



ZHEJIANG FURNITURE TECHNOLOGY CO LTD

Technical Report: (6621)188-0310
Date Received: JUNE 25, 2021

JULY 8, 2021
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ZHEJIANG FURNITURE TECHNOLOGY CO LTD
XIAOYUAN VILLAGE (ANJI JIAO KEWEN XINQU), DIPU TOWN, ANJI
COUNTY, ZHEJIANG PROVINCE, CHINA

Sample Description:	OFFICE CHAIR	PO No.:	/
Manufacturer:	ZHEJIANG FURNITURE TECHNOLOGY CO LTD	Style No	3007
Buyer:	/	Country of Destination:	/
Country of Origin:	CHINA	SKU No.:	/
Color:	/	Previous Report No.:	/
Protocol No.:	/		

EXECUTIVE SUMMARY:

TEST REQUESTED	CONCLUSION	Remark
1) American National Standard for Office Furnishings-General-Purpose Office Chairs - ANSI/BIFMA X5.1-2017	PASS	/

REMARK:

The client specifies the test methods and requirements.



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BVCPS (SHANGHAI) GENERAL CONTACT INFORMATION FOR THIS REPORT

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BUREAU VERITAS

CONSUMER PRODUCTS SERVICE DIVISION (SHANGHAI)

Laboratory Test location:

No. 368, Guangzhong Road, Zhuanqiao Town, Minhang, Shanghai.

No. 168, Guanghua Road, Zhuanqiao Town, Minhang, Shanghai.

Hyde Bao

PRODUCT LINE MANAGER(HARDLINE DIVISION)

1. American National Standard for Office Furnishings-General-Purpose Office Chairs - ANSI/BIFMA X5.1-2017

Evaluation	Citation / Method	Criteria	Results	Rating
Backrest strength test - static - type I and II - functional load	ANSI/BIFMA X5.1-17 Sec. 5	There shall be no loss of serviceability to the chair when a force of 667 N (150lbf.) is applied to the backrest at the backstop position for one (1) minute.	M	PASS
Backrest strength test - static - type I and II - proof load	ANSI/BIFMA X5.1-17 Sec. 5	There shall be no sudden and major change in the structural integrity of the chair (Loss of serviceability is acceptable) when a force of 1001 N (225 lbf.) is applied to the backrest at the backstop position for one (1) minute.	M	PASS
Backrest strength test - static - type III - functional load	ANSI/BIFMA X5.1-17 Sec. 6	A functional load applied once shall cause no loss of serviceability to the chair when a force of 667 N (150 lbf.) is applied to the backrest at the backstop position for one (1) minute.	M	PASS
Backrest strength test - static - type III - proof load	ANSI/BIFMA X5.1-17 Sec. 6	A proof load applied once shall cause no sudden and major change in the structural integrity of the chair (Loss of serviceability is acceptable) when a force of 1001 N (225 lbf.) is applied to the backrest at the backstop position for one (1) minute.	M	PASS
Drop test - dynamic - functional load	ANSI/BIFMA X5.1-17 Sec. 7	There shall be no loss of serviceability when a test bag weighing 102 kg (225 lb.) is raised 152 mm (6 in.) above the uncompressed seat and released one time.	M	PASS
Drop test - dynamic - proof load	ANSI/BIFMA X5.1-17 Sec. 7	There shall be no sudden and major change in the structural integrity of the chair (Loss of serviceability is acceptable) when a proof load of 136 kg (300 lb.) is raised 152 mm (6 in.) above the uncompressed seat and released one time.	M	PASS
Arm strength test - vertical - static - functional load	ANSI/BIFMA X5.1-17 Sec. 12	There shall be no loss of serviceability when a force of 750 N (169 lbf.) is applied for one (1) minute.	M	PASS
Arm strength test - vertical - static - proof load	ANSI/BIFMA X5.1-17 Sec. 12	There shall be no sudden and major change in the structural integrity of the chair when a force of 1125 N (253 lbf.) is applied for 15 seconds	M	PASS
Arm strength test - horizontal - static - functional load	ANSI/BIFMA X5.1-17 Sec. 13	It shall cause no loss of serviceability when a force of 445 N (100 lbf.) is applied for one (1) minute in the outward direction.	NA	/
Arm strength test - horizontal - static - proof load	ANSI/BIFMA X5.1-17 Sec. 13	It shall cause no sudden and major change in the structural integrity of the unit (Loss of serviceability is acceptable) when a force of 667 N (150 lbf.) is applied for 15 seconds in the outward direction.	NA	/
Base test - static	Appendix C	A force of 11120N (2500lbf) shall be applied for one minute, remove the force repeat it again.	M	PASS



ANNEX I: SUBMISSION DESCRIPTION

Sample Description: OFFICE CHAIR

The overall dimension was recorded as:
70.9 cm (D) x 73.5 cm (W) x (110.0-127.5) cm (H)

Sample weight: 19.3 kg

ANNEX II: ADDITIONAL COMMENTS

- I. NA = Not applicable
- II. NC = Not conducted as per client request

EXHIBIT



END