



## Test Report

No.: SHHL1709052431FT-01

Date: SEP. 30, 2017

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TOOU LTD

RM1501-C1, GRAND MILLENNIUM PLAZA (LOWER BLOCK), 181 QUEEN'S ROAD CENTRAL,  
HONG KONG.

THE TEST RESULTS WERE TRANSFERRED FROM TEST REPORT NO. SHHL1709052431FT,  
DATE: SEP. 22, 2017

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

Sample Description : CADREA CHAIR  
Style/ Item No. : TO-1746  
Sample Receiving Date : SEP. 08, 2017  
Testing Period : SEP. 08, 2017 TO SEP. 22, 2017  
Test Performed : SELECTED TEST(S) AS REQUESTED BY APPLICANT  
Test Requested : 1. SEAT AND BACK STATIC LOAD TEST (EN 16139:  
2013 CLAUSE 5&EN 1728:2012 CLAUSE 6.4) (LEVEL  
L2)  
2. SEAT AND BACK FATIGUE TEST (EN 16139: 2013  
CLAUSE 5&EN 1728:2012 CLAUSE 6.17) (LEVEL L2)  
Test Result(s) : FOR FURTHER DETAILS, PLEASE REFER TO THE  
FOLLOWING PAGE(S)

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Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Melody Zhang  
Authorized Signatory



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## Test Conducted:

EN 16139: 2013 Furniture – Strength, durability and safety requirement for non-domestic seating

Test condition : All the physical tests were carried out on 20°C±5°C condition.

Test level : Level L2

Nos. of Specimen : 1 pc.

Test Result : Details shown as following table

Test Item	Test Method & Test Requirement			Test Result
<b>Safety, strength and durability requirements (EN 16139:2013, 5)</b> These safety, strength and durability requirements are fulfilled when during and after testing in accordance with Table 1: a) there are no fractures of any member, joint or component; b) there are no loosening of joints intended to be rigid; c) no major structural element is significantly deformed; d) the chair fulfils its functions after removal of the test loads. Stability requirements are fulfilled when after testing in accordance with Table 1 the seating does not overturn.				
Seat and back static load test (EN 1728:2012, 6.4)	For seating without a back rest only seat force shall be applied. Apply a downward force at the seat loading position. With the downward force maintained, apply a back force at back loading position. Repeat the operation for specified times, 10s each time.			Pass
	Seat force(N)	Back force(N)	Number of cycles	
	2000	700	10	
Seat and back fatigue Test (EN 1728:2012, 6.17)	For seating without a back rest only seat force shall be applied. Apply a downward force at the seat loading position. With the downward force maintained, apply a back force at back loading position.			Pass
	Seat force(N)	Back force(N)	Number of cycles	
	1000	300	200000	



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### Sample Photo:

Received sample (Front view)



Received sample (Side view)



SGS authenticate the photo on original report only

\*\*\*End of Report\*\*\*



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4<sup>th</sup> Building, No.889, Yishan Road, Xuhui District Shanghai, China 200233 t (86) 400 960 9661 f (86-21) 6115 6899 www.sgs.com.cn  
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