

Prüfbericht-Nr.: <i>Test Report No.:</i>	174012830/GZF/01-01	Auftrags-Nr.: <i>Order No.:</i>	174012830	Seite 1 von 5 Page 1 of 5
Kunden-Referenz-Nr.: <i>Client Reference No.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	18.07.2013	
Auftraggeber: <i>Client:</i>	Comfort Office Furniture CO., LTD NO.3 Park, Lujing Industrial Zone, Nansha District 511458 Guangzhou, Guangdong			
Prüfgegenstand: <i>Test item:</i>	Office Chair			
Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i>	SKATE Training Chair / SKEP-B-LAM			
Auftrags-Inhalt: <i>Order content:</i>	Test requirements for Mechanical character			
Prüfgrundlage: <i>Test specification:</i>	BIFMA X5.1: 2011 General-Purpose Office Chairs - Tests			
Wareneingangsdatum: <i>Date of receipt:</i>	22.07.2013			
Prüfmuster-Nr.: <i>Test sample No.:</i>	A000018409-001~004			
Prüfzeitraum: <i>Testing period:</i>	23.07.2013 – 05.08.2013			
Ort der Prüfung: <i>Place of testing:</i>	Unit 201, NO.7 Caipin Road, Guang-zhou, P.R. China			
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Guangdong) Ltd.			
Prüfergebnis*: <i>Test result*:</i>	Pass			
geprüft von / tested by:		kontrolliert von / reviewed by:		
06.08.2013	William Liu / TE	06.08.2013	Waley Huang / TC	
Datum <i>Date</i>	Name / Stellung <i>Name / Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>	Name / Stellung <i>Name / Position</i>
				Unterschrift <i>Signature</i>
Sonstiges / Other: N/A				
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>		Prüfmuster vollständig und unbeschädigt <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				
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. <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>				

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Liste der verwendeten Prüfmittel
List of used test equipment

[illegible]

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Produktbeschreibung
Product description

1	Produktdetails <i>Product details</i>	See page 5.
2	Maße / Gewicht <i>Dimensions / Weight</i>	See page 5.
3	Bedienelemente <i>Operating elements</i>	6 casters, tablet arm
4	Ausstattung / Zubehör <i>Equipment / Accessories</i>	N/A
5	Verwendete Materialien <i>Used materials</i>	Plastic, aluminum & fabric
6	Sonstiges <i>Other</i>	N/A

Pic. 1: Front view



Pic. 2: Side view



Pic. 3: Back view



Pic. 4: Bottom view



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Absatz	BIFMA X5.1: 2011	Messergebnisse - Bemerkungen	Bewertung
Clause	Anforderungen - Prüfungen / Requirements - Tests	Measuring results - Remarks	Evaluation

1	Scope		
2	Definitions		
3	General		
4	Types of Chairs	Type III	/
5	Backrest Strength Test – Static – Type I		N/A
6	Backrest Strength Test – Static – Type II & III		P
7	Base Test - Static		N/A
8	Drop Test – Dynamic	(refer to Note #1)	P
9	Swivel Test - Cyclic		N/A
10	Tilt Mechanism Test – Cyclic		N/A
11	Seating Durability Tests – Cyclic		P
12	Stability Tests		
12.3.1	Rear Stability Test for Type III Chairs	Seat H(loaded): 415 mm Tipping force: 212 N	P
12.3.2	Rear Stability Test for Type I and II Chairs		N/A
12.4	Front Stability	Tipping force: 50 N	P
13	Arm Strength Test – Vertical – Static		P
14	Arm Strength Test – Horizontal – Static		P
15	Backrest Durability Test – Cyclic – Type I		N/A
16	Backrest Durability Test – Cyclic – Type II and III		P
17	Caster/Chair Base Durability Test - Cyclic		
17.1	Caster/Chair Base Durability Test for Pedestal Base Chairs		N/A
17.2	Caster/Chair Frame Durability Test for Chairs with Legs		P
18	Leg Strength Test – Front and Side Application		N/A
19	Footrest Static Load Test - Vertical		N/A
20	Footrest Durability Test – Vertical – Cyclic		N/A
21	Arm Durability Test – Cyclic		P
22	Out Stop Tests for Chairs with Manually Adjustable Seat Depth		N/A
23	Tablet Arm Chair Static Load Test	(refer to Note #2)	P
24	Tablet Arm Chair Load Ease Test – Cyclic		P
Appendix A	Impact Test Bag Construction Detail		
Appendix B	Stability Disk – Construction Details		

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Note:

- #1. A piece of plastic was detached from the bottom after functional drop, however, there was no loss of serviceability. (See Pic. 5-6)
- #2. The load was applied on the weakest position that the weight will not slide away from the tablet.

Dimensions (only chair):

Height:	921 mm	Backrest Height:	490 mm
Width:	635 mm	Backrest Width:	435 mm
Depth:	640 mm	Seat Height:	460 mm
Weight:	17.2 kg	Armrest height:	202 mm
Classification:	Type III		

Dimensions (tablet):

Width:	566 mm
Depth:	301 mm
Thickness:	26 mm

Remark :

- Clause(s) with the symbol “ / ” in the result refers to the result(s) of its sub-clause(s).

Pictures of remarks:



Pic. 5: Detached plastic after functional drop (1)



Pic. 6: Detached plastic after functional drop (2)

*** End of test report ***