

Test Report

No.: SDHL1810024073FT

Date: Dec.04, 2018

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FO SHAN YUCHENG METAL PRODUCTS CO., LTD
XIBIAN TANG INDUSTRIAL ZONE, XIAN VILLAGE, DANZAO TOWN,
NANHAI, FOSHAN, GUANGDONG, CHINA

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

Sample Description : HF016 MECHANISM
Sample Receiving Date : Oct.23, 2018
Test Performing Date : Oct.23, 2018 to Dec.04, 2018

Test Result Summary

Test(s) Requested	Result(s)
Backrest Strength Test - Static - Type I and II & Tilt Mechanism Test – Cyclic of ANSI/BIFMA X5.1-2017	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.



Bill Wang
Approved signatory



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TESTS AND RESULTS

Test Conducted:

Backrest Strength Test - Static - Type I and II & Tilt Mechanism Test – Cyclic of ANSI/BIFMA X5.1-2017 General-Purpose Office Chairs – Tests.

No. of Sample:

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

Test and Requirements	Test Results
5 Backrest Strength Test - Static - Type I and II	
5.4.1 Functional Load There shall be no loss of serviceability to the chair when 667 N (150 lbf.) is applied to the backrest at the specified position for one (1) minute. With the backrest at its back stop position, apply a force that is initially 70 degrees \pm 10 degrees to the plane of the backrest. The force is not intended to be maintained at 70 degrees \pm 10 degrees throughout the loading of the backrest.	PASS
5.4.2 Proof Load There shall be no sudden and major change in the structural integrity of the chair, loss of serviceability is acceptable, when 1001 N (225 lbf.) is applied to the backrest at the specified position for one (1) minute. With the backrest at its back stop position, apply a force that is initially 70 degrees \pm 10 degrees to the plane of the backrest. The force is not intended to be maintained at 70 degrees \pm 10 degrees throughout the loading of the backrest.	PASS
9 Tilt Mechanism Test – Cyclic There shall be no loss of serviceability to the tilt mechanism after 300,000cycles at a rate between 10 and 30 cycles per minute under a 109kg (240lbs.) load to the center of the seat. <i>Note: This test shall be performed on Type I and Type II chairs with tilting backrests.</i>	PASS

Remark:

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



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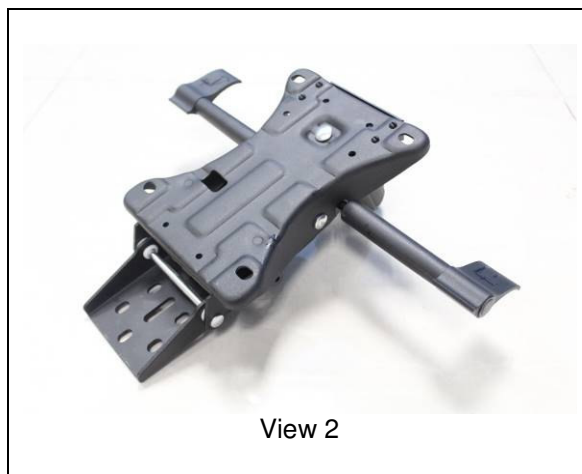
SAMPLE INFORMATION AND PICTURES

Weight: 4.0 kg

Overall Dimensions: 455 mm L x 346 mm W x 147 mm H

Other Dimensions: /

Sample as Received



End of Report



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