

CE DIRECT INTERNATIONAL (CHINA) CO., LTD

UNIT 12, 128 YAObEI ROAD, JIUFU INDUSTRIAL ESTATE, JIUTING, SONGJIANG, SHANGHAI.

The following sample(s) was / were submitted and identified on behalf of the client as:

Sample Description : EXTRA HIGH BACK TASK CHAIR
Style / Item No. : 9453714
Supplier : CE DIRECT
Country of Origin : CHINA
Country of Destination : UK
Test Requested : BS 5459-2:2000 +A2:2008 SPECIFICATION FOR PERFORMANCE REQUIREMENTS AND TESTS FOR OFFICE FURNITURE – PART 2:OFFICE PEDESTAL SEATING FOR USE BY PERSONS WEIGHTING UP TO 150 KG AND FOR USE UP TO 24 HOURS A DAY, INCLUDING TYPE—APPROVAL TESTS FOR INDIVIDUAL COMPONENTS.

Sample Receiving Date : NOV.10, 2019
Test Performing Date : NOV.10, 2019 TO DEC.21, 2019
Test Result(s) : FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)
Conclusion(s) : THE SUBMITTED SAMPLE **MEETS** THE TEST REQUIREMENTS OF BS 5459-2:2000 +A2:2008 EXCEPT FOR CLAUSE 4.5 TYPE APPROVAL TEST WHICH IS NOT TESTED, AND CLAUSE 5 MARKING WHICH IS NOT PROVIDED.

Signed for and on behalf of
SGS-CSTC Co., Ltd.David Fan
Engineer

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Test Conducted: BS 5459-2:2000 +A2:2008

Details were shown as following table.

Requirements	Result
4. Requirements	---
4.1 Durability After completing 120 000 cycles of the fore-and-aft safety test specified in A.5.1, followed by the tests specified in A.5.2, A.5.3 and A.5.4, the chair shall not fail as specified in 4.6.1. After completing 120 000 cycles of the locking device fatigue test specified in A.7.9, safe failure is permitted. The number of cycles at which this occurs shall be recorded.	PASS (see annex I)
4.2 Component durability When tested in accordance with A.7, the components shall not fail as specified in 4.6.1.	PASS (see annex I)
4.3 Stability When tested in accordance with A.6, the chair shall not overturn.	PASS (see annex I)
4.4 Safety When tested for the remaining 380 000 cycles of the fore-and-aft safety test specified in A.5.1 (see A.1.7), and when tested in accordance with A.5.5, the chair shall not fail as specified in 4.6.1 or shall fail safely as specified in 4.6.2.	PASS (see annex I)
4.5 Type approval of bases, columns, seat actions, back stems and locking devices	NT#1
5 Marking	---
5.1 Complete chairs Each item of seating that conforms to this standard shall be marked with the following, or shall be accompanied by the following information: a) the name of the manufacturer, registered trade name, registered trade mark or other means of identifying the manufacturer; b) the number and date of this British Standard, i.e. BS 5459-2:2000); c) the date of manufacture of the item	NP#2
5.2 Columns, bases, seat actions, back stems and locking devices Columns, bases, seat actions, back stems and locking devices which have been tested in accordance with A.8. and found to conform to 4.5 shall be permanently marked with the following: a) the name of the manufacturer, registered trade name, registered trade mark or other means of identifying the manufacturer; b) the model number; c) the date of manufacture The marking shall be located so that it is visible on the outside of the component.	NP#2

To Be Continued...

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Annex I: Result of tests

Clause	Test description	Test parameters		Result	Note
A.5.1	Fore-and-aft safety test	Seat load V_1 : Back load H_1 : Load applied to front edge V_2 : Maximum number of cycles:	1324 N 704 N 1400 N 500 000	PASS	---
A.5.2	Seat impact test	Drop height	350 mm	PASS	---
A.5.3	Back impact test	Drop height Angle	330 mm 48°	PASS	---
A.5.4	Drop test	Drop height	450 mm	PASS	---
A.5.5	Side-to-side safety	Downward vertical load: Maximum number of cycles:	1200 N 250 000	PASS	---
A.6.2.1	Forward overturning for all chairs, and sideways overturning for chairs without arms	Downward vertical force: Horizontal force:	600 N 20 N	PASS	---
A.6.2.2	Sideways overturning for armchairs	Downward vertical force on seat: Downward vertical force on arm: Horizontal force:	250 N 350 N 20 N	PASS	---
A.6.3.1	Rearward overturning	Downward vertical force on seat: Overturning force F:	600 N 138 N	PASS	---
A.6.3.2	Accidental rearward overturning	---	---	PASS	---
A.6.4	Rearward overturning of tilting and reclining chairs	13 discs	---	PASS	---
A.7.2	Arm sideways static load	Outward horizontal force	600 N	PASS	---
A.7.3	Arm downward static load	Downward vertical force	1200 N	PASS	---
A.7.4	Arm impact	Angle	48°	PASS	---
A.7.5	Chair swiveling test	Downward vertical force: Number of cycles:	1200 N 100 000	PASS	---
A.7.6	Seat height adjustment	Downward vertical force: Number of cycles:	1200 N 10 000	PASS	---
A.7.7	Footrest fatigue	Downward vertical force: Number of cycles:	1200 N 200 000	NA	#3
A.7.8	Durability of controls	Force	100 N	PASS	---
A.7.9	Locking device fatigue	Back load H_1 : Number of cycles:	704 N 500 000	PASS	---

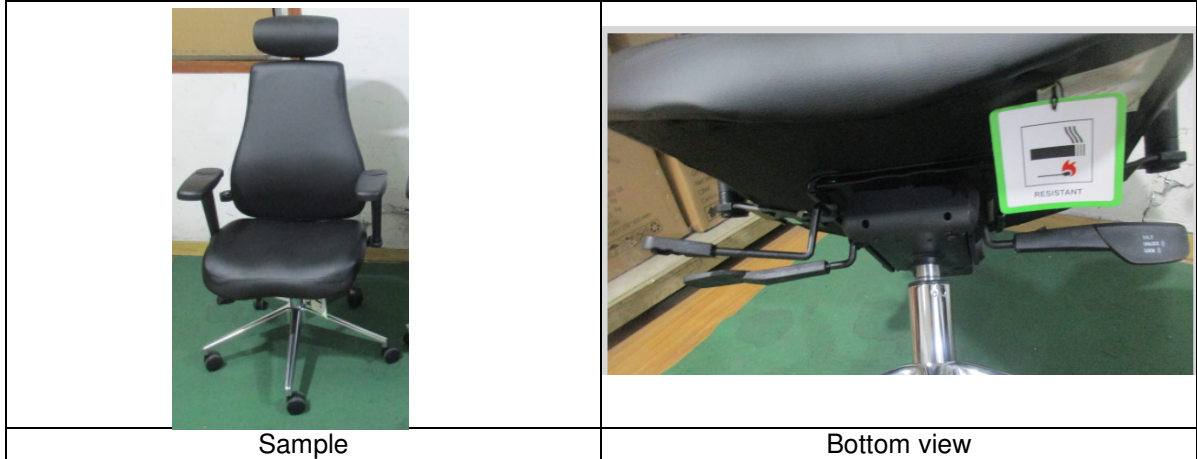
Notes:

- #1: NT means not test as applicant's requirement.
- #2: NP means not provided.
- #3: NA means not applicable for this product design.

To Be Continued...

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Sample Photo:



End of Report

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