

ULR -TC644220100006401F

TEST REPORT

**Report No. : MAN:HL:1148006428**

**DATE : 27<sup>th</sup> November, 2020**



**HNI OFFICE INDIA LIMITED**  
 K-52, MIDC HINGNA ROAD, NAGPUR  
 MAHARASHTRA-440016  
 INDIA  
**CONTACT PERSON : MANOJ SHIWANKAR**

**THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :**

**SAMPLE DESCRIPTION** FLUENCE CHAIR WITH 1D ARM  
**COLOUR** BLACK  
**COUNTRY OF ORIGIN** INDIA  
**SAMPLE RECD ON** 28/10/2020  
**TEST PERFORMING DATE** 30/10/2020 TO 12/11/2020

**SUMMARY OF TEST RESULTS:**

TEST REQUESTED	CONCLUSION
<b>NABL ACCREDITED TESTS:</b>	
Backrest Strength Test - Static - Type III – Proof Load (ANSI/BIFMA X5.1: 2017, Section 6.4.2)	Pass
Arm Strength Test – Vertical – Static - Proof Load (ANSI/BIFMA X5.1: 2017, Section 12.4.2)	Pass

Per Pro SGS India Pvt. Ltd.



**Sandip Bhushan (Technical Manager)**  
**Authorized Signatory**

Email your Test Report Related Enquiries at [Feedback.HLT@sgs.com](mailto:Feedback.HLT@sgs.com)

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**TEST RESULTS:**

Types of chairs: Type- I & III

Sample overall size : Length: 695 mm, Width: 710 mm, Height: 1140 mm, Weight: 16.00 kg/ 35.27 lbs.

Test and Requirements	Test Results
<b>6 Backrest strength test-static-type III</b>	
<b>6.4.2 Proof Load</b> There shall be no suddedn and major change in the structural integrity of the chair, loss of serviceability is accepatable, when 1001N (225 lbf.) is applied to the backrest at the specified position of one (1) minute. With the backrest at its back stop position, apply a force that is initially 90 degrees± 10 degrees to the plane of the backrest. The force is not intended to be maintained at 90 degrees ± 10 degress throughout the loading of the backrest.	Pass
<b>12 Arm Strength Test - Vertical - Static</b>	
<b>12.4.2 Proof Load</b> Apply an initially vertical pull force of 1125N (253 lbs.) to the load adapter which is 127 mm (5 in.) long and at least as wide as the width of the arm shall be attached to the top of the arm rest structure such that the load will be applied at the apparent weakest point that is forward of the chair backrest, for 15 seconds. There shall be no sudden and major change in the structural integrity of the chair. For a height adjustable arm, a sudden drop in height of greater than 25 mm (1 in.) does not meet this requirement. Loss of serviceability is acceptable.	Pass

**Note:**

- Only selected parameter has been performed as per client's request.
- Testing has been performed as per client's request.

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Sample As Received



Front View



Side View



Back View



Understructure View

\*\*\*\*\*END OF REPORT\*\*\*\*\*

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