SHARKOON TECHNOLOGIES GMBH

Technical Report: **(6617)227-1317** AUG.17, 2017
Date Received: AUG.14, 2017 Page 1 of 8
Mod. Date: /

SHARKOON TECHNOLOGIES GMBH
SIEMENSSTRASSE 38,35440 LINDEN,GERMANY

Sample Description:	SHARKOON SKILLER SGS1		
Manufacturer:	SHARKOON TECHNOLOGIES GMBH	PO No.:	/
Buyer:	SHARKOON	Style No	GAMING CHAIR/SGS1
Country of Origin:	CHINA	Country of Destination:	PAN EUROPE
Color:	BLACK/BLUE/GREEN/RED/ GREY	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. The tested samples COMPLY with the 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.

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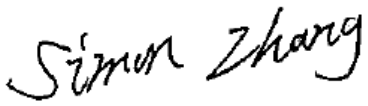
CONSUMER PRODUCTS SERVICE DIVISION (SHANGHAI)



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:

1. EN 1335-1: 2001

Item	Dimension Requirement			Result
	Type A	Type B	Type C	
Seat height **a** Adjustment range	Min.: ≤420 mm Max.: ≥510 mm Min.120 mm	Min.: ≤420 mm Max.: ≥510 mm Min.100 mm	Min. ≤420 mm Max. ≥480 mm Min. 80 mm	Min: 410 mm Max: 500 mm Range: 90 mm
Seat depth **b** Non adjustable Adjustable Adjustment range	 NA Min.: ≤400 mm Max.: ≥420 mm Min.: 50 mm	 380 mm to 440 mm Min.: ≤400 mm Max.: ≥420 mm Min.: 50 mm	 Min.:380 mm Can be adjusted to 400 mm No requirement	 490 mm
Depth of seat surface **c**	Min.:380 mm	Min.:380 mm	Min.:380 mm	495 mm
Seat width **d**	Min.:400 mm	Min.:400 mm	Min.:400 mm	530 mm
Inclination of seat surface **e** Non adjustable Adjustable Adjustment range	 NA Max.: ≥ -7º (“-“direction) Min.: ≤ -2º (“-“direction) Min.: 6º	 -7º to -2º Max.: ≥ -7º (“-“direction) Min.: ≤ -2º (“-“direction) No requirement	 -7º to -2º Max.: ≥ -7º (“-“direction) Min.: ≤ -2º (“-“direction) No requirement	 Max:-17.5º Min: +0.1º Range: 17.6º
Height of the back supporting point “S” above the seat surface **f** Non adjustable Adjustable Adjustment range	 NA Min.: ≤170 mm Max.: ≥220 mm Min.: 50 mm	 170 mm to 220 mm Min.: ≤170 mm Max.: ≥220 mm Min.: 50 mm	 170 mm to 220 mm No requirement No requirement	 185 mm
Height of the back pad **g** Non adjustable Adjustable	 Min.260 mm Min.220 mm	 Min.260 mm Min.220 mm	 Min.260 mm No requirement	 776 mm
Height of the upper edge of the back rest above the seat surface **h**	Min.360 mm	Min.360 mm	Min.360 mm	745 mm

1. EN 1335-1: 2001				
Back rest width **i**	Min.360 mm	Min.360 mm	Min.360 mm	540 mm
Horizontal radius of the back rest **k**	Min.400 mm	Min.400 mm	Min.400 mm	512 mm
Back rest inclination **l**	Min. 15º	Min. 15º	No requirement	Max:47.8º Min: 65.4º Range: 17.6º
Length of arm rest **n**	Min.200 mm	Min.200 mm	Min.200 mm	260 mm
Width of arm rest **o**	Min.40 mm	Min.40 mm	Min.40 mm	80 mm
Height of arm rest above the seat **p** Non adjustable Adjustable	200 mm to 250 mm Min.: ≤200 mm Max.: ≥250 mm	200 mm to250 mm Min.: ≤200 mm Max.: ≥250 mm	200 mm to 250 mm Min.: ≤200 mm Max.: ≥250 mm	246 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	140 mm
Clear width between the arm rests **r**	460 mm to 510 mm	460 mm to 510 mm	Min.460 mm	490 mm
Maximum offset of the underframe **s**	Max. 365[1]	Max. 365[1]	Max:425[2]+50 mm	370 mm
Stability dimension **t**	Min.195 mm	Min.195 mm	Min.195 mm	235 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

2. EN 1335-2: 2009			
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 SGS1

Overall dimensions: 73.3 cm x 70.8 cm x (115.1~124.3) cm (Depth x Width x Height)

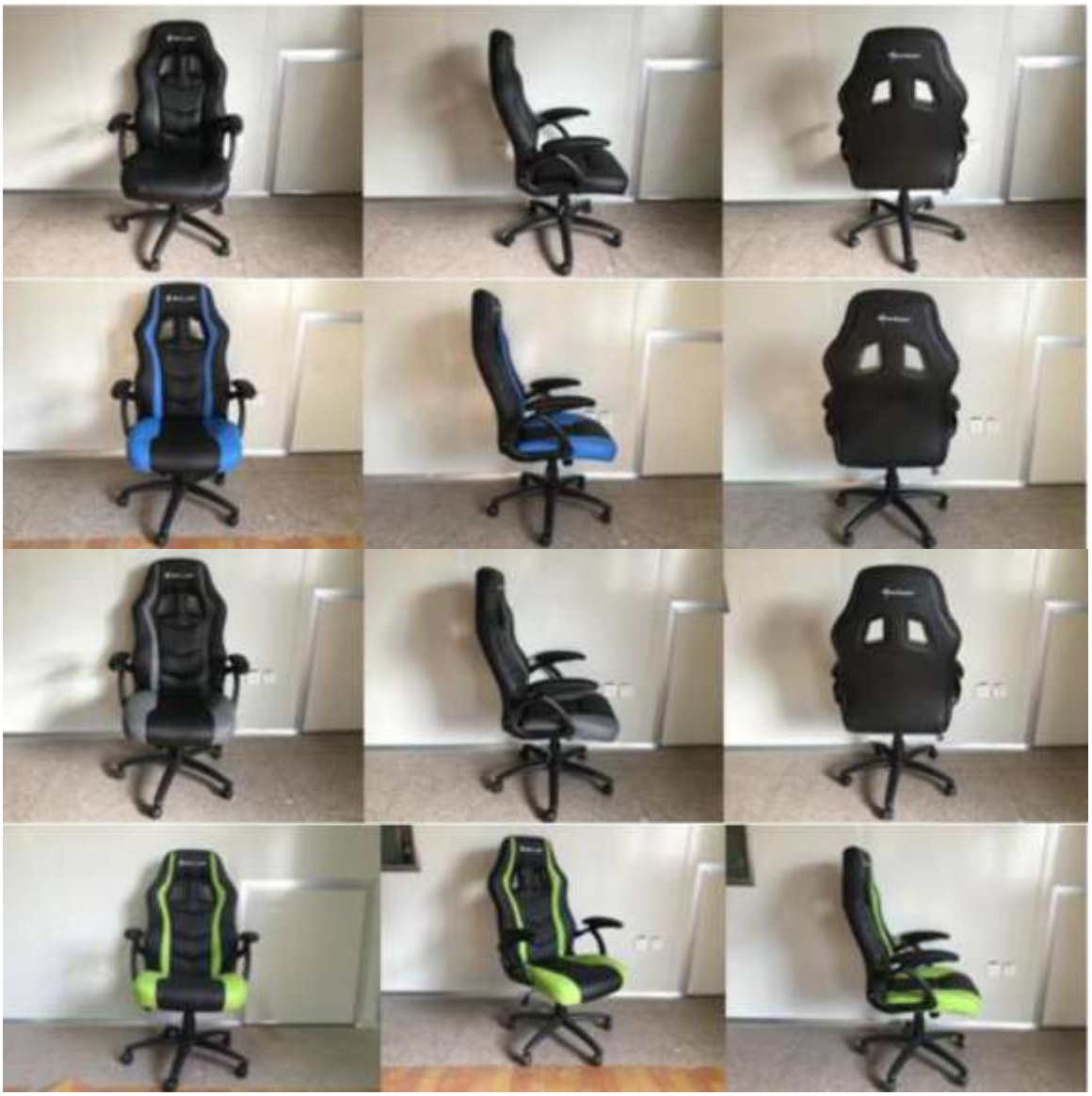
Weight: 15.57kg

ANNEX II: ADDITIONAL COMMENTS

I NA = Not applicable.

II NC = Not conducted as per client request

EXHIBIT



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