



CONSUMER PRODUCTS SERVICES DIVISION

ORN INTERNATIONAL

Technical Report: 66162310715
Date Received: AUG. 18, 2016
Mod. Date: /

SEP.01, 2016
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EDWYN TUNLEY
UNIT 15 BEAUMONT CLOASE, BANBURY,
OXFORDSHIRE OX16 1TP GREAT BRITAIN(UK)

Sample Description:	ROCHESTER CHAIR	PO No.:	/
Manufacturer:	/	Style No	V1000
Buyer:	/	Country of	UK
Country of Origin:	/	Destination:	/
Color:	/	SKU No.:	/
Protocol No.:	/	Previous Report 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 1)

Standards Employed: As specified in above standard(s) and incorporated with
1. EN 1022:2005, 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 COMPLIES with the above standard: BS EN 16139:2013 (LEVEL 1).

REMARK:

The client specifies the test methods and requirements.

SHA/TL/GL/H/AW

Bureau Veritas
Consumer Products Services, Inc.
(Lab Address)
(Telephone Fax)
website:cps.bureauveritas.com

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BVCPS (SHANGHAI) GENERAL CONTACT INFORMATION FOR THIS REPORT

1.

TELEPHONE NO 86-21-24166888
E-MAIL: bvcpshtoy.sh@cn.bureauveritas.com

**BUREAU VERITAS
CONSUMER PRODUCTS SERVICE DIVISION (SHANGHAI)**

ANDY WANG
SENIOR OPERATION 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	--
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	NR	See note III

ANNEX I: SUBMISSION DESCRIPTION

Sample Description: /

The overall dimension was recorded as: 45 cm (D) x52 cm (W) X 81 cm (H)

Recorded Weight: 3.6kg

ANNEX II: ADDITIONAL COMMENTS

- I NA = Not applicable.
- II Detail results of EN 1022:2005:

EN1022:2005(Experimental Method)			
Clause	Description	Result	*Comments
6.2	Forward overbalancing, all seating	PASS	--
6.3	Forward overturning for seating with footrest	NA	See note I
6.4	Sideways overbalancing, all seating without arms	PASS	--
6.5	Sideways overbalancing, all seating with arms	NA	See note I
6.6	Rearward overbalancing, all seating with backs	PASS	--
7.3	Tilting chairs	NA	See note I
7.4	Rocking chairs	NA	See note I
7.5	Reclining chairs with footrest	NA	See note I
7.6	Footrest test	NA	See note I
7.7	Reclining chairs without footrest	NA	See note I

- III NR = Not Requested as per client request



EXHIBIT



Report Number
(6616)231-0715

END