

Test Report

Number: GZHH00644455

Applicant: FOSHAN NANHAI SHANGQIAN PLASTIC PART
COMPANY
FOSHANSHI NANHAI SHANGQIAN SULIAOZHIPIN
YOU XIAN GONGSI
NO.2, DAFOTOU DEVELOPMENT ZONE, HAIZHOU,
XIQIAO TOWN,NANHAI DISTRICT,FOSHAN CITY,
GUANGDONG

Date: Jun 03, 2026

Attn: WAYNE

Sample Description:

Two (2) pieces of submitted sample said to be :

Item Name	:	Knight Series Office Chair
Item No.	:	Knight
Reference No.	:	CH833
Manufacturer	:	Foshan Nanhai Shangqian Plastic Part Company
Country of Destination	:	All Country
Country of Origin	:	China
Date Sample Received	:	Apr 30, 2026
Testing Period	:	Apr 30, 2026 to Jun 02, 2026



To be continued

intertek 天祥质保



www.intertek.com.cn



Page 1 of 25

Intertek Testing Services Shenzhen Limited, Guangzhou Branch

深圳天祥质量技术服务有限公司广州分公司

111, Huichuang Kongjian, TCL Cultural Industrial Park, No.69, Guangpu Road, Huangpu District,
Guangzhou, Guangdong, China. / Room 401/501/601/801/901/1003, No. 8, East BaoYing Road,
Huangpu District, Guangzhou, China

广州市黄埔区光谱西路 69 号 TCL 文化产业园汇创空间 111 室/广州市黄埔区保盈东路 8 号 401 房、501 房、

601 房、801 房、901 房、1003 房

Tel +8620 28209114
intertek.com.cn
intertek.com



intertek 天祥质保
Total Quality. Assured.



www.intertek.com.cn



Page 2 of 25

Intertek Testing Services Shenzhen Limited, Guangzhou Branch

深圳天祥质量技术服务有限公司广州分公司

111, Huichuang Kongjian, TCL Cultural Industrial Park, No.69, Guangpu Road, Huangpu District, Guangzhou, Guangdong, China. / Room 401/501/601/801/901/1003, No. 8, East BaoYing Road, Huangpu District, Guangzhou, China

广州市黄埔区光谱西路 69 号 TCL 文化产业园汇创空间 111 室/广州市黄埔区保盈东路 8 号 401 房、501 房、601 房、801 房、901 房、1003 房

Tel +8620 28209114
intertek.com.cn
intertek.com



Test Report

Number: GZHH00644455

Tests conducted:

As requested by the applicant, refer to attached page(s) for details.

Conclusion:

Tested samples

Submitted sample

Standard

EN 1335-1:2020 + A1:2022 Specification for
Office Furniture – Office Work Chair – Part 1:
Dimensions – Determination of Dimensions
- Excluding clause 9: information for use

Result

Pass

EN 1335-2:2018 - Office Furniture – Office Work
Chair – Part 2: Safety Requirements
- Excluding clause 6: information for use

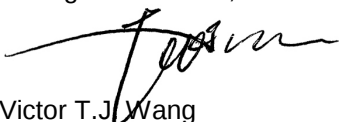
Pass

(See note 1)

Authorized by:

For Intertek Testing Services Shenzhen Ltd.

Guangzhou Branch, Hardlines


Victor T.J. Wang
General Manager



Should you have any query on this report, please click the link below:

https://verifyindex.intertek.com.cn/home/index?id=hl_report_verify

intertek 天祥质保



www.intertek.com.cn



Page 3 of 25

Intertek Testing Services Shenzhen Limited, Guangzhou Branch

深圳天祥质量技术服务有限公司广州分公司

111, Huichuang Kongjian, TCL Cultural Industrial Park, No.69, Guangpu Road, Huangpu District,
Guangzhou, Guangdong, China. / Room 401/501/601/801/901/1003, No. 8, East BaoYing Road,
Huangpu District, Guangzhou, China

广州市黄埔区光谱西路 69 号 TCL 文化产业园汇创空间 111 室/广州市黄埔区保盈东路 8 号 401 房、501 房、

601 房、801 房、901 房、1003 房

Tel +8620 28209114
intertek.com.cn
intertek.com



Test Report

Number: GZHH00644455

Tests Conducted

1 Dimensions of Office Chair

With reference to EN 1335-1:2020 + A1:2022 – Specification for Office Furniture – Office Work Chair – Part 1: Dimensions – Determination of Dimensions, all dimensions of the submitted chair were measured in the as-received stage and then was classified in dimensional requirements in Table 2 and clause 8.

Number of sample tested: One (1) piece.

Type of chair: Type C (After measuring the dimensions in Standard EN 1335-1:2020 + A1:2022, the submitted chair was classified as Type C office chair)

Overall dimensions: 727 mm W x 710 mm D x 1155~1320 mm H.

Weight: 21.8 kg

Base radius: 346 mm

Initial check: No visible damage was found.

Executive summary:

Clause	Test item / Requirements	Result
1	Scope	--
2	Normative references	--
3	Terms and definitions	--
4	Definitions of measurements	--
5	Measurement conditions	--
6	Test equipment including CMD	--
7	Measurement methods and procedures The chair shall be set up as specified in ISO 24496:2017, 6.2.1. The CMD shall be placed in the chair as specified in ISO 24496:2017, 6.2.2 and 6.2.3. The chair dimensions shall be determined in the sequence specified in Table 1.	P (See remark 1 and 2)
8	Dimensional requirements The dimensions of Types Ax, A, B and C office work chairs shall be as specified in Tables 2 and 3.	P (See remark 1 and 2)
9	Information for use Information for use shall be available in the language of the country in which it will be delivered to the end user. It shall contain at least the following details: a) the Type of chair (Type Ax, Type A, Type B or Type C); b) information regarding the intended use; c) instructions for operating the adjusting mechanisms; d) assembly instructions, where applicable; e) instructions for the care and maintenance of the chair; f) if the chair is fitted with castors, Information on the choice of castors in relation to the floor surface; g) the statement: "Warning! Only trained personnel may replace or repair components for height adjustment of seating furniture with energy storage."	See note 2
10	Test report	--

Abbreviation: P = Pass



Page 4 of 25

Intertek Testing Services Shenzhen Limited, Guangzhou Branch

深圳天祥质量技术服务有限公司广州分公司

111, Huichuang Kongjian, TCL Cultural Industrial Park, No.69, Guangpu Road, Huangpu District, Guangzhou, Guangdong, China. / Room 401/501/601/801/901/1003, No. 8, East BaoYing Road, Huangpu District, Guangzhou, China

广州市黄埔区光谱西路 69 号 TCL 文化产业园汇创空间 111 室/广州市黄埔区保盈东路 8 号 401 房、501 房、601 房、801 房、901 房、1003 房

Tel +8620 28209114
intertek.com.cn
intertek.com



Test Report

Number: GZHH00644455

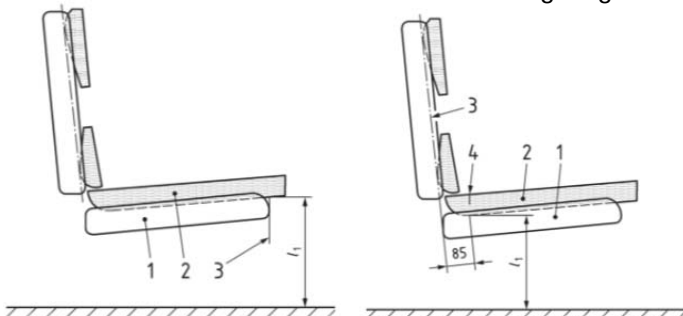
Tests Conducted

Remark 1: Dimension measurement

With reference to ISO 24496: 2017 - Office furniture - Office chairs – Methods for the determination of dimensions, the submitted sample was subjected to the following tests:

Number of sample tested: One (1) piece.

Executive summary:

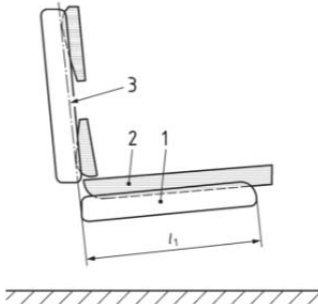
Test item		Result																														
Before measuring: 1. Relock the vertical member at 90°in the CMD. 2. Remove the CMD from the chair. 3. If independently adjustable, the lumbar protrusion shall be set to its minimum depth. If independently adjustable, the lumbar height shall be set at the approximate midpoint of the lumbar zone. Adjust the seat and backrest so that they are in their most horizontal position that is not rotated clockwise of the horizontal and vertical positions, respectively. All other components, including seat and backrest, except the lumbar height / depth shall be set to their maximum positions. Moving the backrest may move the lumbar away from the midpoint of the lumbar zone; this is acceptable.																																
a	Seat height and sitting height Method: Clause 6.3.3.1 & 6.3.3.2 of ISO 24496: 2017: The seat height shall be measured with the seat in its most horizontal position that is not rotated clockwise of the horizontal. Measure the seat height as the vertical distance from the underside of the CMD to the floor on a measuring scale placed through the seat height slot of the CMD at the front of the seat. Measure the sitting height by measuring the height of the top of the CMD buttocks pad at the sitting height point marked on the buttocks pad to the floor, and then subtract 60 mm from the measurement to obtain the sitting height value. 	P																														
Requirement: <table><tr><td></td><td>(-) allow.</td><td>Min.</td><td>Max.</td><td>(+) allow.</td><td>Minimum range</td></tr><tr><td>Type A_x</td><td>yes</td><td>400</td><td>540</td><td>yes</td><td>160</td></tr><tr><td>Type A</td><td>yes</td><td>400</td><td>520</td><td>yes</td><td>130</td></tr><tr><td>Type B</td><td>yes</td><td>420</td><td>510</td><td>yes</td><td>100</td></tr><tr><td>Type C</td><td>yes</td><td>430</td><td>480</td><td>yes</td><td>80</td></tr></table> Remark: 1. For tall office work chairs the seat height is determined as the vertical distance measured at the front of the seat, from the loaded seat to the floor or top of the foot support. The foot support shall have a minimum diameter of 20 mm or be flat.				(-) allow.	Min.	Max.	(+) allow.	Minimum range	Type A _x	yes	400	540	yes	160	Type A	yes	400	520	yes	130	Type B	yes	420	510	yes	100	Type C	yes	430	480	yes	80
	(-) allow.	Min.	Max.	(+) allow.	Minimum range																											
Type A _x	yes	400	540	yes	160																											
Type A	yes	400	520	yes	130																											
Type B	yes	420	510	yes	100																											
Type C	yes	430	480	yes	80																											



Test Report

Number: GZHH00644455

Tests Conducted

Test item						Result																														
	2. For type Ax only, the range can be achieved. e.g. by using a telescopic gas cylinder or by providing more than one gas cylinder.																																			
b	Adjustable depth of the seat Method: Clause 6.3.2.3 of ISO 24496: 2017: Read the seat depth from the measuring scale on the top of the buttocks pad. Adjusting the seat inclination or angle of backrest does not constitute seat depth adjustment.  Requirement: <table><tr><th></th><th>(-) allow.</th><th>Min.</th><th>Max.</th><th>(+) allow.</th><th>Minimum range</th></tr><tr><td>Type Ax</td><td>yes</td><td>380</td><td>430</td><td>yes</td><td>70</td></tr><tr><td>Type A</td><td>yes</td><td>425</td><td>450</td><td>yes</td><td>70</td></tr><tr><td>Type B</td><td>yes</td><td>425</td><td>445</td><td>yes</td><td>50</td></tr><tr><td>Type C</td><td>yes</td><td>425</td><td>--</td><td>yes</td><td>--</td></tr></table>						(-) allow.	Min.	Max.	(+) allow.	Minimum range	Type Ax	yes	380	430	yes	70	Type A	yes	425	450	yes	70	Type B	yes	425	445	yes	50	Type C	yes	425	--	yes	--	NA
	(-) allow.	Min.	Max.	(+) allow.	Minimum range																															
Type Ax	yes	380	430	yes	70																															
Type A	yes	425	450	yes	70																															
Type B	yes	425	445	yes	50																															
Type C	yes	425	--	yes	--																															
	Fixed depth of the seat Method: Clause 6.3.2.3 of ISO 24496: 2017: Same as above. Requirement: <table><tr><th></th><th>(-) allow.</th><th>Min.</th><th>Max.</th><th>(+) allow.</th><th>Minimum range</th></tr><tr><td>Type Ax</td><td colspan="5">no</td></tr><tr><td>Type A</td><td colspan="5">no</td></tr><tr><td>Type B</td><td>no</td><td>425</td><td>485</td><td>no</td><td>fixed</td></tr><tr><td>Type C</td><td>no</td><td>425</td><td>--</td><td>yes</td><td>fixed</td></tr></table>						(-) allow.	Min.	Max.	(+) allow.	Minimum range	Type Ax	no					Type A	no					Type B	no	425	485	no	fixed	Type C	no	425	--	yes	fixed	P
	(-) allow.	Min.	Max.	(+) allow.	Minimum range																															
Type Ax	no																																			
Type A	no																																			
Type B	no	425	485	no	fixed																															
Type C	no	425	--	yes	fixed																															



Page 6 of 25

Intertek Testing Services Shenzhen Limited, Guangzhou Branch

深圳天祥质量技术服务有限公司广州分公司

111, Huichuang Kongjian, TCL Cultural Industrial Park, No.69, Guangpu Road, Huangpu District, Guangzhou, Guangdong, China. / Room 401/501/601/801/901/1003, No. 8, East BaoYing Road, Huangpu District, Guangzhou, China

广州市黄埔区光谱西路 69 号 TCL 文化产业园汇创空间 111 室/广州市黄埔区保盈东路 8 号 401 房、501 房、

601 房、801 房、901 房、1003 房

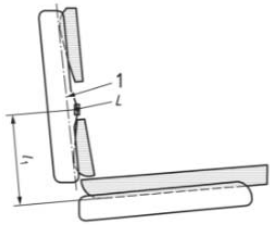
Tel +8620 28209114
intertek.com.cn
intertek.com



Test Report

Number: GZHH00644455

Tests Conducted

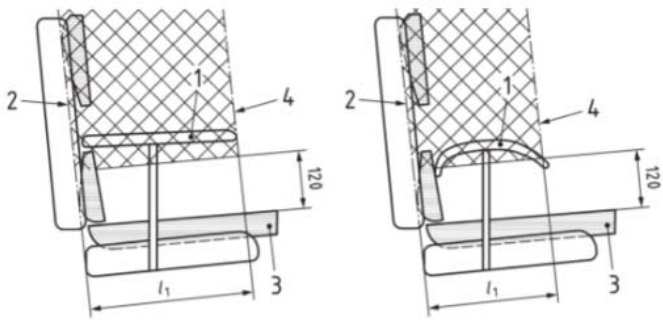
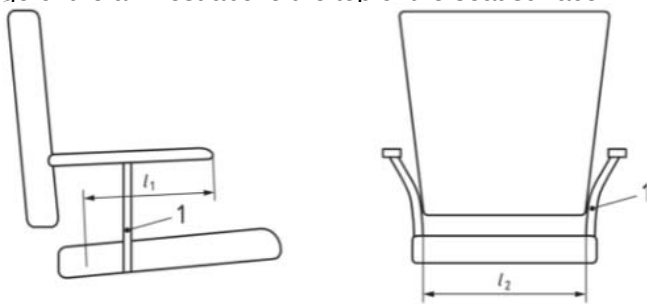
Test item					Result																														
f	Adjustable height of lumbar support Method: Clause 6.3.1.1 of ISO 24496: 2017: Maximum vertical height: When available, make the various backrest and lumbar adjustments such that the lumbar support is at the greatest height that can be attained. If the backrest is to be adjusted, move the CMD vertical member to its 90° position and lock it. After the adjustments are complete, release the lock, let it settle into place, then relock it. Reapply the force of 3.5±0.5N to the vertically stacked segments. If only one segment is at a horizontal protrusion, record the dimension of the top of the segment as maximum lumbar height. If more than one segment is at a maximum horizontal protrusion, record the dimension of the top of the highest segment as maximum lumbar height. Maximum vertical height: Set the lumbar support at the least height and reply the lowest measurement. Range: Calculate the difference between the maximum and minimum height measurements and record the difference as the lumbar support adjustment range.  Requirement: <table><tr><td></td><td>(-) allow.</td><td>Min.</td><td>Max.</td><td>(+) allow.</td><td>Minimum range</td></tr><tr><td>Type A_x</td><td>yes</td><td>170</td><td>300</td><td>yes</td><td>Minimum 70 within the rage</td></tr><tr><td>Type A</td><td>yes</td><td>170</td><td>300</td><td>yes</td><td>Minimum 70 within the rage</td></tr><tr><td>Type B</td><td>yes</td><td>170</td><td>300</td><td>yes</td><td>Minimum 50 within the rage</td></tr><tr><td>Type C</td><td>yes</td><td>170</td><td>300</td><td>yes</td><td>--</td></tr></table>					(-) allow.	Min.	Max.	(+) allow.	Minimum range	Type A _x	yes	170	300	yes	Minimum 70 within the rage	Type A	yes	170	300	yes	Minimum 70 within the rage	Type B	yes	170	300	yes	Minimum 50 within the rage	Type C	yes	170	300	yes	--	NA
	(-) allow.	Min.	Max.	(+) allow.	Minimum range																														
Type A _x	yes	170	300	yes	Minimum 70 within the rage																														
Type A	yes	170	300	yes	Minimum 70 within the rage																														
Type B	yes	170	300	yes	Minimum 50 within the rage																														
Type C	yes	170	300	yes	--																														
	Fixed height of lumbar support Method: Clause 6.3.1.1 of ISO 24496: 2017: Same as above. Requirement: <table><tr><td></td><td>(-) allow.</td><td>Min.</td><td>Max.</td><td>(+) allow.</td><td>Minimum range</td></tr><tr><td>Type A_x</td><td colspan="5">no</td></tr><tr><td>Type A</td><td colspan="5">no</td></tr><tr><td>Type B</td><td>no</td><td>170</td><td>300</td><td>no</td><td>--</td></tr><tr><td>Type C</td><td>no</td><td>170</td><td>300</td><td>no</td><td>--</td></tr></table>					(-) allow.	Min.	Max.	(+) allow.	Minimum range	Type A _x	no					Type A	no					Type B	no	170	300	no	--	Type C	no	170	300	no	--	P
	(-) allow.	Min.	Max.	(+) allow.	Minimum range																														
Type A _x	no																																		
Type A	no																																		
Type B	no	170	300	no	--																														
Type C	no	170	300	no	--																														
q	Maximum distance from the backrest to the front of the armrests Method: Clause 6.3.2.5 of ISO 24496: 2017:				P																														



Test Report

Number: GZHH00644455

Tests Conducted

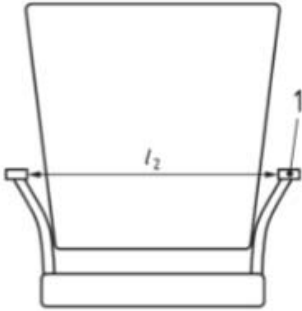
Test item					Result																														
Place a bar across the armrest at front edges. If the front edges of the armrest are less than 120 mm above the top surface of the loaded CMD buttocks pad, then place the bar at the front part of the armrest that is at the 120 mm high point. Measure the horizontal distance between the bar and the front part of vertical member of the CMD and add 180 mm.  Requirement: <table><tr><th></th><th>(-) allow.</th><th>Min.</th><th>Max.</th><th>(+) allow.</th><th>Minimum range</th></tr><tr><td>Type Ax</td><td>yes</td><td>--</td><td>200</td><td>no</td><td>--</td></tr><tr><td>Type A</td><td>yes</td><td>--</td><td>300</td><td>no</td><td>--</td></tr><tr><td>Type B</td><td>yes</td><td>--</td><td>350</td><td>no</td><td>--</td></tr><tr><td>Type C</td><td>yes</td><td>--</td><td>400</td><td>no</td><td>--</td></tr></table>						(-) allow.	Min.	Max.	(+) allow.	Minimum range	Type Ax	yes	--	200	no	--	Type A	yes	--	300	no	--	Type B	yes	--	350	no	--	Type C	yes	--	400	no	--	
	(-) allow.	Min.	Max.	(+) allow.	Minimum range																														
Type Ax	yes	--	200	no	--																														
Type A	yes	--	300	no	--																														
Type B	yes	--	350	no	--																														
Type C	yes	--	400	no	--																														
r	Hip breadth clearance when armrests are in widest position Method: Clause 6.3.4.8 of ISO 24496: 2017: Adjust the armrests to their widest possible position. Measure the minimum width between the armrest assembly from 85 mm forward of the backrest line to the front edge of the armrest above the top of the seat surface.  Requirement: <table><tr><th></th><th>(-) allow.</th><th>Min.</th><th>Max.</th><th>(+) allow.</th><th>Minimum range</th></tr><tr><td>Type Ax</td><td>no</td><td>480</td><td>--</td><td>yes</td><td>--</td></tr><tr><td>Type A</td><td>no</td><td>480</td><td>--</td><td>yes</td><td>--</td></tr><tr><td>Type B</td><td>no</td><td>460</td><td>--</td><td>yes</td><td>--</td></tr><tr><td>Type C</td><td>no</td><td>460</td><td>--</td><td>yes</td><td>--</td></tr></table>					(-) allow.	Min.	Max.	(+) allow.	Minimum range	Type Ax	no	480	--	yes	--	Type A	no	480	--	yes	--	Type B	no	460	--	yes	--	Type C	no	460	--	yes	--	P
	(-) allow.	Min.	Max.	(+) allow.	Minimum range																														
Type Ax	no	480	--	yes	--																														
Type A	no	480	--	yes	--																														
Type B	no	460	--	yes	--																														
Type C	no	460	--	yes	--																														



Test Report

Number: GZHH00644455

Tests Conducted

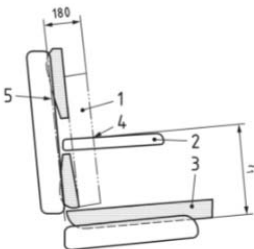
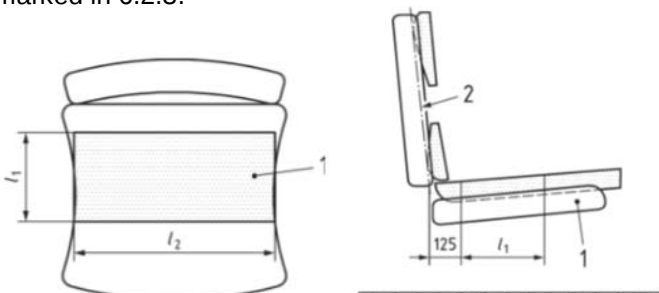
Test item		Result																														
z	Adjustable clear distance between armrest pads Method: Clause 6.3.4.9 of ISO 24496: 2017: Adjust the armrests to their widest possible position and then to their narrowest possible position. Measure and record the smallest horizontal distance between the armrests in each position from the rear of the seat width zone forward to the front edge of the seat within the measurement zone 5 mm down from the top of the armrest.  Requirement: <table><tr><th></th><th>(-) allow.</th><th>Min.</th><th>Max.</th><th>(+) allow.</th><th>Minimum range</th></tr><tr><td>Type A_x</td><td>yes</td><td>410</td><td>510</td><td>yes</td><td>--</td></tr><tr><td>Type A</td><td>yes</td><td>410</td><td>510</td><td>yes</td><td>--</td></tr><tr><td>Type B</td><td>yes</td><td>460</td><td>510</td><td>yes</td><td>--</td></tr><tr><td>Type C</td><td>yes</td><td>460</td><td>510</td><td>yes</td><td>--</td></tr></table>		(-) allow.	Min.	Max.	(+) allow.	Minimum range	Type A _x	yes	410	510	yes	--	Type A	yes	410	510	yes	--	Type B	yes	460	510	yes	--	Type C	yes	460	510	yes	--	NA
	(-) allow.	Min.	Max.	(+) allow.	Minimum range																											
Type A _x	yes	410	510	yes	--																											
Type A	yes	410	510	yes	--																											
Type B	yes	460	510	yes	--																											
Type C	yes	460	510	yes	--																											
Fixed clear distance between armrest pads Method: Clause 6.3.4.9 of ISO 24496: 2017: Same as above. Requirement: <table><tr><th></th><th>(-) allow.</th><th>Min.</th><th>Max.</th><th>(+) allow.</th><th>Minimum range</th></tr><tr><td>Type A_x</td><td colspan="5">no</td></tr><tr><td>Type A</td><td colspan="5">no</td></tr><tr><td>Type B</td><td>no</td><td>460</td><td>510</td><td>yes</td><td>--</td></tr><tr><td>Type C</td><td>no</td><td>460</td><td>--</td><td>yes</td><td>--</td></tr></table>			(-) allow.	Min.	Max.	(+) allow.	Minimum range	Type A _x	no					Type A	no					Type B	no	460	510	yes	--	Type C	no	460	--	yes	--	P
	(-) allow.	Min.	Max.	(+) allow.	Minimum range																											
Type A _x	no																															
Type A	no																															
Type B	no	460	510	yes	--																											
Type C	no	460	--	yes	--																											



Test Report

Number: GZHH00644455

Tests Conducted

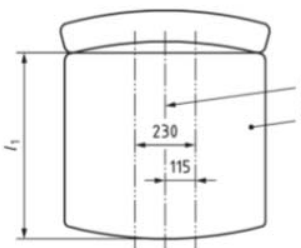
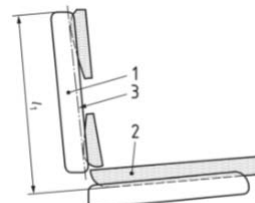
Test item						Result																														
p	Height of armrests adjustable Method: Clause 6.3.3.6 of ISO 24496: 2017: Measure the armrest height based on a straight line between the top of the armrests where it crosses the scale on the front of the vertical member of the CMD.  Requirement: <table><tr><th></th><th>(-) allow.</th><th>Min.</th><th>Max.</th><th>(+) allow.</th><th>Minimum range</th></tr><tr><td>Type A_x</td><td>yes</td><td>200</td><td>290</td><td>yes</td><td>100</td></tr><tr><td>Type A</td><td>yes</td><td>200</td><td>290</td><td>yes</td><td>100</td></tr><tr><td>Type B</td><td>yes</td><td>225</td><td>250</td><td>yes</td><td>50</td></tr><tr><td>Type C</td><td>yes</td><td>200</td><td>250</td><td>yes</td><td>--</td></tr></table>						(-) allow.	Min.	Max.	(+) allow.	Minimum range	Type A _x	yes	200	290	yes	100	Type A	yes	200	290	yes	100	Type B	yes	225	250	yes	50	Type C	yes	200	250	yes	--	P
	(-) allow.	Min.	Max.	(+) allow.	Minimum range																															
Type A _x	yes	200	290	yes	100																															
Type A	yes	200	290	yes	100																															
Type B	yes	225	250	yes	50																															
Type C	yes	200	250	yes	--																															
	Height of armrests not adjustable Method: Clause 6.3.3.6 of ISO 24496: 2017: Same as above. Requirement: <table><tr><th></th><th>(-) allow.</th><th>Min.</th><th>Max.</th><th>(+) allow.</th><th>Minimum range</th></tr><tr><td>Type A_x</td><td colspan="5">no</td></tr><tr><td>Type A</td><td colspan="5">no</td></tr><tr><td>Type B</td><td>no</td><td>225</td><td>275</td><td>no</td><td>--</td></tr><tr><td>Type C</td><td>no</td><td>200</td><td>250</td><td>no</td><td>--</td></tr></table>						(-) allow.	Min.	Max.	(+) allow.	Minimum range	Type A _x	no					Type A	no					Type B	no	225	275	no	--	Type C	no	200	250	no	--	NA
	(-) allow.	Min.	Max.	(+) allow.	Minimum range																															
Type A _x	no																																			
Type A	no																																			
Type B	no	225	275	no	--																															
Type C	no	200	250	no	--																															
d	Seat pad Width Method: Clause 6.3.4.2 of ISO 24496: 2017: Measure the narrowest seat surface width within the seat surface plane width zone, as marked in 6.2.3. 					P																														



Test Report

Number: GZHH00644455

Tests Conducted

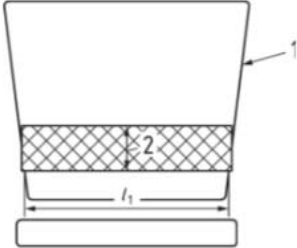
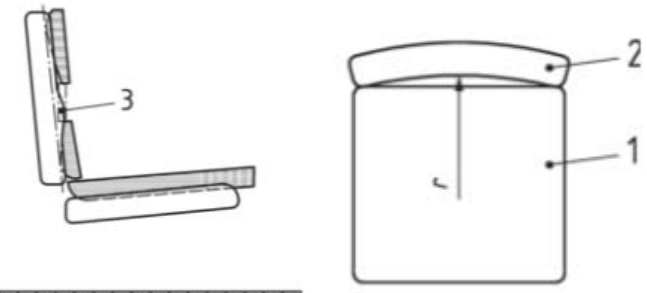
Test item							Result
	Requirement:						
		(-) allow.	Min.	Max.	(+) allow.	Minimum range	
	Type A _x	no	400	--	yes	--	
	Type A	no	400	--	yes	--	
	Type B	no	400	--	yes	--	
	Type C	no	400	--	yes	--	
c	Seat pad depth Method: Clause 6.3.4.3 of ISO 24496: 2017: Measure the least seat surface depth within the span, 115 mm either side of the median plane. 						P
	Requirement:						
		(-) allow.	Min.	Max.	(+) allow.	Minimum range	
	Type A _x	no	380	--	yes	--	
	Type A	no	380	--	yes	--	
	Type B	no	380	--	yes	--	
	Type C	no	380	--	yes	--	
h	Backrest height Method: Clause 6.3.3.4 of ISO 24496: 2017: Slide the backrest height gauge until it touches the top of the backrest. Read the height of the scale.  						P
	Requirement:						
		(-) allow.	Min.	Max.	(+) allow.	Minimum range	
	Type A _x	no	360	--	yes	--	
	Type A	no	360	--	yes	--	
	Type B	no	360	--	yes	--	
	Type C	no	360	--	yes	--	
i	Backrest width						P



Test Report

Number: GZHH00644455

Tests Conducted

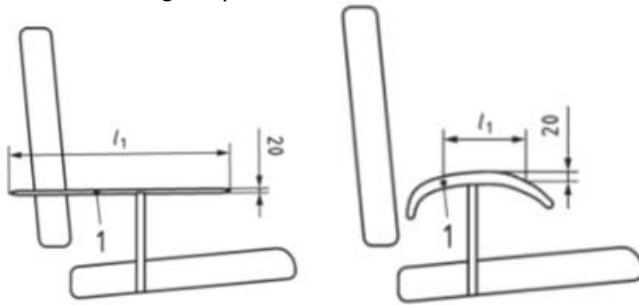
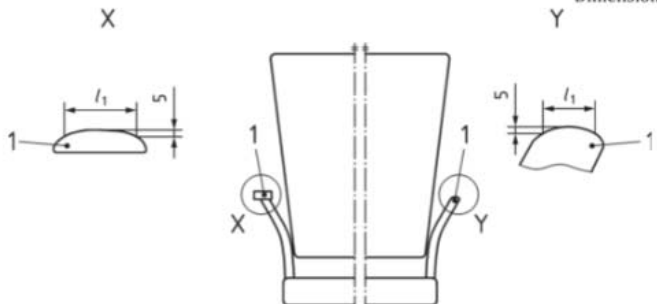
Test item						Result																													
	Method: Clause 6.3.4.4 of ISO 24496: 2017: Measure the narrowest backrest width within the lumbar zone. 																																		
	Requirement: <table><tr><td></td><td>(-) allow.</td><td>Min.</td><td>Max.</td><td>(+) allow.</td><td>Minimum range</td></tr><tr><td>Type A_x</td><td>no</td><td>360</td><td>--</td><td>yes</td><td>--</td></tr><tr><td>Type A</td><td>no</td><td>360</td><td>--</td><td>yes</td><td>--</td></tr><tr><td>Type B</td><td>no</td><td>360</td><td>--</td><td>yes</td><td>--</td></tr><tr><td>Type C</td><td>no</td><td>360</td><td>--</td><td>yes</td><td>--</td></tr></table>							(-) allow.	Min.	Max.	(+) allow.	Minimum range	Type A _x	no	360	--	yes	--	Type A	no	360	--	yes	--	Type B	no	360	--	yes	--	Type C	no	360	--	yes
	(-) allow.	Min.	Max.	(+) allow.	Minimum range																														
Type A _x	no	360	--	yes	--																														
Type A	no	360	--	yes	--																														
Type B	no	360	--	yes	--																														
Type C	no	360	--	yes	--																														
k	Radius of backrest Method: Clause 6.3.4.5 of ISO 24496: 2017: Measure the backrest radius of the chair at the lumbar zone. The radius shall be measured through a minimum width of 300 mm and minimum height of 10 mm. If evaluating to a requirements document, a radius template(s) may be used to access the chair to the requirement. Otherwise, measure the radius of the back using any appropriate radius gauge or radius template(s). When measuring the radius, apply enough force to ensure that any textile coverings that cause bridging are formed to the backrest. For mesh materials, the radius measuring device or templates(s) may be narrower if necessary so it does not contact the side structures of the chair. 					P																													
	Requirement: <table><tr><td></td><td>(-) allow.</td><td>Min.</td><td>Max.</td><td>(+) allow.</td><td>Minimum range</td></tr><tr><td>Type A_x</td><td>no</td><td>400</td><td>--</td><td>yes</td><td>--</td></tr><tr><td>Type A</td><td>no</td><td>400</td><td>--</td><td>yes</td><td>--</td></tr><tr><td>Type B</td><td>no</td><td>400</td><td>--</td><td>yes</td><td>--</td></tr></table>						(-) allow.	Min.	Max.	(+) allow.	Minimum range	Type A _x	no	400	--	yes	--	Type A	no	400	--	yes	--	Type B	no	400	--	yes	--						
	(-) allow.	Min.	Max.	(+) allow.	Minimum range																														
Type A _x	no	400	--	yes	--																														
Type A	no	400	--	yes	--																														
Type B	no	400	--	yes	--																														



Test Report

Number: GZHH00644455

Tests Conducted

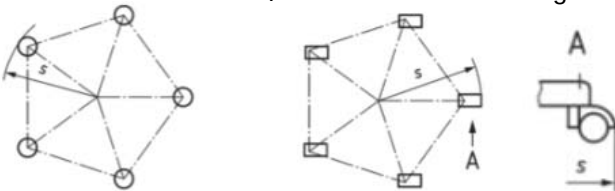
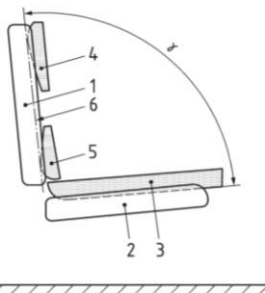
Test item							Result																														
	Type C	no	400	--	yes	--																															
n	Armrest length Method: Clause 6.3.4.6 of ISO 24496: 2017: With the armrest pad surface in the most horizontal position, measure the greatest length in the fore and aft direction of the armrests horizontally within 20 mm below the top surface using calipers with jaws 20 mm long.  Requirement: <table><tr><td></td><td>(-) allow.</td><td>Min.</td><td>Max.</td><td>(+) allow.</td><td>Minimum range</td></tr><tr><td>Type Ax</td><td>no</td><td>150</td><td>--</td><td>yes</td><td>--</td></tr><tr><td>Type A</td><td>no</td><td>150</td><td>--</td><td>yes</td><td>--</td></tr><tr><td>Type B</td><td>no</td><td>150</td><td>--</td><td>yes</td><td>--</td></tr><tr><td>Type C</td><td>no</td><td>150</td><td>--</td><td>yes</td><td>--</td></tr></table>							(-) allow.	Min.	Max.	(+) allow.	Minimum range	Type Ax	no	150	--	yes	--	Type A	no	150	--	yes	--	Type B	no	150	--	yes	--	Type C	no	150	--	yes	--	P
	(-) allow.	Min.	Max.	(+) allow.	Minimum range																																
Type Ax	no	150	--	yes	--																																
Type A	no	150	--	yes	--																																
Type B	no	150	--	yes	--																																
Type C	no	150	--	yes	--																																
o	Armrest width Method: Clause 6.3.4.7 of ISO 24496: 2017: With the armrest pad surface in the most horizontal position, measure the greatest width in the side to side direction of the armrests horizontally within 5 mm below the top surface using calipers with jaws 5 mm long.  Requirement: <table><tr><td></td><td>(-) allow.</td><td>Min.</td><td>Max.</td><td>(+) allow.</td><td>Minimum range</td></tr><tr><td>Type Ax</td><td>no</td><td>50</td><td>--</td><td>yes</td><td>--</td></tr><tr><td>Type A</td><td>no</td><td>50</td><td>--</td><td>yes</td><td>--</td></tr><tr><td>Type B</td><td>no</td><td>40</td><td>--</td><td>yes</td><td>--</td></tr><tr><td>Type C</td><td>no</td><td>40</td><td>--</td><td>yes</td><td>--</td></tr></table>							(-) allow.	Min.	Max.	(+) allow.	Minimum range	Type Ax	no	50	--	yes	--	Type A	no	50	--	yes	--	Type B	no	40	--	yes	--	Type C	no	40	--	yes	--	P
	(-) allow.	Min.	Max.	(+) allow.	Minimum range																																
Type Ax	no	50	--	yes	--																																
Type A	no	50	--	yes	--																																
Type B	no	40	--	yes	--																																
Type C	no	40	--	yes	--																																
s	Offset of the underframe Method: Clause 6.3.4.10 of ISO 24496: 2017:						P																														



Test Report

Number: GZHH00644455

Tests Conducted

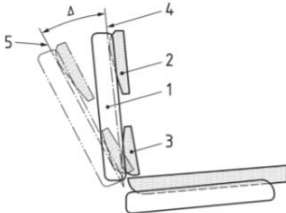
Test item						Result																														
Measure the maximum offset of the underframe as the distance from the axis of chair rotation to the outermost point of the base/caster/glide. 																																				
<u>Requirement:</u> <table><tr><th></th><th>(-) allow.</th><th>Min.</th><th>Max.</th><th>(+) allow.</th><th>Minimum range</th></tr><tr><td>Type A_x</td><td>yes</td><td>--</td><td>415</td><td>no</td><td>--</td></tr><tr><td>Type A</td><td>yes</td><td>--</td><td>415</td><td>no</td><td>--</td></tr><tr><td>Type B</td><td>yes</td><td>--</td><td>415</td><td>no</td><td>--</td></tr><tr><td>Type C</td><td>yes</td><td>--</td><td>415</td><td>no</td><td>--</td></tr></table>							(-) allow.	Min.	Max.	(+) allow.	Minimum range	Type A _x	yes	--	415	no	--	Type A	yes	--	415	no	--	Type B	yes	--	415	no	--	Type C	yes	--	415	no	--	
	(-) allow.	Min.	Max.	(+) allow.	Minimum range																															
Type A _x	yes	--	415	no	--																															
Type A	yes	--	415	no	--																															
Type B	yes	--	415	no	--																															
Type C	yes	--	415	no	--																															
y	Angle between seat and back <u>Method: Clause 6.3.1.2 of ISO 24496: 2017:</u> Measure the angle of inclination of the seat and backrest to the horizontal and angle between seat and backrest in the sequence. Before carrying out the measurement, the chair shall be positioned according to 6.2.1. The vertical member of the CMD shall be unlocked. The chair shall be adjusted, by applying whatever force is necessary to bring the chair to its stop, in each of the position. In sequence, to ensure appropriate positioning of the chair for each measurement. Record those measurements required in the applicable standards document. If the adjustment of a chair feature caused another feature measurement to change, that is acceptable. 					P																														
I	Backrest inclination range <u>Method: Clause 6.3.1.2 of ISO 24496: 2017:</u> Measure the angle of inclination of the seat and backrest to the horizontal and angle between seat and backrest in the sequence. Before carrying out the measurement,					No specified requirement																														



Test Report

Number: GZHH00644455

Tests Conducted

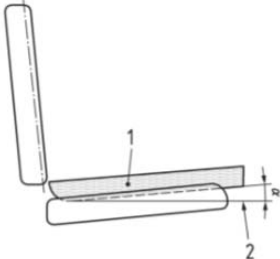
Test item	Result																														
the chair shall be positioned according to 6.2.1. The vertical member of the CMD shall be unlocked. The chair shall be adjusted, by applying whatever force is necessary to bring the chair to its stop, in each of the position. In sequence, to ensure appropriate positioning of the chair for each measurement. Record those measurements required in the applicable standards document. If the adjustment of a chair feature caused another feature measurement to change, that is acceptable.  Requirement: <table><tr><th></th><th>(-) allow.</th><th>Min.</th><th>Max.</th><th>(+) allow.</th><th>Minimum range</th></tr><tr><td>Type A_x</td><td></td><td colspan="4">Minimum 15 degrees</td></tr><tr><td>Type A</td><td></td><td colspan="4">Minimum 15 degrees</td></tr><tr><td>Type B</td><td></td><td colspan="4">Minimum 15 degrees</td></tr><tr><td>Type C</td><td></td><td colspan="4">--</td></tr></table>		(-) allow.	Min.	Max.	(+) allow.	Minimum range	Type A _x		Minimum 15 degrees				Type A		Minimum 15 degrees				Type B		Minimum 15 degrees				Type C		--				
	(-) allow.	Min.	Max.	(+) allow.	Minimum range																										
Type A _x		Minimum 15 degrees																													
Type A		Minimum 15 degrees																													
Type B		Minimum 15 degrees																													
Type C		--																													



Test Report

Number: GZHH00644455

Tests Conducted

Test item		Result																														
e	Seat pad angle adjustable Method: Clause 6.3.1.2 of ISO 24496: 2017: Measure the angle of inclination of the seat and backrest to the horizontal and angle between seat and backrest in the sequence. Before carrying out the measurement, the chair shall be positioned according to 6.2.1. The vertical member of the CMD shall be unlocked. The chair shall be adjusted, by applying whatever force is necessary to bring the chair to its stop, in each of the position. In sequence, to ensure appropriate positioning of the chair for each measurement. Record those measurements required in the applicable standards document. If the adjustment of a chair feature caused another feature measurement to change, that is acceptable.  Requirement: <table><tr><td></td><td>(-) allow.</td><td>Min.</td><td>Max.</td><td>(+) allow.</td><td>Minimum range</td></tr><tr><td>Type A_x</td><td>yes</td><td>0</td><td>--</td><td>yes</td><td>--</td></tr><tr><td>Type A</td><td>yes</td><td>0</td><td>--</td><td>yes</td><td>--</td></tr><tr><td>Type B</td><td>yes</td><td>-2</td><td>--</td><td>yes</td><td>--</td></tr><tr><td>Type C</td><td>yes</td><td>-2</td><td>--</td><td>yes</td><td>--</td></tr></table>		(-) allow.	Min.	Max.	(+) allow.	Minimum range	Type A _x	yes	0	--	yes	--	Type A	yes	0	--	yes	--	Type B	yes	-2	--	yes	--	Type C	yes	-2	--	yes	--	P
	(-) allow.	Min.	Max.	(+) allow.	Minimum range																											
Type A _x	yes	0	--	yes	--																											
Type A	yes	0	--	yes	--																											
Type B	yes	-2	--	yes	--																											
Type C	yes	-2	--	yes	--																											
Minimum adjustment range Method: Clause 6.3.1.2 of ISO 24496: 2017: Same as above. Requirement: <table><tr><td></td><td>(-) allow.</td><td>Min.</td><td>Max.</td><td>(+) allow.</td><td>Minimum range</td></tr><tr><td>Type A_x</td><td></td><td></td><td>5</td><td></td><td></td></tr><tr><td>Type A</td><td></td><td></td><td>5</td><td></td><td></td></tr><tr><td>Type B</td><td></td><td></td><td>5</td><td></td><td></td></tr><tr><td>Type C</td><td></td><td></td><td>5</td><td></td><td></td></tr></table>			(-) allow.	Min.	Max.	(+) allow.	Minimum range	Type A _x			5			Type A			5			Type B			5			Type C			5			P
	(-) allow.	Min.	Max.	(+) allow.	Minimum range																											
Type A _x			5																													
Type A			5																													
Type B			5																													
Type C			5																													



Test Report

Number: GZHH00644455

Tests Conducted

Test item						Result	
	Seat pad angle fixed					NA	
	Method: Clause 6.3.1.2 of ISO 24496: 2017: Same as above.						
	Requirement:						
		(-) allow.	Min.	Max.	(+) allow.		Minimum range
	Type A _x	no					
	Type A	no					
	Type B	no	+2	-5	No		--
	Type C	no	+2	-7	no		--

Abbreviation: P = Pass; NA = Not Applicable



Page 17 of 25

Intertek Testing Services Shenzhen Limited, Guangzhou Branch

深圳天祥质量技术服务有限公司广州分公司

111, Huichuang Kongjian, TCL Cultural Industrial Park, No.69, Guangpu Road, Huangpu District, Guangzhou, Guangdong, China. / Room 401/501/601/801/901/1003, No. 8, East BaoYing Road, Huangpu District, Guangzhou, China

广州市黄埔区光谱西路 69 号 TCL 文化产业园汇创空间 111 室/广州市黄埔区保盈东路 8 号 401 房、501 房、601 房、801 房、901 房、1003 房

Tel +8620 28209114
intertek.com.cn
intertek.com



Test Report

Number: GZHH00644455

Tests Conducted

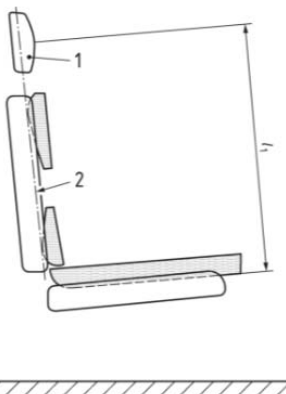
Remark 2: Dimension measurement of neck rests and headrests

With reference to Annex C of EN 1335-1:2020 + A1:2022 - Specification for Office Furniture – Office Work Chair – Part 1: Dimensions – Determination of Dimensions, the submitted sample was subjected to the following tests:

Number of sample tested: One (1) piece.

Executive summary:

Executive summary:

Test item						Result																														
x	Height of adjustable neck rest or head rest  Requirement: <table><tr><td></td><td>(-) allow.</td><td>Min.</td><td>Max.</td><td>(+) allow.</td><td>Minimum range</td></tr><tr><td>Type A_x</td><td>no</td><td>550</td><td>740</td><td>yes</td><td>--</td></tr><tr><td>Type A</td><td>no</td><td>550</td><td>740</td><td>yes</td><td>--</td></tr><tr><td>Type B</td><td>no</td><td>590</td><td>--</td><td>yes</td><td>--</td></tr><tr><td>Type C</td><td>no</td><td>590</td><td>--</td><td>yes</td><td>--</td></tr></table>						(-) allow.	Min.	Max.	(+) allow.	Minimum range	Type A _x	no	550	740	yes	--	Type A	no	550	740	yes	--	Type B	no	590	--	yes	--	Type C	no	590	--	yes	--	P
	(-) allow.	Min.	Max.	(+) allow.	Minimum range																															
Type A _x	no	550	740	yes	--																															
Type A	no	550	740	yes	--																															
Type B	no	590	--	yes	--																															
Type C	no	590	--	yes	--																															
	Height of fixed neck rest or head rest Requirement: <table><tr><td></td><td>(-) allow.</td><td>Min.</td><td>Max.</td><td>(+) allow.</td><td>Minimum range</td></tr><tr><td>Type A_x</td><td colspan="5">no</td></tr><tr><td>Type A</td><td colspan="5">no</td></tr><tr><td>Type B</td><td>no</td><td>590</td><td>--</td><td>yes</td><td>--</td></tr><tr><td>Type C</td><td>no</td><td>590</td><td>--</td><td>yes</td><td>--</td></tr></table>						(-) allow.	Min.	Max.	(+) allow.	Minimum range	Type A _x	no					Type A	no					Type B	no	590	--	yes	--	Type C	no	590	--	yes	--	NA
	(-) allow.	Min.	Max.	(+) allow.	Minimum range																															
Type A _x	no																																			
Type A	no																																			
Type B	no	590	--	yes	--																															
Type C	no	590	--	yes	--																															

Abbreviation: P = Pass; NA = Not Applicable



Test Report

Number: GZHH00644455

Tests Conducted

2 Safety Requirements for Office Work Chairs

Test standard: EN 1335-2: 2018 - Office Furniture - Office Work Chair - Part 2: Safety Requirements.

Number of samples tested: Two (2) pieces.

Initial inspection: No damage was found.

Executive summary:

Clause	Test Item / Requirements	Result
1	Scope	
2	Normative references	
3	Terms and definitions	
4	Safety requirements	
4.1	General The chair shall be so designed as to minimize the risk of injury to the user. All parts of the chair with which the user comes into contact during intended use, shall be so designed that physical injury and damage to property are avoided. These requirements are fulfilled when: a) The edges of the seat, back rest and arm rests which are in contact with the user when sitting in the chair are rounded with minimum 2 mm radius; b) The edges of handles are rounded or chamfered in the direction of the force applied; c) All other edges and corners are free from burrs and rounded or chamfered; d) The ends of accessible hollow components are closed or capped. Movable and adjustable parts shall be designed so that injuries and inadvertent operation are avoided. It shall be possible to operate the adjusting devices from sitting position in the chair. It shall not be possible for any load bearing part of the chair to come loose unintentionally.	P
4.2	Shear and squeeze points	
4.2.1	Shear and squeeze points under influence of powered mechanisms There shall be no accessible shear and squeeze points created by parts of the chair operated by powered mechanisms, i.e. springs, gas lifts and motorized systems.	P
4.2.2	Shear and squeeze points during use There shall be no accessible shear and squeeze points created by loads applied during normal use. Shear and squeeze points are not acceptable if there is a risk of injury created by the weight of the user during normal movements and actions, e.g. manipulating levers and crank handles.	P
4.3	Sequence of testing	
4.4	Stability tests and requirements When tested, the seating shall not overturn.	P (See remark 3)



Page 19 of 25

Intertek Testing Services Shenzhen Limited, Guangzhou Branch

深圳天祥质量技术服务有限公司广州分公司

111, Huichuang Kongjian, TCL Cultural Industrial Park, No.69, Guangpu Road, Huangpu District, Guangzhou, Guangdong, China. / Room 401/501/601/801/901/1003, No. 8, East BaoYing Road, Huangpu District, Guangzhou, China

广州市黄埔区光谱西路 69 号 TCL 文化产业园汇创空间 111 室/广州市黄埔区保盈东路 8 号 401 房、501 房、601 房、801 房、901 房、1003 房

Tel +8620 28209114
intertek.com.cn
intertek.com



Test Report

Number: GZHH00644455

Tests Conducted

Clause	Test Item / Requirements	Result
4.5	Structural safety requirements The structural safety requirements are met when the requirements according to 5.2 are fulfilled.	P
5	Strength and durability	
5.1	General	See remark 4
5.2	Requirements The strength and durability requirements are fulfilled when, after testing in accordance with Table 2: a) There are no fractures of any member, joint or component; b) There is no loosening of joints intended to be rigid; and c) The chair fulfils its functions after removal of the test loads.	P (See remark 4)
5.3	Rolling resistance test and requirements The rolling resistance test shall be carried out after the stability (according to Table 1) and after the strength and durability tests (according to Table 2). The unloaded chair shall be tested for rolling resistance according to EN 1728:2012, 6.30 and shall fulfil the following requirements: a) The castors shall be of identical construction; b) The rolling resistance shall be ≥ 12 N.	P
6	Information for use Information for use shall be available in the language of the country in which the product will be available to the end user. It shall contain at least the following details: a) Information regarding the intended use; b) Information regarding possible adjustments; c) Instruction for operating the adjusting mechanisms; d) Instruction for the care and maintenance of the chair; e) Information for chairs with seat height adjustments with energy accumulators that only trained personnel may replace or repair seat height adjustment components with energy accumulators; f) Information on the choice of castors in relation to the floor surface.	See note 3
7	Test report	
Annex A	Loads, masses and cycles for functional tests – Suggested loads, masses and cycles	P (See remark 5)

Abbreviation: P = Pass



Page 20 of 25

Intertek Testing Services Shenzhen Limited, Guangzhou Branch

深圳天祥质量技术服务有限公司广州分公司

111, Huichuang Kongjian, TCL Cultural Industrial Park, No.69, Guangpu Road, Huangpu District, Guangzhou, Guangdong, China. / Room 401/501/601/801/901/1003, No. 8, East BaoYing Road, Huangpu District, Guangzhou, China

广州市黄埔区光谱西路 69 号 TCL 文化产业园汇创空间 111 室/广州市黄埔区保盈东路 8 号 401 房、501 房、

601 房、801 房、901 房、1003 房

Tel +8620 28209114
intertek.com.cn
intertek.com


Test Report

Number: GZHH00644455

Tests Conducted

Remark:

3: Stability tests

With reference to EN 1022: 2023 – Furniture – Seating – Determination of Stability, the submitted sample was subjected to the following tests:

Number of sample tested: One (1) piece.

Executive summary: (Before strength and durability test)

Test Item	Test Method	Test Parameters	Result
Corner stability	EN 1022: 2023 clause 7.3.3	Force F1: 300 N; 1 cycle	P
Forward overturning	EN 1022: 2023 clause 7.3.1	Force F1: 600 N; Force F2: 20 N; 1 cycle	P
Forward overturning for chairs with footrests	EN 1022: 2023 clause 7.3.2	Force F1: 1100 N; Force F2: 20 N; 1 cycle	NA
Sideways overturning for chair without arm rests	EN 1022: 2023 clause 7.3.4	Force F1: 600 N; Force F2: 20 N; 1 cycle	NA
Sideways overturning for chairs with arm rests	EN 1022: 2023 clause 7.3.5.1 and 7.3.5.2	Force F1: 250 N; Force F2: 350 N; Force F3: 20 N; 1 cycle	P
Rearwards overturning of chairs without back rest inclination and for chairs with adjustable backrest inclination that can be locked	EN 1022: 2023 clause 7.3.6	Force F1: 600 N; Force F2: 0.2857 x (1000-H) N; 1 cycle Note: H = height of the loaded seat above the floor in millimetres.	P
Rearwards overturning for chairs with back rest inclination	EN 1022: 2023 clause 7.4	Number of Discs: 13; 1 cycle	P

Abbreviation: P = Pass; NA = Not Applicable



Page 21 of 25

Intertek Testing Services Shenzhen Limited, Guangzhou Branch

深圳天祥质量技术服务有限公司广州分公司

111, Huichuang Kongjian, TCL Cultural Industrial Park, No.69, Guangpu Road, Huangpu District, Guangzhou, Guangdong, China. / Room 401/501/601/801/901/1003, No. 8, East BaoYing Road, Huangpu District, Guangzhou, China

广州市黄埔区光谱西路 69 号 TCL 文化产业园汇创空间 111 室/广州市黄埔区保盈东路 8 号 401 房、501 房、601 房、801 房、901 房、1003 房

Tel +8620 28209114
intertek.com.cn
intertek.com



Test Report

Number: GZHH00644455

Tests Conducted

Executive summary: (After strength and durability test)

Test Item	Test Method	Test Parameters	Result
Corner stability	EN 1022: 2023 clause 7.3.3	Force F1: 300 N; 1 cycle	P
Forward overturning	EN 1022: 2023 clause 7.3.1	Force F1: 600 N; Force F2: 20 N; 1 cycle	P
Forward overturning for chairs with footrests	EN 1022: 2023 clause 7.3.2	Force F1: 1100 N; Force F2: 20 N; 1 cycle	NA
Sideways overturning for chair without arm rests	EN 1022: 2023 clause 7.3.4	Force F1: 600 N; Force F2: 20 N; 1 cycle	NA
Sideways overturning for chairs with arm rests	EN 1022: 2023 clause 7.3.5.1 and 7.3.5.2	Force F1: 250 N; Force F2: 350 N; Force F3: 20 N; 1 cycle	P
Rearwards overturning of chairs without back rest inclination and for chairs with adjustable backrest inclination that can be locked	EN 1022: 2023 clause 7.3.6	Force F1: 600 N; Force F2: 0.2857 x (1000-H) N; 1 cycle Note: H = height of the loaded seat above the floor in millimetres.	P
Rearwards overturning for chairs with back rest inclination	EN 1022: 2023 clause 7.4	Number of Discs: 13; 1 cycle	P

Abbreviation: P = Pass; NA = Not Applicable



Page 22 of 25

Intertek Testing Services Shenzhen Limited, Guangzhou Branch

深圳天祥质量技术服务有限公司广州分公司

111, Huichuang Kongjian, TCL Cultural Industrial Park, No.69, Guangpu Road, Huangpu District, Guangzhou, Guangdong, China. / Room 401/501/601/801/901/1003, No. 8, East BaoYing Road, Huangpu District, Guangzhou, China

广州市黄埔区光谱西路 69 号 TCL 文化产业园汇创空间 111 室/广州市黄埔区保盈东路 8 号 401 房、501 房、601 房、801 房、901 房、1003 房

Tel +8620 28209114
intertek.com.cn
intertek.com


Test Report

Number: GZHH00644455

Tests Conducted

4: Strength and durability

With reference to EN 1728: 2012 – Furniture – Seating – Test Methods for the Determination of Strength and durability, the submitted sample was subjected to the following tests.

Number of sample tested: Two (2) piece (s).

Executive summary:

Test Item	Test Method	Test Parameters	Result
Combined seat and back static load test	EN 1728: 2012 clause 7.3	Seat force F1: 1600 N; Back rest force F2: 560 N; 10 cycles	P
Seat front edge static load test	EN 1728: 2012 clause 7.4	Force: 1600 N; 10 cycles	P
Foot rest static load test	EN 1728: 2012 clause 7.8	Force: 1300 N; 10 cycles	NA
Seat and back durability	EN 1728: 2012 clause 7.9	Step 1 – Loading point A: Force: 1500 N; 120000 cycles	P
		Step 2 – Loading point C & B: Force at point C: 1200 N; Force at point B: 320 N; 80000 cycles	P
		Step 3 – Loading point J & E: Force at point J: 1200 N; Force at point E: 320 N; 20000 cycles	P
		Step 4 – Loading point F & H: Force at point F: 1200 N; Force at point H: 320 N; 20000 cycles	P
		Step 5 – Loading point D & G: Force at point D and G: 1100 N; 20000 cycles	P
Armrests durability	EN 1728: 2012 clause 7.10	Force: 400 N; 60000 cycles	P
Armrest downward static load test - central	EN 1728: 2012 clause 7.5	Force: 750 N ^a 5 cycles; Force: 900 N ^b 5 cycles	P
^a This test shall be carried out before the stability tests			
^b This test shall be carried out after the stability tests			

Abbreviation: P = Pass; NA = Not Applicable



Page 23 of 25

Intertek Testing Services Shenzhen Limited, Guangzhou Branch

深圳天祥质量技术服务有限公司广州分公司

111, Huichuang Kongjian, TCL Cultural Industrial Park, No.69, Guangpu Road, Huangpu District, Guangzhou, Guangdong, China. / Room 401/501/601/801/901/1003, No. 8, East BaoYing Road, Huangpu District, Guangzhou, China

广州市黄埔区光谱西路 69 号 TCL 文化产业园汇创空间 111 室/广州市黄埔区保盈东路 8 号 401 房、501 房、

601 房、801 房、901 房、1003 房

Tel +8620 28209114
intertek.com.cn
intertek.com



Test Report

Number: GZHH00644455

Tests Conducted

5: Functional tests – Annex A

With reference to EN 1728: 2012 – Furniture – Seating – Test Methods for the Determination of Strength and durability, the submitted sample was subjected to the following tests.

Number of sample tested: One (1) piece.

Test Item	Test Method	Test Parameters	Result
Arm rest downward static load test – front	EN 1728: 2012 clause 7.6	Force: 450 N Cycles: 5	P
Arm rest sideways static load test	EN 1728: 2012 clause 7.7	Force: 400 N Cycles: 10	P
Swivel test	EN 1728: 2012 clause 7.11	Mass M1 : 60 kg Mass M2: 35 kg Cycles: 120 000	P
Foot rest durability	EN 1728: 2012 clause 7.12	Force: 400 N Cycles: 10	NA
Castor and chair base durability	EN 1728: 2012 clause 7.13	Mass M1 : 110 kg Cycles: 36 000	P

Abbreviation: P = Pass; NA = Not Applicable

Note:

- Since EN 1335-2: 2018 has not been updated, in this report, the corner, forward, rearward and sideways stability test requirements were referenced to EN 1022:2023.
- No Product information was provided for review. It shall contain at least the following details:
Information for use shall be available in the language of the country in which it will be available to the end user. It shall contain at least the following details:
 - the Type of chair (Type Ax, Type A, Type B or Type C);
 - information regarding the intended use;
 - instructions for operating the adjusting mechanisms;
 - assembly instructions, where applicable;
 - instructions for the care and maintenance of the chair;
 - if the chair is fitted with castors, Information on the choice of castors in relation to the floor surface;
 - the statement: "Warning! Only trained personnel may replace or repair components for height adjustment of seating furniture with energy storage."



Page 24 of 25

Intertek Testing Services Shenzhen Limited, Guangzhou Branch

深圳天祥质量技术服务有限公司广州分公司

111, Huichuang Kongjian, TCL Cultural Industrial Park, No.69, Guangpu Road, Huangpu District, Guangzhou, Guangdong, China. / Room 401/501/601/801/901/1003, No. 8, East BaoYing Road, Huangpu District, Guangzhou, China

广州市黄埔区光谱西路 69 号 TCL 文化产业园汇创空间 111 室/广州市黄埔区保盈东路 8 号 401 房、501 房、

601 房、801 房、901 房、1003 房

Tel +8620 28209114
intertek.com.cn
intertek.com


Test Report

Number: GZHH00644455

Tests Conducted

3. No Product information was provided for review. It shall contain at least the following details:
Information for use shall be available in the language of the country in which the product will be available to the end user. It shall contain at least the following details:
- a) information regarding the intended use;
 - b) information regarding possible adjustments;
 - c) instruction for operating the adjusting mechanisms;
 - d) instruction for the care and maintenance of the chair;
 - e) information for chairs with seat height adjustments with energy accumulators that only trained personnel may replace or repair seat height adjustment components with energy accumulators;
 - f) information on the choice of castors in relation to the floor surface.

End of report

The statements of conformity reported have considered the decision rule agreed, namely that Intertek have taken account of measurement uncertainty as calculated by Intertek, and applied according to ILAC-G8/09:2019 (Non-binary acceptance based on guard band $w = U$) except designation from the customer, regulation or test specification. This decision rule only applies to the numeric test results.

The sample(s) and sample information hereto are provided by the client who shall be solely responsible for the authenticity and integrity thereof. The results shown in this report relate only to the sample(s) tested. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct. This report shall not be reproduced unless with prior written approval from Intertek Testing Services Shenzhen Limited, Guangzhou Branch.



Page 25 of 25

Intertek Testing Services Shenzhen Limited, Guangzhou Branch

深圳天祥质量技术服务有限公司广州分公司

111, Huichuang Kongjian, TCL Cultural Industrial Park, No.69, Guangpu Road, Huangpu District, Guangzhou, Guangdong, China. / Room 401/501/601/801/901/1003, No. 8, East BaoYing Road, Huangpu District, Guangzhou, China

广州市黄埔区光谱西路 69 号 TCL 文化产业园汇创空间 111 室/广州市黄埔区保盈东路 8 号 401 房、501 房、

601 房、801 房、901 房、1003 房

Tel +8620 28209114
intertek.com.cn
intertek.com

