test) and total load of 220 kg (pull force test) is specified by applicant;
2. The test frame is provided by applicant with the dimension of testing plate is 380 mm (W) x 450 mm (D);



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**Part II. Test Conducted:**

ISO 9227:2017 Corrosion Tests in Artificial Atmospheres — Salt Spray Tests.

**No. of Sample:**

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

1. General Information:		
Test Method: Neutral Salt Spray		
- Concentration of NaCl Solution: 5%		
- pH of Salt Solution: 6.5~7.2		
- Measure of the salt fog fall: (1.5 ± 0.5)ml/(80cm <sup>2</sup> •h)		
- Test Duration: 24 hours		
- Test Temperature: (35 ± 2) °C		
2. Observation Rating (Evaluating based on ISO 10289:1999)		
1. The observation rating is based on ISO 10289:1999 which is just method standard. Pass and Fail criteria will depend on buyer's acceptable specifications. 2. The observation rating is based on the 11-step scale of 0 to 10, where 0 is bad and 10 is good.	Rating (R <sub>P</sub> or R <sub>A</sub> )	Area of defects A (%)
	10	No defects
	9	0 < A ≤ 0.1
	8	0.1 < A ≤ 0.25
	7	0.25 < A ≤ 0.5
	6	0.5 < A ≤ 1.0
	5	1.0 < A ≤ 2.5
	4	2.5 < A ≤ 5.0
	3	5.0 < A ≤ 10
	2	10 < A ≤ 25
	1	25 < A ≤ 50
0	50 < A	
3. Test Results		
Specimen No.	Appearance Rating	
#1	Grade 2	

**Remark:**

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



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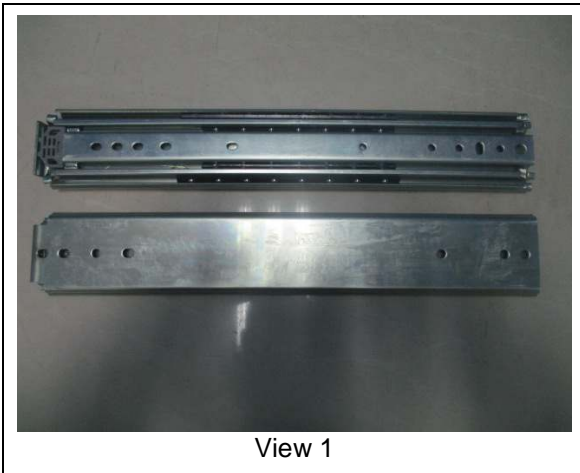
**SAMPLE INFORMATION AND PICTURES**

**Slide Weight:** 2155.7 g/piece

**Slide Overall Dimension:** 458 mm L x 75.44 mm W x 19.50 mm T

**Other Dimensions:** /

**Sample as Received**



View 1



View 2



View 3



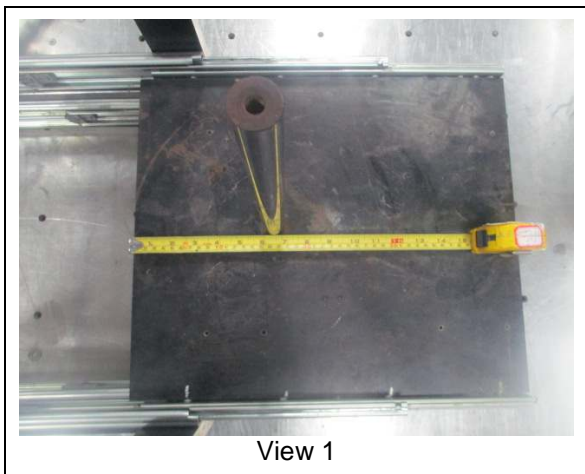
View 4



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**Test Pictures with Details**



View 1



View 2



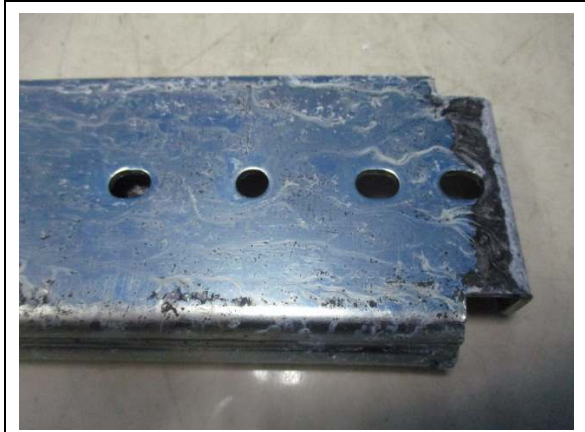
View 3



After the Salt Spray Test



View 1



View 2



View 3



View 4

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

