



**BUREAU
VERITAS**

CONSUMER PRODUCTS SERVICES DIVISION

SHARKOON TECHNOLOGIES GMBH

Technical Report: (6620)229-0129
Date Received: OCT.21, 2020
Mod. Date: /

NOV.23, 2020
Page 1 of 8

SERENA HSIEH
SHARKOON TECHNOLOGIES GMBH
GRUNINGER WEG 48, 35415 POHLHEIM, GERMANY

Sample Description:	SHARKOON SKILLER SGS40, SGS40 FABRIC		
Manufacturer:	/	PO No.:	/
Buyer:	/	Style No	SHARKOON SKILLER SGS40, SGS40 FABRIC
Country of Origin:	CHINA	Country of Destination:	WORLDWIDE
Color:	BLACK, BLACK/GREY	SKU No.:	/
Protocol No.:	/	Art. No.:	/

	TEST REQUESTED	CONCLUSION	Remark
1)	EN 1335-1 + AC: 2002, Office chair – office work chair – Part 1: dimensions – Determination of dimensions	DATA	-
2)	EN 1335-2: 2018, Office chair – office work chair – Part 2: safety requirements (Excluding Clause 8 4.4.7 - BS EN 1022:2018 7.4, Rearwards overturning for chairs with back rest inclination)	PASS	-
3)	Loading Test	PASS	-

REMARK:

The client specifies the test methods and requirements.

SHA/TL/GL/H/AW

Bureau Veritas
Consumer Products Services (Shanghai)
No. 168, Guanghua Road, Zhuanqiao Town,
Minhang, Shanghai, China.
Post Code: 201108
Tel: 86-21-24166888 Fax: 86-21-64891984
Http : www.cps.bureauveritas.com

This report is governed by, and incorporates by reference, CPS Conditions of Service as posted at the date of issuance of this report at <http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions> and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

The content of this PDF file is in accordance with the original issued reports for reference only.
This Test Report cannot be reproduced, except in full, without prior written permission of the company.



BVCPS (SHANGHAI) GENERAL CONTACT INFORMATION FOR THIS REPORT

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

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 DIVISON)

Test Results are Listed As Below:

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:

EN 1335-1: 2000 + AC: 2002				
Item	Dimension Requirement			Result
	Type A	Type B	Type C	
Seat height a	Min.: ≤420 mm Max.: ≥510 mm	Min.: ≤420 mm Max.: ≥510 mm	Min. ≤420 mm Max. ≥480 mm	Min: 420 mm Max: 500 mm
Adjustment range	Min.120 mm	Min.100 mm	Min. 80 mm	Range: 80 mm
Seat depth b				
Non adjustable	NA	380mm to 440mm	Min.:380 mm	555 mm
Adjustable	Min.: ≤400 mm Max.: ≥420 mm	Min.: ≤400 mm Max.: ≥420 mm	Can be adjusted to 400 mm	
Adjustment range	Min.: 50 mm	Min.: 50 mm	No requirement	
Depth of seat surface c	Min.:380 mm	Min.:380 mm	Min.:380 mm	570 mm
Seat width d	Min.:400 mm	Min.:400 mm	Min.:400 mm	570 mm
Inclination of seat surface e				
Non adjustable	NA	-7° to -2°	-7 ° to -2°	
Adjustable	Max.: ≥ -7° ("direction) Min.: ≤ -2° ("direction)	Max.: ≥ -7° ("direction) Min.: ≤ -2° ("direction)	Max.: ≥ -7° ("direction) Min.: ≤ -2° ("direction)	Max. - 15 ° Min. - 9 °
Adjustment range	Min.: 6°	No requirement	No requirement	
Height of the back supporting point "S" above the seat surface f				
Non adjustable	NA	170mm to 220mm	170mm to 220mm	210mm
Adjustable	Min.: ≤170 mm Max.: ≥220 mm	Min.: ≤170 mm Max.: ≥220 mm	No requirement	
Adjustment range	Min.: 50 mm	Min.: 50 mm	No requirement	
Height of the back pad g				

EN 1335-1: 2000 + AC: 2002				
Non adjustable	Min.260 mm	Min.260 mm	Min.260 mm	850 mm
Adjustable	Min.220 mm	Min.220 mm	No requirement	
Height of the upper edge of the back rest above the seat surface h	Min.360 mm	Min.360 mm	Min.360 mm	850 mm
Back rest width i	Min.360 mm	Min.360 mm	Min.360 mm	590 mm
Horizontal radius of the back rest k	Min.400 mm	Min.400 mm	Min.400 mm	>400 mm
Back rest inclination l	Min. 15°	Min. 15°	No requirement	15°
Length of arm rest n	Min.200 mm	Min.200 mm	Min.200 mm	270 mm
Width of arm rest o	Min.40 mm	Min.40 mm	Min.40 mm	100 mm
Height of arm rest above the seat p				
Non adjustable	200mm to 250mm	200mm to250mm	200mm to 250mm	
Adjustable	Min.: ≤200 mm Max.: ≥250 mm	Min.: ≤200 mm Max.: ≥250 mm	Min.: ≤200 mm Max.: ≥250 mm	Min.: 245 mm Max.: 318 mm
Distance from the front of the arm rests to the front edge of the seat surface q	Min.100 mm	Min.100 mm	Min.100 mm	Min. 100 mm
Clear width between the arm rests r	460mm to 510mm	460mm to 510mm	Min.460 mm	565 mm
Maximum offset of the underframe s	Max. 365 ¹	Max. 365 ¹	Max:460 ² +50mm	425 mm
Stability dimension t	Min.195mm	Min.195 mm	Min.195 mm	370 mm
Note: 1. if swivel castors are fitted the requirement is 415mm 2. x is the maximum horizontal distance between parts of the upper part of the chair and the axis of rotation				

EN 1335-2: 2018			
Clause	Description	Result	*Comments
4	Safety requirements	-	-
4.1	General	PASS	-
4.2	Shear and squeeze points	-	-
4.2.1	Shear and squeeze points under the influence of powered mechanisms	PASS	-
4.2.2	Shear and squeeze points during use	PASS	-
BS EN 1335-2:2018 5.1.6.1 BS EN 1728:2012 7.5	Armrest downward static load test – central	PASS	-
4.4	Stability during use (before)	-	-
BS EN 1335-2:2018 4.4.1 BS EN 1022:2018 7.3.3	Corner stability test	PASS	-
BS EN 1335-2:2018 4.4.2 BS EN 1022:2018 7.3.1	Forwards overturning	PASS	-
BS EN 1335-2:2018 4.4.3 BS EN 1022:2018 7.3.2	Forwards overturning for chair with footrest	NA	See note I
BS EN 1335-2:2018 4.4.4 BS EN 1022:2018 7.3.4	Sideways overbalancing, for chair without arm rests	NA	See note I
BS EN 1335-2:2018 4.4.5 BS EN 1022:2018 7.3.5.1 & 7.3.5.2	Sideways overbalancing, for chair, seating with arm rests	PASS	-
BS EN 1335-2:2018 4.4.6 BS EN 1022:2018 7.3.6	Rearwards overbalancing for chairs without back test inclination and for chairs with adjustable backrest inclination that can be locked	PASS	-
BS EN 1335-2:2018 4.4.7 BS EN 1022:2018 7.4	Rearwards overturning for chairs with back rest inclination	NC	See note II
BS EN 1335-2:2018 5.1.6.1 BS EN 1728:2012 7.5	Armrest downward static load test – central	PASS	-
BS EN 1335-2:2018 5.3 BS EN 1728:2012 6.30	Rolling resistance of the unloaded chair	PASS	-
5	Strength and durability	-	-
BS EN 1335-2:2018 5.1.1 BS EN 1728:2012 7.3	Combined seat and back static load test	PASS	-
BS EN 1335-2:2018 5.1.2 BS EN 1728:2012 7.4	Seat front edge static test	PASS	-
BS EN 1335-2:2018 5.1.3 BS EN 1728:2012 7.8	Foot rest static load	NA	See note I
BS EN 1335-2:2018 5.1.4 BS EN 1728:2012 7.9	Seat and back durability	PASS	-

STPE 1	Loading point A	PASS	-
STPE 2	Loading point C-B	PASS	-
STPE 3	Loading point J-E	PASS	-
STPE 4	Loading point F-H	PASS	-
STPE 5	Loading point D-G	PASS	-
BS EN 1335-2:2018 5.1.5 BS EN 1728:2012 7.10	Arm rest durability	PASS	-
BS EN 1335-2:2018 5.3 BS EN 1728:2012 6.30	Rolling resistance of the unloaded chair	PASS	-
BS EN 1335-2:2018 5.1.6.1 BS EN 1728:2012 7.5	Armrest downward static load test – central	PASS	-
4.4	Stability during use (after)	-	-
BS EN 1335-2:2018 4.4.1 BS EN 1022:2018 7.3.3	Corner stability test	PASS	-
BS EN 1335-2:2018 4.4.2 BS EN 1022:2018 7.3.1	Forwards overturning	PASS	-
BS EN 1335-2:2018 4.4.3 BS EN 1022:2018 7.3.2	Forwards overturning for chair with footrest	NA	See note I
BS EN 1335-2:2018 4.4.4 BS EN 1022:2018 7.3.4	Sideways overbalancing, for chair without arm rests	NA	See note I
BS EN 1335-2:2018 4.4.5 BS EN 1022:2018 7.3.5.1 & 7.3.5.2	Sideways overbalancing, for chair, seating with arm rests	PASS	-
BS EN 1335-2:2018 4.4.6 BS EN 1022:2018 7.3.6	Rearwards overbalancing for chairs without back test inclination and for chairs with adjustable backrest inclination that can be locked	PASS	-
BS EN 1335-2:2018 4.4.7 BS EN 1022:2018 7.4	Rearwards overturning for chairs with back rest inclination	NC	See note II
BS EN 1335-2:2018 5.1.6.1 BS EN 1728:2012 7.5	Armrest downward static load test – central	PASS	-
BS EN 1335-2:2018 5.3 BS EN 1728:2012 6.30	Rolling resistance of the unloaded chair	PASS	-

ANNEX I: SUBMISSION DESCRIPTION

Sample Description: SHARKOON SKILLER SGS40, SGS40 FABRIC

The overall dimension was recorded as:

(82.0~125.0) cm (D) x (79.0~81.0) cm (W) x (132.0~140.5) cm (H)

Sample weight: 24.4kg



ANNEX II: ADDITIONAL COMMENTS

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

3. Loading Test

Test Method	Description	Result	*Comments
Loading Test	In-house method Apply 1600 N*(150 kg/110 kg) = 2182 N vertical load onto the seat load position (per EN 1335) through seat loading pad. Repeat 10 cycles. No damage should be visual check after test.	PASS	-

EXHIBIT



END