



CONSUMER PRODUCTS SERVICES DIVISION

## SHARKOON TECHNOLOGIES GMBH

**Technical Report:** (6617)241-1073  
Date Received: AUG.24, 2017  
Mod. Date: /

AUG.30, 2017  
Page 1 of 7

SHARKOON TECHNOLOGIES GMBH  
SIEMENSSTRASSE 38, 35440 LINDEN, GERMANY

Sample Description:	SHARKOON SKILLER SGS2	PO No.:	/
Manufacturer:	SHARKOON TECHNOLOGIES GMBH	Style No	GAMING CHAIR/SGS2
Buyer:	SHARKOON	Country of	PAN EUROPE
Country of Origin:	CHINA	Destination:	
Color:	RED/BLUE/GREY/GREEN	SKU No.:	/
Protocol No.:	/	Previous Report No.:	/

### TEST INFORMATION & EXECUTIVE SUMMARY

Evaluation To: For compliance with -

1. EN 1335-1: 2001, Office chair – office work chair – Part 1: dimensions – determination of dimensions
2. EN 1335-2: 2009, Office chair – office work chair – Part 2: safety requirements

Standards Employed: As specified in above standard(s) and incorporated with

1. EN 1335-3: 2009, Office chair – office work chair – Part 3: test methods

Conclusions:

1. In addition to the result of seat height that the client has no requirement, the other results COMPLY with dimension requirement of type C.
2. The tested samples COMPLY with the above standard: EN 1335-2: 2009.

### REMARK:

The client specifies the test methods and requirements.



**BVCPS (SHANGHAI) GENERAL CONTACT INFORMATION FOR THIS REPORT**

TELEPHONE NO 86-21-24166888  
E-MAIL: [bvcpshtoy.sh@cn.bureauveritas.com](mailto:bvcpshtoy.sh@cn.bureauveritas.com)

BUREAU VERITAS  
CONSUMER PRODUCTS SERVICE DIVISION (SHANGHAI)

SIMON ZHANG  
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:

<b>1. EN 1335-1: 2001</b>				
<b>Item</b>	<b>Dimension Requirement</b>			<b>Result</b>
	<b>Type A</b>	<b>Type B</b>	<b>Type C</b>	
Seat height <b>a</b>	Min.: ≤420 mm Max.: ≥510 mm	Min.: ≤420 mm Max.: ≥510 mm	Min. ≤420 mm Max. ≥480 mm	NC
Adjustment range	Min. 120 mm	Min. 100 mm	Min. 80 mm	
Seat depth <b>b</b>				
Non adjustable	NA	380 mm to 440 mm	Min.:380 mm	445 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 <b>c</b>	Min.:380 mm	Min.:380 mm	Min.:380 mm	535 mm
Seat width <b>d</b>	Min.:400 mm	Min.:400 mm	Min.:400 mm	537 mm
Inclination of seat surface <b>e</b>				
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: -17.6° Min: -0.8° Range: 16.8°
Adjustment range	Min.: 6°	No requirement	No requirement	
Height of the back supporting point "S" above the seat surface <b>f</b>				
Non adjustable	NA	170 mm to 220 mm	170 mm to 220 mm	215 mm
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 <b>g</b>				
Non adjustable	Min.260 mm	Min.260 mm	Min.260 mm	828 mm
Adjustable	Min.220 mm	Min.220 mm	No requirement	
Height of the upper edge of the back rest above the seat surface <b>h</b>	Min.360 mm	Min.360 mm	Min.360 mm	820 mm

<b>1. EN 1335-1: 2001</b>				
Back rest width <b>i</b>	Min.360 mm	Min.360 mm	Min.360 mm	568 mm
Horizontal radius of the back rest <b>k</b>	Min.400 mm	Min.400 mm	Min.400 mm	513 mm
Back rest inclination <b>l</b>	Min. 15°	Min. 15°	No requirement	Max:67° Min: 83.8° Range: 16.8°
Length of arm rest <b>n</b>	Min.200 mm	Min.200 mm	Min.200 mm	250 mm
Width of arm rest <b>o</b>	Min.40 mm	Min.40 mm	Min.40 mm	87 mm
Height of arm rest above the seat <b>p</b>				
Non adjustable	200 mm to 250 mm	200 mm to 250 mm	200 mm to 250 mm	
Adjustable	Min.: ≤200 mm Max.: ≥250 mm	Min.: ≤200 mm Max.: ≥250 mm	Min.: ≤200 mm Max.: ≥250 mm	Max:255 mm Min: 183 mm
Distance from the front of the arm rests to the front edge of the seat surface <b>q</b>	Min.100 mm	Min.100 mm	Min.100 mm	112 mm
Clear width between the arm rests <b>r</b>	460 mm to 510 mm	460 mm to 510 mm	Min.460 mm	517 mm
Maximum offset of the underframe <b>s</b>	Max. 365 <sup>1</sup>	Max. 365 <sup>1</sup>	Max:372 <sup>2</sup> +50 mm	387 mm
Stability dimension <b>t</b>	Min.195 mm	Min.195 mm	Min.195 mm	258 mm
Note:				
1. if swivel castors are fitted the requirement is 415 mm				
2. x is the maximum horizontal distance between parts of the upper part of the chair and the axis of rotation				

<b>2. EN 1335-2: 2009</b>			
Clause	Description	Result	*Comments
4	General requirements	PASS	-
4.1	General design requirements	PASS	-
4.1.1	Corners and edges, trapping, pinching and shearing	PASS	-
4.1.2	Adjusting devices	PASS	-
4.1.3	connections	PASS	-
4.1.4	Avoidance of soiling	PASS	-
4.3	Stability during use (before)	PASS	-
EN 1335-3, 2009: 7.1.1	Front edge overturning	PASS	-
EN 1335-3, 2009: 7.1.2	Forwards overturning	PASS	-
EN 1335-3, 2009: 7.1.3	Forwards overturning for chairs with footrest	NA	See note I
EN 1335-3, 2009: 7.1.4	Sideways overturning for chairs without arm rests	NA	See note I
EN 1335-3, 2009: 7.1.5	Sideways overturning for chairs with arm rests	PASS	-
EN 1335-3, 2009: 7.1.6	Rearwards overturning for chairs without back rest inclination	PASS	-
EN 1335-3, 2009: 7.1.7	Rearwards overturning for chairs with adjustable back rest inclination	PASS	-
4.4	Rolling resistance of the unloaded chair	PASS	-
4.5	Strength and durability	PASS	-
EN 1335-3, 2009: 7.2.1	Seat front edge static load test	PASS	-
EN 1335-3, 2009: 7.2.2	Combined seat and back static load test	PASS	-
EN 1335-3, 2009: 7.3.1	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	-
EN 1335-3, 2009: 7.2.6	Foot rest static load test	NA	See note I
EN 1335-3, 2009: 7.3.2	Arm rest durability	PASS	-
EN 1335-3, 2009: 7.2.3	Arm rest downward static load test(before)	PASS	-
4.3	Stability during use (after)	PASS	-
EN 1335-3, 2009: 7.1.1	Front edge overturning	PASS	-
EN 1335-3, 2009: 7.1.2	Forwards overturning	PASS	-
EN 1335-3, 2009: 7.1.3	Forwards overturning for chairs with footrest	NA	See note I
EN 1335-3, 2009: 7.1.4	Sideways overturning for chairs without arm rests	NA	See note I
EN 1335-3, 2009: 7.1.5	Sideways overturning for chairs with arm rests	PASS	-
EN 1335-3, 2009: 7.1.6	Rearwards overturning for chairs without back rest inclination	PASS	-



EN 1335-3, 2009: 7.1.7	Rearwards overturning for chairs with adjustable back rest inclination	PASS	-
EN 1335-3, 2009: 7.2.3	Arm rest downward static load test (after)	PASS	-
4.4	Rolling resistance of the unloaded chair	PASS	-

#### **ANNEX I: SUBMISSION DESCRIPTION**

Sample Description: SHARKOON SKILLER SGS2

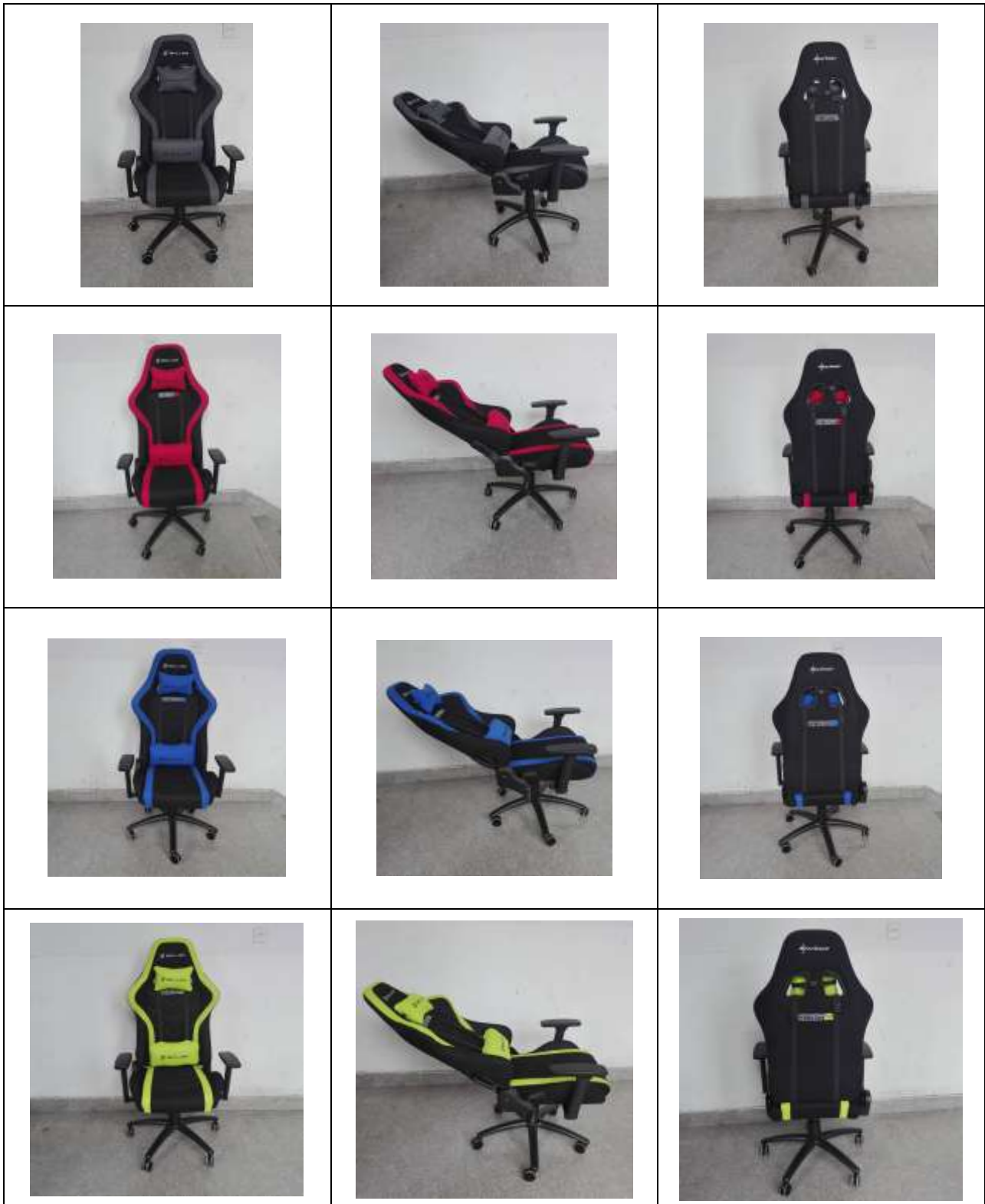
Overall dimensions: 71.7 cm x 74.8 cm x (126.0~135.5) cm (Depth x Width x Height)

Weight: 22.36 kg

#### **ANNEX II: ADDITIONAL COMMENTS**

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

EXHIBIT



END