




<b>Prüfbericht-Nr.:</b> <i>Test Report No.:</i>	<b>174024749/GZF/02-01</b>	<b>Auftrags-Nr.:</b> <i>Order No.:</i>	<b>174024749</b>	Seite 1 von 13 Page 1 of 13
<b>Kunden-Referenz-Nr.:</b> <i>Client Reference No.:</i>	<b>ODEU-S-20140006</b>	<b>Auftragsdatum:</b> <i>Order date:</i>	<b>20.08.2014</b>	
<b>Auftraggeber:</b> <i>Client:</i>	Songlin Furniture Co., Ltd - B Block, Jinli Industrial Zone, Sanxing Road, Saliang Village, Sanjiao Town, Zhongshan City, Guangdong Prov., China 528400			
<b>Prüfgegenstand:</b> <i>Test item:</i>	<b>OFFICE CHAIR</b>			
<b>Bezeichnung / Typ-Nr.:</b> <i>Identification / Type No.:</i>	<b>DESIGNER CHAIR BLACK REALSPACE MID BACK TAHARI UK FIRE RETARDANT / SL-D2</b>			
<b>Auftrags-Inhalt:</b> <i>Order content:</i>	Test requirements for Mechanical character, Construction and Artwork Check			
<b>Prüfgrundlage:</b> <i>Test specification:</i>	TRGC-ODP-HL-TP-09010-EU_V4 General office chair or heavy duty office chair			
<b>Wareneingangsdatum:</b> <i>Date of receipt:</i>	<b>18.08.2014</b>			
<b>Prüfmuster-Nr.:</b> <i>Test sample No.:</i>	<b>A000096738-001</b>			
<b>Prüfzeitraum:</b> <i>Testing period:</i>	<b>18.08.2014 – 15.09.2014</b>			
<b>Ort der Prüfung:</b> <i>Place of testing:</i>	<b>Unit 201, NO.7 Caipin Road, Guang-zhou, P.R. China</b>			
<b>Prüflaboratorium:</b> <i>Testing laboratory:</i>	<b>TÜV Rheinland (Guangdong) Ltd.</b>			
<b>Prüfergebnis*:</b> <i>Test result*:</i>	<b>Siehe Sonstiges / See Other</b>			
<b>geprüft von / tested by:</b>		<b>kontrolliert von / reviewed by:</b>		
19.09.2014	Ronald Luo / TE	19.09.2014	Waley Huang / Reviewer	
<b>Datum</b> <i>Date</i>	<b>Name / Stellung</b> <i>Name / Position</i>	<b>Unterschrift</b> <i>Signature</i>	<b>Datum</b> <i>Date</i>	<b>Name / Stellung</b> <i>Name / Position</i>
				
<b>Sonstiges / Other:</b> Conditional Pass, interim result was concluded as acceptable, besides revision report could be provided after further artwork check per client's request. Buyer: Office Depot				
<b>Zustand des Prüfgegenstandes bei Anlieferung:</b> <i>Condition of the test item at delivery:</i>		<b>Prüfmuster vollständig und unbeschädigt</b> <i>Test item complete and undamaged</i>		
* Legende: 1 = sehr gut 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet				
Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested				
<b>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</b> <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				

V04

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**Liste der verwendeten Prüfmittel**  
*List of used test equipment*

[illegible]

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**Produktbeschreibung**  
**Product description**

1	<b>Produktdetails</b> <i>Product details</i>	DESIGNER CHAIR BLACK REALSPACE MID BACK TAHARI UK FIRE RETARDANT / SL-D2
2	<b>Maße / Gewicht</b> <i>Dimensions / Weight</i>	See page 5.
3	<b>Bedienelemente</b> <i>Operating elements</i>	Gas spring, armrest, seat mechanism
4	<b>Ausstattung / Zubehör</b> <i>Equipment / Accessories</i>	N/A
5	<b>Verwendete Materialien</b> <i>Used materials</i>	Wood, plastic, metal, fabric, foam and mesh
6	<b>Sonstiges</b> <i>Other</i>	N/A

Pic. 1: Front view (all components in lowest position)



Pic. 2: Side view ((all components in highest position))



Pic. 3: Back view



Pic. 4: Bottom view



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Clause	Anforderungen - Prüfungen / Requirements - Tests	Measuring results - Remarks	Evaluation

**Sample Information:**

Received on:	18.08,2014
Test Stage	<input checked="" type="checkbox"/> Initial test <input type="checkbox"/> Annual test <input type="checkbox"/> Engineering Change Request
Test for:	<input checked="" type="checkbox"/> Product & Artwork <input type="checkbox"/> Transit
Project ID #:	ODEU-S-20140006
Item #:	ODEU-S-20140006
Product Description:	DESIGNER CHAIR BLACK REALSPACE MID BACK TAHARI UK FIRE RETARDANT
Office Depot SKU(s):	6840306
Department #:	-
Vendor Product Code (VPC):	SL-D2
Style:	SL-D2
Others:	-
Number of samples:	2 pcs complete office chair
Color:	Black
Country of Origin:	China
Country of Distribution:	EU
Testing is:	<input checked="" type="checkbox"/> First Time <input type="checkbox"/> Retest, Previous Report #:
Revised Report:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Reason For Revision:	-

/	TRGC-OD-HL-TP-09010-EU-Office Chair_v4	(details refer to below test protocol)	Pass
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**Dimensions:**

Height:	940-1020	mm	Backrest Height:	497	mm
Width:	615	mm	Backrest Width:	453	mm
Depth:	655	mm	Seat Height (unloaded):	475-555	mm
Seat Depth:	405-380	mm	Seat Width:	453	mm
Weight:	17.0	kg	Foam Density:	0.050	g/cm <sup>3</sup>
Armrest height:	655-795	mm			

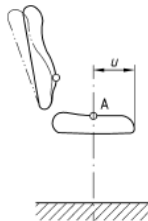
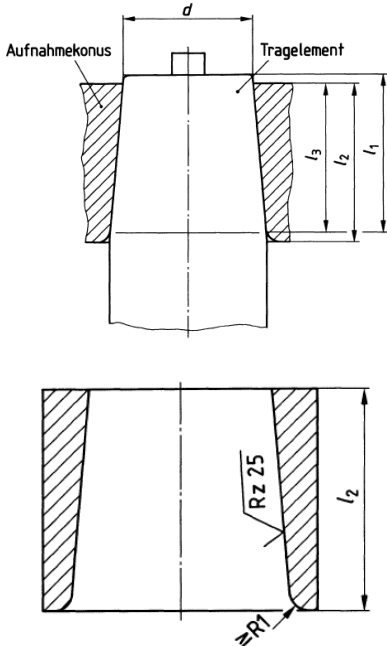
**Performance Character:**

Attribute	Test Method/Standard	Requirement / Limit	Results
<b>PHYSICAL CHARACTERISTIC</b>			
Base - caster or non-caster	TRGC-HL-TM-01018	Report actual	With castors
Dimensions	TRGC-HL-TM-01018	Report overall dimensions	See dimensions above
Weight	TRGC-HL-TM-01018	Report overall weight	17.0 kg
Dimensions - length x width - seat	TRGC-HL-TM-01018	Report overall dimensions	See dimensions above
Dimensions - height - seat	TRGC-HL-TM-01018	Report seat height	See dimensions above
Foam Density	TRGC-HL-TM-01018	Report actual	0.050 (seat) g/cm <sup>3</sup>
Fabric weight	BS EN 12127-98 / ISO 3801:1977	[oz. / sq. yd.] Per product specification	232.4 g/m <sup>2</sup>
Cover material Identification	Microscopic	[Material content analysis] Verify that cover present is the Leather, PU, PVC	Mesh fabric
Leg height adjustment	TRGC-HL-TM-01018	Report actual	adjustable
Type of seat - tilt or non-tilt	TRGC-HL-TM-01018	Report actual	With tilting function
Type of seat - rotating or non-rotating	TRGC-HL-TM-01018	Report actual	With rotating function
Back - fixed or non-fixed	TRGC-HL-TM-01018	Report actual	With non-fixed backrest
Arm - with or without arm	TRGC-HL-TM-01018	Report actual	With armrest
<b>WORKMANSHIP</b>			
Defects	TRGC-HL-TM-01010	Shall have no discernible surface degradation, including crazing, shivering, denting, bubbles, cracks, stains, deformations, chips, fractures, heavy lines, waves, shear marks, scratches, scuff marks, indentations, or blisters.	Pass
Defects	TRGC-HL-TM-01010	Shall have no components missing, malformed, and/or fractured.	Pass
Fabric defects	BS 6395-83	No major defects / two minor defects (Max.)	Pass

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Clause	Anforderungen - Prüfungen / Requirements - Tests	Measuring results - Remarks	Evaluation

Attribute	Test Method/Standard	Requirement / Limit	Results															
Evenness of color	ASTM D3990-99 R08	Shall provide uniform color	Pass															
Strength category	DIN 4550: 2004 (clause 5)	<p>Distance between seat front edge and the centre of pivot point pillar may not exceed the acceptable measure according to the strength of the bearing element.</p> <p>Tabelle 1 — Festigkeitsklassen für Tragelemente</p> <table><tr><th>Festigkeits-klasse</th><th>Biegewechsel-moment <math>M_{bw\ zul}</math> Nm</th><th>Anwendbar für Büro-Arbeitsstühle mit Maß <math>u</math> mm</th></tr><tr><td>1</td><td>± 150</td><td>bis 270</td></tr><tr><td>2</td><td>± 190</td><td>bis 340</td></tr><tr><td>3</td><td>± 210</td><td>bis 370</td></tr><tr><td>4</td><td>± 230</td><td>bis 400</td></tr></table> 	Festigkeits-klasse	Biegewechsel-moment $M_{bw\ zul}$ Nm	Anwendbar für Büro-Arbeitsstühle mit Maß $u$ mm	1	± 150	bis 270	2	± 190	bis 340	3	± 210	bis 370	4	± 230	bis 400	Pass (Class 4) (U: 275mm)
Festigkeits-klasse	Biegewechsel-moment $M_{bw\ zul}$ Nm	Anwendbar für Büro-Arbeitsstühle mit Maß $u$ mm																
1	± 150	bis 270																
2	± 190	bis 340																
3	± 210	bis 370																
4	± 230	bis 400																
Connection part of the seat mechanism and the gas lift	DIN 4550: 2004 (clause 6.1 to 6.3) [GS requirement]	<p>6.1 Gas lift cone made in one piece 6.2 The lower edge of the intake cone must overhang <math>\geq 1\text{-}2\text{ mm}</math>; <math>l_3 \geq 80\%</math> 6.3 Lower edge of the intake cone inside with <math>R \geq 1\text{ mm}</math>; intake cone made in one piece</p> 	N/T (Not GS requirement)  Gas lift marking: W.D.F DO NOT OPEN DO NOT HEAT HIGH PRESSURE CLASS4 CW2310 DIN 4550: 2004-12 14 18															



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Attribute	Test Method/Standard	Requirement / Limit	Results
Cross cut adhesion	ASTM D3359-02 Method B (Modified)	Using a utility knife, cut a grid of 100 squares in a length of 1inch with sufficient pressure to make the cutting reach the substrate. Use 3M masking tape apply to the grid and remove by seizing the free end and rapidly (not jerked) back upon itself. Plating / coating shall stay affixed, The flaked/removed squares should not more than 5% of the original squares.	Pass
<b>PERFORMANCE</b>			
Product specification (SPEC)	Office Depot requirement	Lab must request Specification from the Office Depot EU Engineer assigned to the product category and must confirm specifications against testing results from the provided sample. If Specification is not provided or specification values do not match test results the report rating shall be Fail	Provided and specified
Determination of dimension	BS EN 1335-1: 2000	Determination of dimensions to EN 1335 part 1 , required at least "Type C" <b>Test Report Only:</b> If the sample comply the requirement, rated passed in the report. If the requirement was not met, specify the deviation in the report, don't failed.	Deviation see page 13
Front seating capability test	Office Depot Requirement	Seat loading point: The midpoint of the loading black shall be 3in back from the front edge and the loading block (2inH x 6inL x 16inW) shall span across the whole width of the seat Loading weight: 300lbs for 5mins, no structural failure or tip over	Pass
Seat impact test	Office Depot Requirement	Impactor: 25kg mass weight, a circular body of 200mm diameter. Set the chair to the highest position, the impactor fall freely from 350mm onto position A 5 times and postition C 5 times. Set the chair to the lowest postion, repeated aboved procedure NOTES: Position A: the point in which the chair's axes of rotation intersect with seat surface Position C: 150mm forward of the point A	Pass

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Attribute	Test Method/Standard	Requirement / Limit	Results
Office chair - office work chair - safety requirement - corners and edges, trapping, pinching and shearing	EN 1335-2: 2009, clause.4.1	[For general office chair only] Shall be so designed as to minimize the risk of injury to the user: - The safety distance of accessible movable parts is either smaller or equal 8mm or larger or equal 25mm in any position during movement - Accessible corners are rounder with minimum 2 mm radius - The edges of the seat back rest and armrest which are in contact with the user when sitting in the chair are rounded with minimum 2 mm radius - The edges of handles are rounded with minimum 2 mm radius in the direction of the force applied - All other edges are free from burrs and rounded or chamfered - The ends of accessible hollow components are closed or capped	Pass
Office chair - office work chair - safety requirement - adjusting devices	EN 1335-2: 2009, clause.4.1	[For general office chair only] Movable and adjustable parts shall be designed so that injuries and inadvertent operation are avoided.	Pass
Office chair - office work chair - safety requirement - connections	EN 1335-2: 2009, clause.4.1	[For general office chair only] Shall not be possible for any load bearing part of the chair to come loose unintentionally.	Pass
Office chair - office work chair - safety requirement - avoidance of soiling	EN 1335-2: 2009, clause.4.1	[For general office chair only] All parts which are lubricated to assist sliding (greasing, lubricating, etc.) shall be designed to protect users from lubricant stains when in normal use	Pass
Office chair - office work chair - safety requirement - test sequence: Shall be tested following sequence of tests of EN 1335-3:2009			
Office chair - office work chair - safety requirement - stability during use	EN 1335-3-2009 Clause 5.1	[For general office chair only] According to Clause 5.1 of EN 1335-3-2009	Pass
Office chair - office work chair - seat front edge static load test	EN 1335-3-2009 clause 7.2.1	[For general office chair only] Position the smaller seat loading pad at loading point "F" or "J". Apply a vertical downward force 1600 N through the centre of the loading pad. There shall be no fractures of any member, joint or component and no loosening of joint intended to be rigid. Also, chair shall no major structural element is significantly deformed and fulfils its functions after removal test loads.	Pass



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Attribute	Test Method/Standard	Requirement / Limit	Results
Office chair - office work chair - combined seat and back static load test	EN 1335-3-2009 clause 7.2.2	[For general office chair only] Apply a vertical force 1600 N through the seat loading pad at point "A". Keep the seat loaded and apply a force 560 N through the centre of the back loading pad at point "B". There shall be no fractures of any member, joint or component and no loosening of joint intended to be rigid. Also, chair shall no major structural element is significantly deformed and fulfils its functions after removal test loads.	Pass
Office chair - office work chair - foot rest static load test	EN 1335-3-2009 clause 7.2.6	[For general office chair only] Apply a vertical force 1300 N on 80 mm from front edge of the load bearing structure of the foot rest at those points most likely to cause failure. There shall be no fractures of any member, joint or component and no loosening of joint intended to be rigid. Also, chair shall no major structural element is significantly deformed and fulfils its functions after removal test loads.	N/A
Office chair - office work chair - foot rest fatigue test	DIN 68877 (GS mark/LGA-tested requirement)	Apply a vertical force 1200 N on 80 mm from front edge of the load bearing structure of the foot rest at those points most likely to cause failure for 80,000 cycles. There shall be no fractures of any member, joint or component and no loosening of joint intended to be rigid. Also, chair shall no major structural element is significantly deformed and fulfils its functions after removal test loads.	N/A (Not GS mark/LGA-tested requirement)
Office chair - office work chair - seat and back durability	EN 1335-3-2009 clause 7.3.1	[For general office chair only] All chairs shall be tested to steps 1 to 5. Step 1 - A Step 2 - C-B Step 3 - J-E Step 4 - F-H Step 5 - D-G Each step shall be completed before going to the next. Apply specified force and no. of cycles from BS EN 1335-2: 2009 Table A.2. There shall be no fractures of any member, joint or component and no loosening of joint intended to be rigid. Also, chair shall no major structural element is significantly deformed and fulfils its functions after removal test loads.	Pass

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Attribute	Test Method/Standard	Requirement / Limit	Results
Office chair - office work chair - arm rest durability	EN 1335-3-2009 clause 7.3.2	[For general office chair only] Apply force 400 N on each arm rest at points 100 mm behind the foremost point of the arm rest length for 60000 cycles. There shall be no fractures of any member, joint or component and no loosening of joint intended to be rigid. Also, chair shall no major structural element is significantly deformed and fulfils its functions after removal test loads.	Pass
Office chair - office work chair - arm rest downward static load test - central	EN 1335-3-2009 clause 7.2.3	[For general office chair only] Apply the force 750 N to both arm rests simultaneously for 5 times. The loading points shall be at the mid point of the arm rest length and centred side to side. The arm rest shall be no fracture after test.	Pass
Office chair - office work chair - front edge overturning	EN 1335-3-2009 clause 7.1.1	[For general office chair only] Fix the strap to the chair. The force is applied at the point on the front edge that is furthest from the axis of rotation, and allow a 27 kg mass to hang freely. Chair shall not overturns during test.	Pass
Office chair - office work chair - forward overturning	EN 1335-3-2009 clause 7.1.2	[For general office chair only] Apply a vertical force 600 N acting 60 mm from the front edge of the load bearing structure of the seat at those points most likely to result in overturning. Apply for at least 5 s a horizontal outwards force 20 N from the point on the seat surface where the vertical force is applied. Chair shall not overturns during test.	Pass
Office chair - office work chair - forward overturning for chair with footrest	EN 1335-3-2009 clause 7.1.3	[For general office chair only] Apply a vertical force 1100 N acting 60 mm from the front edge of the footrest at those points most likely to result in overturning. Apply for at least 5 s a horizontal outwards force 20 N from the point on the seat surface where the vertical force is applied. Chair shall not overturns during test.	N/A (No footrest)
Office chair - office work chair - sideways overturning for chair without arm rests	EN 1335-3-2009 clause 7.1.4	[For general office chair only] Apply by means of the stability loading device a vertical force 600 N acting 60 mm from the side edge of the load bearing structure of the seat at those points most likely to result in overturning. Apply for at least 5 s a horizontal sideways force 20 N outwards from the point on the seat surface where the vertical force is applied. Chair shall not overturns during test.	N/A

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Attribute	Test Method/Standard	Requirement / Limit	Results
Office chair - office work chair - sideways overturning for chair with arm rests	EN 1335-3-2009 clause 7.1.5	[For general office chair only] Apply by means of the stability loading device a vertical force 250 N acting at a point 100 mm from the fore and aft centre line of the seat at the side where the supporting points are restrained and between 175 mm and 250 mm forward of the rear edge of the seat. Apply a vertical downward force 350 N acting at points on the arm rest which is on the same side as the restrained supporting points up to a maximum 40 mm inwards from the outer edge of the upper surface of the arm rest, but not beyond the centre of the arm rest, and at the most adverse position along its length. Apply a horizontal sideways force 20 N outwards from the same point for at least 5 s. Chair shall not overturns during test.	Pass
Office chair - office work chair - rearwards overbalancing for chairs without back rest inclination	EN 1335-3-2009 clause 7.1.6	[For general office chair only] A vertical force 600 N shall be applied at point "A" and a horizontal force 192 N shall be applied at point "B". If the back rest pad is pivoting around a horizontal axis above the height of the seat and is free to move, the horizontal force shall be applied on the axis. If height adjustable, the axis shall be set as close as possible to 300 mm above point "A". Chair shall not overturns during test.	N/A
Office chair - office work chair - rearwards overbalancing for chairs with adjustable back rest inclination	EN 1335-3-2009 clause 7.1.7	[For general office chair only] Load the chair with 13 discs so that the discs are firmly settled against the back rest. If the height of the stack of discs exceeds the height of the back rest, prevent the upper discs from sliding off by the use of a light support. Chair shall not overturns during test.	Pass
Office chair - office work chair - arm rest downward static load test - central	EN 1335-3-2009 clause 7.2.3	[For general office chair only] Apply the force 900 N to both arm rests simultaneously for 5 times. The loading points shall be at the mid point of the arm rest length and centred side to side. The arm rest shall be no fracture after test	Pass
Office chair - office work chair - rolling resistance of the unloaded chair	EN 1335-3: 2009 Clause 7.4	[For general office chair only] The unloading chair shall not roll unintentionally. The casters are of identical construction and the rolling resistance shall be larger and equal to 12 N when tested according to EN 1335-3: 2009 Clause 7.4. Modification = Expand scope to cover Home office chair with caster	Pass

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Attribute	Test Method/Standard	Requirement / Limit	Results
Castor fatigue test:	EN 1335-2:2000 Clause 4.4 / EN 1335-3:2000 Clause 6	[For general office chair only] Shall be loaded cyclically with 75 kg at point "A" for 60 s and unloaded for 30 s. The duration of the fatigue test shall be 100 h. Record the force used to push or to pull the chair before and after fatigue. The mean value of the forces measured over the distance from 250 mm to 500 mm is the rolling resistance. . After above fatigue test, the rolling resistance shall be $\geq 15$ N with castors type H or $\geq 12$ N with castors type W.	N/A
Castor fatigue test (alternative method)	EN 1335-2:2000 Clause 4.4 / EN 1335-3:2009 Clause 7.3.5/7.4	[For general office chair only] Shall be loaded with 110 kg at point "A". The fatigue test shall be 36000 cycles (one forward + one backward). The angle of rotation shall be from 0° to 180°, or a linear movement of 1000mm shall be provided. Record the force used to push or to pull the chair before and after fatigue. The mean value of the forces measured over the distance from 250 mm to 500 mm is the rolling resistance. After above fatigue test, the rolling resistance shall be $\geq 15$ N with castors type H or $\geq 12$ N with castors type W.	Pass

#### Dimensions to EN 1335 - Office work chairs

#### Type C

Denomination/code letter		nominal size (mm)	actual size (mm)	result
Seat height <sup>a)</sup>	adjustable adj. range	<b>a</b> $\leq 420$ to $\geq 480$ $\geq 80$	410-490 80	Pass
Seat depth	fixed adjustable	<b>b</b> $\geq 380$ $\leq 400$ to $\geq 400$	* 320-345	Fail
Depth of seat surface		<b>c</b> $\geq 380$	430	Pass
Seat width		<b>d</b> $\geq 400$	453	Pass
Inclination of seat surface	fixed adjustable	<b>e</b> $-2^\circ$ to $-7^\circ$ $\geq -2^\circ$ to $\leq -7^\circ$	* $-2^\circ$ to $-7.5^\circ$	Pass
Height of back supp. point "S" above the seat	fixed adjustable	<b>f</b> 170 to 220	245 *	Fail
Height of back rest	adjustable fixed	<b>g</b> $\geq 260$	* 497	Pass
Height of upper edge of the back rest above the seat		<b>h</b> $\geq 360$	525	Pass
Back rest width		<b>i</b> $\geq 360$	453	Pass
Back rest radius horizontal		<b>k</b> $\geq 400$	>900	Pass
Back rest inclination	adj. range	<b>l</b>	/	
Length of the armrest		<b>n</b> $\geq 200$	260	Pass
Width of the armrest <sup>b)</sup>		<b>o</b> $\geq 40$	90	Pass
Height of armrest	fixed	<b>p</b> 200 to 250	*	

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Absatz	TRGC-ODP-HL-TP-09010-EU_V4		Messergebnisse - Bemerkungen	Bewertung
Clause	Anforderungen - Prüfungen / Requirements - Tests		Measuring results - Remarks	Evaluation
above the seat adjustable		$\leq 200$ to $\geq 250$	235-295	Fail
Distance of armrest to the front edge of the seat <sup>c)</sup>	<b>q</b>	$\geq 100$	80-90	Fail
Clear width between armrests <sup>d)</sup>	<b>r</b>	$\geq 460$	435	Fail
Max. offset of the <b>s</b> of the underframe <sup>e)</sup>	<b>s</b>	$\leq x^f + 50$	350	Pass
Stability dimension <b>t</b>	<b>t</b>	$\geq 195$	226	Pass

a) The limits of the minimum adjustable range consider work heights of min 680 mm to 780 mm. Some users need a foot rest.

b) This requirement applies for a minimum length of "n".

c) This requirement applies for a length from 170 mm above point "A".

d) This requirement applies for  $\frac{3}{4}$  of the seat depth "b" (measured from the seat front edge) with back rest setting most forwarded.

e) When castors are used the requirement is: 415 mm.

f) "x" is the maximum horizontal distance between parts of the upper part of the chair and the axis of rotation.

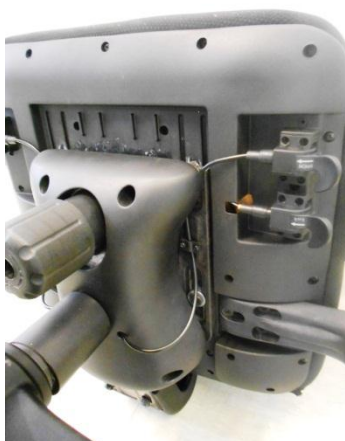
#### Note:

- 1 The sample was not submitted with packaging. Therefore, any further action or final approval will be needed by manufacturer, vendor or distributor for complying the Packaging and Labeling Act. Any product that is packaged shall conform to the Fair Packaging and Labeling Act & Uniform Packaging and Labeling Regulation. It should include the manufacturers or distributor's name and place of business including the street address, city, state and zip code, as well as description of the item and quantity if it is unclear at the point of sale. The product must provide the country of origin if not manufactured in the USA.

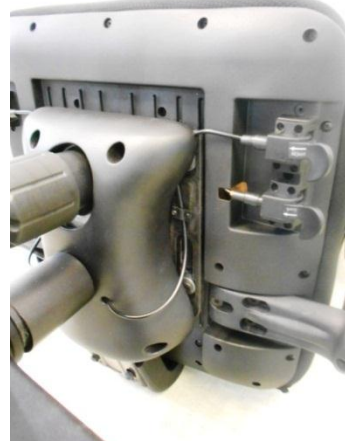
#### Remark:

- Clause(s) with the symbol " / " in the result refers to the result(s) of its sub-clause(s).
- Detailed information regarding measurement uncertainty is available in the test laboratory(s) and could be shown on client request. Deviation report in Simplified Chinese is available on client's request.

#### Pictures of remarks:



Pic. 5: Detail of seat depth adjustment (manually) 1



Pic. 6: Detail of seat depth adjustment (manually) 2

\*\*\* End of test report \*\*\*