



CONSUMER PRODUCTS SERVICES DIVISION

ZHEJIANG ANJI RONGYI FURNITURE CO., LTD

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TANGPU ECONOMIC & TECHNICAL
DEVELOPMENT ZONE, ZHEJIANG PROVINCE

Sample Description:	OFFICE CHAIR	PO No.:	/
Manufacturer: :	/	Style No.:	MA-319
Buyer:	/	Country of	FRANCE
Country of Origin:	/	Destination:	
Color:	BLACK	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 as per EN 1335-1: 2001.
2. The tested samples COMPLY with the above standard: EN 1335-2: 2009.

REMARK:

The client specifies the test methods and requirements.

SHA/TL/GL/H/AW

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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	Rating
	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	400~518 mm	PASS
Adjustment range	Min.120 mm	Min.100 mm	Min. 80 mm	Range:118	
Seat depth b					
Non adjustable	NA	380mm to 440mm	Min.:380 mm	510 mm (non-adjustable)	PASS
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	470 mm	PASS
Seat width d	Min.:400 mm	Min.:400 mm	Min.:400 mm	495 mm	PASS
Inclination of seat surface e					
Non adjustable	NA	-7° to -2°	-7 ° to -2°	-0.9 °~17.7 °	PASS
Adjustable	Max.: ≥ -7° ("direction) Min.: ≤ -2° ("direction)	Max.: ≥ -7° ("direction) Min.: ≤ -2° ("direction)	Max.: ≥ -7° ("direction) Min.: ≤ -2° ("direction)		
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	170 mm	PASS
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					
Non adjustable	Min.260 mm	Min.260 mm	Min.260 mm	550 mm (non-adjustable)	PASS
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	584 mm	PASS
Back rest width i	Min.360 mm	Min.360 mm	Min.360 mm	465 mm	PASS

1. EN 1335-1: 2001					
Horizontal radius of the back rest k	Min.400 mm	Min.400 mm	Min.400 mm	>400 mm	PASS
Back rest inclination l	Min. 15°	Min. 15°	No requirement	NA	See note I
Length of arm rest n	Min.200 mm	Min.200 mm	Min.200 mm	240 mm	See note I
Width of arm rest o	Min.40 mm	Min.40 mm	Min.40 mm	84 mm	See note I
Height of arm rest above the seat p					
Non adjustable	200mm to 250mm	200mm to 250mm	200mm to 250mm	(200~290) mm	PASS
Adjustable	Min.: ≤200 mm Max.: ≥250 mm	Min.: ≤200 mm Max.: ≥250 mm	Min.: ≤200 mm Max.: ≥250 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	(165~177) mm	PASS
Clear width between the arm rests r	460mm to 510mm	460mm to 510mm	Min.460 mm	470 mm	PASS
Maximum offset of the underframe s	Max. 365 ¹	Max. 365 ¹	Max:X ² +50mm	PASS	--
Stability dimension t	Min.195mm	Min.195 mm	Min.195 mm	245 mm	PASS
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					

Conclusion: The tested samples comply with the requirements of Type C.

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

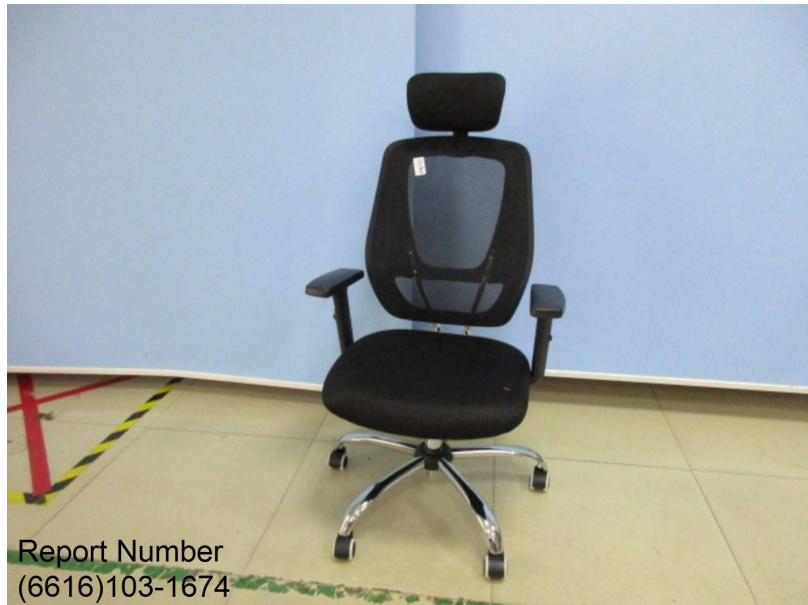
Sample Description:

Overall dimensions: 72.39cm x 65.72cm x (112.71~125.10) cm (Depth x Width x Height)
Weight: 12.3 kg

ANNEX II: ADDITIONAL COMMENTS

I NA = Not applicable.

SAMPLE RECEIVED



END