



CONSUMER PRODUCTS SERVICES DIVISION

SHIJIAZHUANG DUDAO TRADING CO., LTD

Technical Report: (6622)332-1188
Date Received: NOV.29, 2022
Mod. Date: /

DEC.21, 2022
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BRUCE
SHIJIAZHUANG DUDAO TRADING CO.,LTD
D8-1-1303,BOYASHENGSHI,CHANG'AN
DISTRICT,SHIJIAZHUANG CITY,HEBEI PROVINCE

Sample Description: MI CHAIR METAL BASE
Manufacturer: DOHAUS
Buyer: /
Country of Origin: CHINA

PO No.: /
Style No D0011
Country of AMERICA
Destination:
SKU No.: /
Previous Report No.: /

Color: /
Protocol No.: /

TEST INFORMATION & EXECUTIVE SUMMARY

Evaluation To: For compliance with: -
BS EN 16139:2013 Furniture – strength, durability and safety requirements for non-domestic seating (LEVEL 2)

Standards Employed: As specified in above standard(s) and incorporated with
1. EN 1022:2018, Domestic furniture – seating – determination of stability
2. EN 1728:2012, Domestic furniture – seating –test methods for the determination of strength and durability

Conclusions: The tested sample COMPLIED with the above standard: BS EN 16139:2013 (LEVEL 2)

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)

SUMMARY OF EXAMINATION

Introduction:

An examination was requested to ascertain compliance with the requirement(s) as detailed on page one of this report. The following clauses were considered applicable and our findings were as follows:

BS EN 16139:2013			
Clause	Description	Result	*Comments
BS EN 16139: 2013 Clause 4.1	General safety	PASS	--
BS EN 16139: 2013 Clause 4.2.1	Shear and squeeze points when setting up and folding	NA	See note I
BS EN 16139: 2013 Clause 4.2.2	Shear and squeeze points under influence of powered mechanism	NA	See note I
BS EN 16139: 2013 Clause 4.2.3	Shear and squeeze points during use	PASS	--
BS EN 16139: 2013 Clause 4.3	Stability	PASS	See note II
BS EN 16139: 2013 Clause 4.4/ EN 1335-3:2009 Clause 7.4	Rolling resistance of the unloaded chair	NA	See note I
BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.4	Seat and back static load test	PASS	--
BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.5	Seat front edge static load test	PASS	--
BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.6	Vertical static load on back	PASS	--
BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.8, 6.9	Foot rest and leg rest static load test	NA	See note I
BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.10	Arm sideways static load test	NA	See note I
BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.11	Arm downwards static load test	NA	See note I
BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.13.1, 6.13.2	Vertical upwards static load on arm rests	NA	See note I
BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.17	Seat and back durability test	PASS	--
BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.18	Seat front edge durability test	PASS	--
BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.20	Arm durability test	NA	See note I
BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.21	Foot rest durability test	NA	See note I

BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.15	Leg forward static load test	PASS	--
BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.16	Leg sideways static load test	PASS	--
BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.24	Seat impact test	PASS	--
BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.25	Back impact test	PASS	--
BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.26	Arm impact test	NA	See note I
BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.27.1	Drop test (multiple seating)	NA	See note I
BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.14	Auxiliary writing surface static load test	NA	See note I
BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.22	Auxiliary writing surface durability test	NA	See note I
7	Information for use	NC	See note III

See Annex II: Comments

ANNEX I: SUBMISSION DESCRIPTION

Sample Description: MI CHAIR METAL BASE

The overall dimension was recorded as: 47.3cm (D) x 47.5cm (W) x 78.2cm (H)

Recorded Weight: 4.9kg

ANNEX II: ADDITIONAL COMMENTS

I NA = Not applicable.

II Detail results of EN 1022:2018

EN1022:2018(Experimental Method)			
Clause	Description	Result	*Comments
7.3	All seating	--	--
7.3.1	Forwards overturning	PASS	--
7.3.2	Forwards overturning for seating with foot rest	NA	See note I
7.3.3	Corner stability test	PASS	--
7.3.4	Sideways overturning. all seating without arm rests	PASS	--
7.3.5.2	Sideways with arm rests	NA	See note I
7.3.5.3	Seating with raised side edges	NA	See note I
7.3.6	Rearwards overturning all seating with back rests	PASS	--
7.4	Additional for seating with reclining back rests	--	--
7.4.2	Tilting seating	NA	See note I
7.4.3	Reclining seating with leg rest	NA	See note I
7.4.4	Reclining seating without leg rest	NA	See note I
7.4.5	Rearwards stability test for rocking chairs	NA	See note I
8.3	Loungers	--	--
8.3.1	Forwards overturning	NA	See note I
8.3.2	Sideways overturning	NA	See note I
7.3.6/7.4.3	Rearwards overturning	NA	See note I

III NC = Not Conducted as per client request

EXHIBIT



END