CHUAN LIN WANG CO., LTD.

No.135, Kung Yuan Road, Shia Yin District, Tainan City, Taiwan

The following merchandise was submitted and identified by the applicant as:

<u>Product Description:</u>   Office Chair

<u>Style/Item No.:</u>   Therapod XHR(D109)

We have tested the submitted sample(s) as requested and the following results were obtained:

<u>Type of chair:</u>   TYPE I, Tilting chair (with tilt locks, locking the chair changes to type III, fixed seat angle, fixed backrest)

<u>Test Requested:</u>   For compliance with ANSI/BIFMA X5.1-2017 General-Purpose Office Chairs-Tests
Clause 5 Back Strength Test - Static - Type I & II
Clause 10 Seating Durability Test – Cyclic
Clause 12 Arm Strength Test Vertical – Static
Clause 13 Arm Strength Test Horizontal – Static

<u>Test Methods:</u>   According to test procedures of ANSI/BIFMA X5.1-2017

<u>Test Results:</u>   ---See following sheet(s)---

<u>Date of Receipt</u>：   Jul. 17, 2020

<u>Testing Period</u>：   Jul. 17, 2020   ~   Sep. 17, 2020

<u>Conclusion:</u>   The submitted sample(s) **complies with** Clause 5, 10, 12 and 13 of ANSI/BIFMA X5.1-2017 General-Purpose Office Chairs-Tests.

**Signed for and on behalf of
SGS Taiwan Ltd.**

Stan Yang
Team Leader

Evaluation	Citation/Method	Criteria	Results	Rating
PERFORMANCE				
Back Strength Test - Static - Type I & II - Functional Load	ANSI/BIFMA X5.1-2017 Clause 5.4.1	No structural breakage or loss of serviceability when 150 lb (667 N) is applied for 1 min. applied to 70° from back at 16 in above the seat. If the back is less than 17.8 in, the load is applied at the top of the back.	M	Pass
Back Strength Test - Static - Type I & II - Proof Load	ANSI/BIFMA X5.1-2017 Clause 5.4.2	No sudden and major change in the structural integrity (Loss of serviceability is acceptable) when 225 lb (1001 N) is applied for 1 min. applied to 70° from back at 16 in above the seat. If the back is less than 17.8 in, The load is applied at the top of the back.	M	Pass
Impact Test – Cyclic	ANSI/BIFMA X5.1-2017 Clause 10.3	No loss of serviceability in 100,000 cycles impact. A weight of 57 kg (125 lbs.) free falls onto the seat from 1.4 in. height.	M	Pass
Front Corner Load Ease Test – Cyclic – off Center	ANSI/BIFMA X5.1-2017 Clause 10.4	No loss of serviceability after 20,000 cycles to both front seat corners from a 890 N (200 lbs.) load positioned flush to both outer edges applied without impact for a total of 40,000 cycles Note: this test is done after "Impact test" on the same sample.	M	Pass
Arm Strength Test Vertical – Static – Functional Load	ANSI/BIFMA X5.1-2017 Clause 12.4	No loss of serviceability when 750 N (169 lbs.) is applied for 1 min. The vertical load is uniformly applied along a 127 mm (5 in.) length at the apparent weakest point.	M	Pass
Arm Strength Test Vertical - Static - Proof Load	ANSI/BIFMA X5.1-2017 Clause 12.4	No sudden and major change in the structural integrity (loss of serviceability is acceptable) when 1125 N (253 lbs.) is applied for 15 sec. The vertical load is uniformly applied along a 127 mm (5 in.) length at the apparent weakest point.	M	Pass
Arm Strength Test - Horizontal – Static – Functional Load	ANSI/BIFMA X5.1-2017 Clause 13.4	No loss of serviceability when 445 N (100 lbs.) for 1 min. is applied horizontally outward to the armrest at the most forward point of the armrest.	M	Pass
Arm Strength Test - Horizontal – Static - Proof Load	ANSI/BIFMA X5.1-2017 Clause 13.4	No sudden and major change in the structural integrity (loss of serviceability is acceptable) when 667 N (150 lbs.) for 15 sec. is applied horizontally outward to the armrest at the most forward point of the armrest.	M	Pass

Results Key:

M	Meets	N/M	Does Not Meet
N/A	Not Applicable	N/T	Not Tested
C	Claimed	R	Recorded

Rating Key:

Pass
Fail

Note:

1. The content of this report is invalid if it is not presented as the entire report.

2. The statement of conformity is based on the test results, but does not include the measurement uncertainty.

– Pictures –

Photo A: Appearance of the sample - front

Photo B: Appearance of the sample - side

Photo C: Appearance of the sample - back

Photo D: Type(s) of the chair

---End of Report---