GRUPO ERGONOMIA, S.A. DE C.V.
AV. DE LAS INDUSTRIAS NO. 502, PARQUE INDUSTRIAL ESCOBEDO,
GENERAL ESCOBEDO, NUEVO LEÓN, MÉXICO C.P. 66062.

Sample Description : TRANE GR A OFFICE CHAIR / ORION GR T OFFICE CHAIR

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

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Sample Receiving Date : Mar 05, 2024

Test Performing Date : Mar 07, 2024 to Mar 12, 2024

Test Performed : Selected test(s) as requested by applicant

Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	Backrest Strength Test - Static of ANSI/BIFMA X5.1-2017 (R2022)	PASS	/
For further details, please refer to the following page(s)			

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch

Scan to see the report
SDHL2403003231FT
Verification:
check.sgsonline.com.cn

Marco Leung
Authorized Signatory

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中国·广东·佛山市顺德区大良街道办事处五沙社区居民委员会顺和南路1号欧洲工业园一号厂房首层、二层 邮编: 528300 t (86–757)22805888 sgs.china@sgs.com

TESTS AND RESULTS

Test Conducted:
Backrest Strength Test - Static of ANSI/BIFMA X5.1-2017 (R2022) General-Purpose Office Chairs.

No. of Sample:
2 pieces (Sample #1 & #2). For more sample information and pictures, please refer to the following page.

Chair #1 Type:
☐ Type I. Tilting chair
☐ Type II. Fixed seat angle, tilting backrest
☒ Type lll. Fixed seat angle, fixed backrest

Chair #2 Type:
☒ Type I. Tilting chair
☐ Type II. Fixed seat angle, tilting backrest
☒ Type lll. Fixed seat angle, fixed backrest

Test and Requirements	Test Results
5 Backrest Strength Test - Static - Type l and II	
Functional Load Force: 667 N (150 lbf.) for one minute. Acceptance level: There shall be no loss of serviceability to the chair.	Sample #1: N/A Sample #2: PASS
Proof Load Force: 1001 N (225 lbf.) for one minute. Acceptance level: There shall be no sudden and major change in the structural integrity of the chair. Loss of serviceability is acceptable.	Sample #1: N/A Sample #2: PASS
6 Backrest Strength Test - Static - Type lll	
Functional Load Force: 667 N (150 lbf.) for one minute. Acceptance level: There shall be no loss of serviceability to the chair.	Sample #1: PASS Sample #2: PASS
Proof Load Force: 1001 N (225 lbf.) for one minute. Acceptance level: There shall be no sudden and major change in the structural integrity of the chair. Loss of serviceability is acceptable.	Sample #1: PASS Sample #2: PASS

Remark:
1. For the sample information and pictures, please refer to the following page.

SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch
检验检测专用章 Inspection & Testing Services

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SAMPLE INFORMATION AND PICTURES

Weight: Sample #1: 5.70 kg
Sample #2: 17.60 kg

Overall Dimensions: Sample #1: 515 mm W x 525 mm D x 780 mm H
Sample #2: 780 mm W x 720 mm D x (1217~1316) mm H

Other Dimensions: Base radius 355 mm

Sample as Received


Sample #1 - View 1


Sample #1 - View 2


Sample #1 - View 3


Sample #1 - View 4

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Sample #2 - View 5



Sample #2 - View 6



Sample #2 - View 7



Sample #2 - View 8

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (*w*=0) stated in ILAC-G8:09/2019.

End of Report

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