SUNNIX (HK) FURNITURE CO LTD
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Sample Description : G9-2 CHAIR (NATUS Q24)

Item No. : G9-2 CHAIR (NATUS Q24)

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 : Sep 04, 2025

Test Performing Date : Sep 04, 2025 to Sep 18, 2025

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

Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	VEYER-FT0001.1-Heavy Duty Office Chair (400lb/181Kg) -US-CAN-V12.0	PASS	The overall rating was based on those tests conducted.
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

Marco Leung
Authorized Signatory

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Verification:
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TESTS AND RESULTS

Test Conducted:
VEYER-FT0001.1-Heavy Duty Office Chair (400lb)-US-CAN-V12.0.

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

Test Property	Test Method	Test Principle / Requirements	Results
SCOPE: This protocol is applicable for Heavy Duty Office Chair intended to use for weight 400lb. including wire-control chairs. (See PPT sheet and claims on Packaging/Instruction/Labeling for Weight Capability) ***REFERENCE:*** *Where there are no applicable US standards, SGS has chosen the most relevant International, National standards to assess the product safety and performance. For undated references, the latest edition of the referenced document (including any amendments) applies.* **NOTE: Gas Lift Design: If the gas lift is welded to the seat plate, DO NOT PROCEED WITH TESTING THE PRODUCT, FAIL THE TEST & IMMEDIATELY ISSUE THE TEST REPORT.**			
REGULATORY SUPPLEMENT PROTOCOLS			
* Children's Product (Non-toys)	Applicable sections from SGS Protocol VEYER-1015	Product to be tested against all applicable requirements of this protocol.	N/A
* Labeling Requirement	SGS Protocol VEYER-LB0001	Product to be tested against all applicable requirements of this protocol.	N/R
* Chemical Requirement	Applicable sections from SGS Protocol VEYER-CM0001	Product to be tested against all applicable requirements of this protocol complying with the regulation of the general product in the destination countries.	N/R
* Bedding or upholstered furniture	SU0002-US-CAN SU0003-US-CAN	Bedding or upholstered furniture shall comply with the labelling, flammability and chemical requirement in accordance with the regulations.	N/R
HAZARDS			
Sharp points / Sharp edges	16 CFR 1500.48/49 (Mod.)	Shall have no sharp points/edges, other than those required for function. Modification = Expanded scope of to include other products.	PASS

Test Property	Test Method	Test Principle / Requirements	Results
Corners and edges, trapping, pinching and shearing	EN 1335-2:2018, 4.1 (mod)	The chair shall be so designed as to minimise the risk of injury to the user. All parts of the chair with which the user comes into contact during intended use, shall be so designed that physical injury and damage to property are avoided. - the safety distance of accessible movable parts is either ≤ 8 mm or ≥ 25 mm in any position during movement; - accessible corners are rounded with minimum 2 mm radius; - the edges of the seat, back rest and arm rests which are in contact with the user when sitting in the chair are rounded with minimum 2 mm radius; - the edges of handles are rounded with minimum 2 mm radius in the direction of the force applied; - all other edges are free from burrs and rounded or chamfered; - the ends of accessible hollow components are closed or capped.	N/R
Adjusting devices	EN 1335-2: 2018, 4.1 (mod)	Movable and adjustable parts shall be designed so that injuries and inadvertent operation are avoided. It shall be possible to operate the adjusting devices from sitting position in the chair.	PASS
PHYSICAL CHARACTERISTICS REQUIREMENTS			
Overall Dimensions	Standard measure	Report overall dimensions; shall meet label claims (if applicable) (+/- 0.50 inches). Report in primary units as claimed.	No claim R: 730 mm D x 760-790 mm W x 1200-1415 mm H
Weight	Standard measure	Report overall weight; shall meet label claims (if applicable). Report in primary units as claimed. (-10 / +10%)	No claim R: 24.8 kg
Seat dimension - length x width	Standard measure	Report actual	R: 590 x 550 mm
Seat dimension-height	Standard measure	Report actual in Max. and Min.	R: 515 - 600 mm
Foam Density	Standard measure	Report actual and cross check with specifications	N/R
Type of chair	Visual check/Actual use	Report actual type of chair according to BIFMA X5.11-2015.	R: Type I, III

Test Property	Test Method	Test Principle / Requirements	Results
Type of support	Visual check/Actual use	Report actual, e.g.: - Pedestal base with/without casters or glides - Legs with/without casters or glides. - Cylinder or others	R: Pedestal base with casters
Type of seat	Visual check/Actual use	Report actual; e.g.: - Tilting or non-tilting - Adjustable or non adjustable in seat height - Adjustable or non adjustable in seat depth	R: -Tilting -Adjustable in seat height - Adjustable in seat depth
Type of back	Visual check/Actual use	Report actual; e.g.: - Tilting or non-tilting - Adjustable or non adjustable in back height	R: - Tilting - Adjustable in back height
Type of arm	Visual check/Actual use	Report actual; e.g.: - Adjustable or non adjustable in height, - Adjustable or non adjustable in angle, - Adjustable or non adjustable in depth	R: - Adjustable in height - Adjustable in angle - Adjustable in depth
CONSTRUCTION & WORKMANSHIP REQUIREMENTS			
Defects	Visual	Shall have no discernible surface degradation, including crazing, shivering, denting, bubbles, cracks, stains, deformations, chips, fractures, heavy lines, waves, shear marks, scratches, scuff marks, indentations, or blisters. Shall have no components missing, malformed, and/or fractured. Sample is checked for workmanship in "as received" condition.	PASS
Fabric defects	ASTM D3990-12(2020)	No major defects / two minor defects (Max.)	N/R
Fabric evenness of color	ASTM D3990-12(2020)	Shall provide uniform color	N/R
Visual quality **(For Thomasville brand)**	Visual check/Actual use	Verify that the overall appearance complies with the initial design. This applies in particular to high end products. Check all seams and stitchings. No wrinkles or other irregularities shall be visible. Backrest shall be even, square and level. Finishing of wooden and metal parts shall be impeccable. All surfaces shall be smooth, well sanded and properly finished.	N/R

Test Property	Test Method	Test Principle / Requirements	Results
Ergonomic checklist	VEYER Requirement / Visual Check/ Actual use	If chair is claimed to be Ergonomic, the technician is to verify chair meets 7 of the below features. Tension Adjustment Chair Tilt Lock Height adjustable Back Height Adjustment Seat Depth/Pan Adjustment Forward Seat Angle Back Angle Adjustment Adjustable Arms Arm Angle Tilt Synchronic Tilt Movement Waterfall Seat Edge Properly Contoured Cushions Center Tilt Movement Lumbar Support Width Adjustable Arms 5 Pedestal Base Record which features are met. Seven (7) is required for a pass.	N/R
Textile material claims vs bom - for leather or pvc or fabric etc	VEYER Requirement / Visual Check/ Actual use	[VEYER requirement] BOM documentation must coincide with retail packaging label claims. For example, if retail packaging claims a chair to be "leather", then all upholstered components (seat, back, arms, sides, piping, & headrest) must indeed be leather. BOM (bill of materials) to be requested from product vendor / manufacturer. Rate as FAIL if BOM does not coincide with label claims. NOTE: A material that contains ground, pulverized, shredded, reconstituted or bonded leather cannot be represented as being wholly leather. Adequate disclosure of these leather types must be present.	N/R
PERFORMANCE REQUIREMENTS			

Test Property	Test Method	Test Principle / Requirements	Results
Product specification (SPEC)	VEYER Requirement	Lab must request Specification from the VEYER US Engineer assigned to the product category and must confirm specifications against testing results from the provided sample. If Specification is not provided or specification values do not match test results the report rating shall be Fail.	N/R
Actual use - functionality – not covered by other tests	Actual use	Shall function as intended as received. Report details of evaluation (features tested / methods used / materials used / etc.) Report any features not evaluated.	PASS
Adjustability	Actual use	Adjustment range of claimed features / functions (seat pan, lumbar support, etc) shall meet claims.	N/A
Seat width measurement	BIFMA X5.11-2015 R(2020) Clause 5	Determine seat width using the template/according to the CMD. The seat width shall be 560 mm(22 in) min.	PASS
Backrest strength test - static - type i - functional load	BIFMA X5.11-2015 R(2020) Clause 6(mod.)	No loss of serviceability when 1423 N (320 lb) is applied for 1 min. Applied to 90° 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.	PASS
Backrest strength test - static - type i - proof load	BIFMA X5.11-2015 R(2020) Clause 6(mod.)	No sudden and major change in the structural integrity (loss of serviceability is acceptable) when 2002 N (450 lb) is applied for 1 min. applied to 90° 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.	PASS
Backrest strength test - static - type ii - functional load	BIFMA X5.11-2015 R(2020) Clause 7(mod.)	[Nontilt or adjustable seat - tilt back] No loss of serviceability when 1068 N (240 lb) is applied for 1 min. applied to 90° 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.	N/A
Backrest strength test - static - type ii - proof load	BIFMA X5.11-2015 R(2020) Clause 7(mod.)	[Nontilt or adjustable seat - tilt back] No sudden and major change in the structural integriy (loss of serviceability is acceptable) when 1779 N (400 lb) is applied for 1 min. applied to 90° 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.	N/A

Test Property	Test Method	Test Principle / Requirements	Results
Backrest strength test - static - type iii - functional load	BIFMA X5.11-2015 R(2020) Clause 7(mod.)	[Nontilt or adjustable seat - fixed, flex, or manually adjustable back] No loss of serviceability when 1068 N (240 lb) is applied for 1 min. applied to 90° 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.	PASS
Backrest strength test - static - type iii - proof load	BIFMA X5.11-2015 R(2020) Clause 7(mod.)	[Nontilt or adjustable seat - fixed, flex, or manually adjustable back] No sudden and major change in the structural integrity (loss of serviceability is acceptable) when 1779 N (400 lb) is applied for 1 min. applied to 90° 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.	PASS
Base test - static	VEYER's requirement	[Pedestal base] No sudden and major change in the structural integrity after 11,785 N (2650 lb) compression for 1 min. The weight is then removed and reapplied for 1 min. The center column may not touch the test platform during load applications. ***For plastic base:*** Record pass result and continue to increase the force until damage the base. Record the force value.	PASS Record for plastic base: 18149N
Drop test - dynamic - functional load	BIFMA X5.11-2015 R(2020) Clause 8 (mod.)	No loss of serviceability when 163kg (360 lb) free falls from 6 In. height to the center of the seat.	PASS
Drop test - dynamic - proof load	BIFMA X5.11-2015 R(2020) Clause 8 (mod.)	No sudden and major change in the structural integrity (loss of serviceability is acceptable) when 218kg (480 lb) free falls from 6 In. height to the center of the seat.	PASS
Swivel test - cyclic	BIFMA X5.11-2015 R(2020) Clause 9	No loss of serviceability after 60,000 cycles of rotation (360 degrees) under a 196kg(432 lbs) load on the seat at max. Height, seat shall then withstand another 60,000 cycles of rotation at its lowest seating position. Note: all chairs must withstand 120,000 cycles	PASS

Test Property	Test Method	Test Principle / Requirements	Results
Tilt mechanism test - cyclic	BIFMA X5.11-2015 R(2020) Clause 10 (mod.)	[Type I & II Chairs] No loss of serviceability in 300,000 cycles under a 174kg (384 lb) load to the center of the seat **Stop the test for every 30,000 cycles, and operate the tilt-lock wire control for 1,000 cycles, then continue the test. (total opearate 10,000 cycles)** **For 10 years warranty products, double the cycles (2,000 cycles for each breaking & totally 20,000 cycles) for all wire control testing.**	PASS

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Test Property	Test Method	Test Principle / Requirements	Results
Seating durability test – cyclic	BIFMA X5.11-2015 R(2020) Clause 11	This is a two-part test. The impact test and front corner load-ease tests must be run sequentially for this evaluation. <u>Impact test – cyclic:</u> 100,000 cycles of 91kg (200 lbf) weight drop from 1 in 1.2in (30mm) above the uncompressed surface of the seat. **Stop the test for every 12,500 cycles, and operate the height-adjustable wire control for 1,000 cycles, then continue the test. (total opearate 8,000 cycles)** **For 10 years warranty products, double the cycles (2,000 cycles for each breaking & totally 16,000 cycles) for all wire control testing.** <u>Front corner load-ease test - cyclic - off-center:</u> 20,000 cycles to both front seat corners from a 1451N (320 lb) load positioned flush to both outer edges applied without impact for a total of 40,000 cycles **Stop the test for every 20,000 cycles (total), and operate the height-adjustable wire control for 1,000 cycles, then continue the test. (total opearate 2,000 cycles)** **For 10 years warranty products, double the cycles (2,000 cycles for each breaking & totally 4,000 cycles) for all wire control testing.** No structural breakage or breakage or loss of serviceability after completion of both the impact and load-ease tests.	PASS

Test Property	Test Method	Test Principle / Requirements	Results
Stability test - rear	BIFMA X5.11-2015 R(2020) Clause 12 (mod.)	For type III chair: Load the chair with 6 disks (16kg/each). As each disk is added to the stack assure that it is placed against the support as shown in Figure 12a, Apply a horizontal force to the highest disk. The location of the force application is 6 mm (0.25 in.) from the top of the disk ● Seat height<710mm: F = 0.1964 (1195 – H) N.(H in mm) ● Seat height>710mm: F= 93N/20.9lbf For type I & II chair: Load the chair with 13 disks (16kg/each). As each disk is added to the stack, assure that it is placed against the support as shown in Figure 12b.	PASS
Stability test - dynamic - front	BIFMA X5.11-2015 R(2020) Clause 12 (mod.)	The chair is obstructed with a 1/2 In. obstruction to the chair casters or feet. A downward load of 961N (216 lb) is centered 2.4 In. from the seat front center edge. The seat shall withstand a 20N (4.5 Lbf). horizontally from the front seat edge without tipping	N/R
Arm strength test - vertical - static - functional load	BIFMA X5.11-2015 R(2020) Clause 13 (mod.)	No loss of serviceability when 1423 N (320 lb) for 1 min. Is applied. The vertical load is uniformly applied through a 5 In. area at the apparent weakest point.	PASS
Arm strength test - vertical - static - proof load	BIFMA X5.11-2015 R(2020) Clause 13 (mod.)	No sudden and major change in the structural integrity (loss of serviceability is acceptable) when 218kgf (480 lbf) for 1 min. is applied. The vertical load is uniformly applied through a 5 In. area at the apparent weakest point. ***For plastic arm:*** Record pass result and continue to increase the force until damage the arm. Record the force value. If the arm does not damage until 250kg, record(Did not break under 250 kg)	PASS
Arm strength test - horizontal - static - functional load	BIFMA X5.11-2015 R(2020) Clause 14 (mod.)	No loss of serviceability when 712 N (160 lb) for 1 min. Is applied horizontally outward to the armrest at the most forward point of the armrest.	PASS

Test Property	Test Method	Test Principle / Requirements	Results
Arm strength test - horizontal - static - proof load	BIFMA X5.11-2015 R(2020) Clause 14 (mod.)	No sudden and major change in the structural integrity (loss of serviceability is acceptable) when 1068 N (240 lb) for 1 min. is applied horizontally outward to the armrest at the most forward point of the armrest.	PASS
Backrest durability test - cyclic - type i	BIFMA X5.11-2015 R(2020) Clause 15 (mod.)	No loss of serviceability in 120,000 cycles with 174 kg (384 lb) in the center of the seat and 712 N(160 lbf.) applied to the chair back at 90° to the plane of the back. For chairs with a back width greater than 16 in at the height of loading perform 80,000 cycles. Reposition the load 25% backrest width to the right of the vertical centerline. If using a cable pulley system, 30 in. minimum from the attachment point to the pulley. Apply the load for 20,000 cycles. Then, reposition the load 25% backrest width to the left of the vertical centerline. If using a cable pulley system, 30 in. minimum from the attachment point to the pulley. Apply the load for 20,000 cycles. (For chairs with tilt mechanisms that lock see Sect. 4 for classification change.) **For chairs with a back width less than 16 in, stop the test for every 12,000 cycles, and operate the tilt-lock wire control for 1,000 cycles, then continue the test.** **(total opearate 10,000 cycles)** **For chairs with a back width greater than 16 in, stop the test for every 10,000 cycles(force applied in the middle) / 20,000 cycles (force applied at 2 sides) and operate the tilt-lock wire control for 1,000 cycles, then continue the test.** **(total opearate 10,000 cycles)** **For 10 years warranty products, double the cycles (2,000 cycles for each breaking & totally 20,000 cycles) for all wire control testing.**	PASS

Test Property	Test Method	Test Principle / Requirements	Results
Backrest durability test - cyclic - type ii and iii	BIFMA X5.11-2015 R(2020) Clause 16 (mod.)	No loss of serviceability in 120,000 cycles with a 174 kg (384 lb) in the center of the seat and 534 N (120 lbf) applied to the chair back at 90º to the plane of the back. For chairs with a back width greater than 16 in at the height of loading perform 80,000 cycles. Reposition the load 25% backrest width to the right of the vertical centerline. If using a cable pulley system, 30 in. minimum from the attachment point to the pulley. Apply the load for 20,000 cycles. Then, reposition the load 25% backrest width to the left of the vertical centerline. If using a cable pulley system, 30 in. minimum from the attachment point to the pulley. Apply the load for 20,000 cycles. **For chairs with a back width less than 16 in, stop the test for every 12,000 cycles, and operate the tilt-lock wire control for 1,000 cycles, then continue the test.** **(total opearate 10,000 cycles)** **For chairs with a back width greater than 16 in, stop the test for every 10,000 cycles(force applied in the middle) / 20,000 cycles (force applied at 2 sides) and operate the tilt-lock wire control for 1,000 cycles, then continue the test.** **(total opearate 10,000 cycles)** **For 10 years warranty products, double the cycles (2,000 cycles for each breaking & totally 20,000 cycles) for all wire control testing.**	PASS
Pedestal base chair - caster / chair base durability test cyclic	BIFMA X5.11-2015 R(2020) Clause 17	No loss of service after 2,000 cycles over a hard surface with 3 obstacles and 98, 000 cycles over a smooth hard surface without obstacles (30 In. forward / backward stroke min.) Under a 181kg (400lbs) load in the seat. After completion of the cycling, No part of the caster shall separate from the chair as a result of the application of the 22 N (5 lbf.) force.	PASS

Test Property	Test Method	Test Principle / Requirements	Results
Caster/chair base durability test - cyclic - chairs with legs	BIFMA X5.11-2015 R(2020) Clause 17	No loss of service after 2,000 cycles over a hard surface with 2 obstacles and 98, 000 cycles over a smooth hard surface without obstacles (30 inches forward / backward stroke min.) Under a 181kg (400 lbs) load in the seat. After completion of the cycling, No part of the caster shall separate from the chair as a result of the application of the 22 N (5 lbf.) force.	N/A
Leg strength test - front load - functional load	BIFMA X5.11-2015 R(2020) Clause 18 (mod.)	[Chairs without pedestal bases] No loss of serviceability when a force of 534 N (120 lbf.) is applied to each front leg individually for a period of 1 minute.	N/A
Leg strength test - front load - proof load	BIFMA X5.11-2015 R(2020) Clause 18 (mod.)	[Chairs without pedestal bases] No sudden and major change in the structural integrity of the chair shall occur (loss of serviceability is acceptable) when a force of 890 N (200 lbf.) Is applied to each front leg individually for a period of 1 minute.	N/A
Leg strength test - side load - functional load	BIFMA X5.11-2015 R(2020) Clause 18 (mod.)	[Chairs without pedestal bases] No loss of serviceability when a force of 534 N (120 lbf.) is applied once to the front and rear leg individually for a period of 1 minute.	N/A
Leg strength test - side load - proof load	BIFMA X5.11-2015 R(2020) Clause 18 (mod.)	[Chairs without pedestal bases] No sudden and major change in the structural integrity of the chair shall occur (loss of serviceability is acceptable) when a force of 818 N (184 lbf.) Is applied once to the front and rear leg individually for a period of 1 minute.	N/A
Footrest Static Load Test – Vertical	VEYER's requirement	Functional load: Apply a force F1 of 712 N (160 lbf.) uniformly along a 102 mm (4 in.) distance along the footrest but not greater than 51 mm (2 in.) from the outside edge at the apparent weakest point of the structure for one (1) minute in the vertical downward direction. Proof load: Apply a force of 218kgf (480 lbf)uniformly along a 102 mm (4 in.) distance along the footrest but not greater than 51 mm (2 in.) from the outside edge at the apparent weakest point of the structure for one (1) minute in the vertical downward direction.	N/A

Test Property	Test Method	Test Principle / Requirements	Results
Footrest Durability Test - Vertical - Cyclic	VEYER's requirement	A 1423 N (320 lbf.) force shall be applied uniformly along a 102 mm (4 in.) distance along the footrest but not greater than 51 mm (2 in.) from the outside edge at the apparent weakest point of the structure. The force shall be applied and removed for 50,000 cycles.	N/A
Arm Durability Test - Cyclic	BIFMA X5.11-2015 R(2020) Clause 19 (mod.)	No structural breakage or loss of serviceability when a force of 641 N (144 lbf.) is applied to each arm at a 10 degree angle +/- 1 degree for 60,000 cycles	PASS
Out Stop Tests for Chairs with Manually Adjustable Seat Depth	BIFMA X5.11-2015 R(2020) Clause 20 (mod.)	Place a 118 kg (261 lb.) rigid mass in the center of the seat. The opposite end of the cable shall extend in line forward from the seat and in line with the plane of the seat movement to a pulley and then downward to an attached weight of 40 kg (88 lb.). then released, permitting it to move forward rapidly and impact the out stops for 25 cycles.	PASS
Tablet Arm Chair Static Load Test	BIFMA X5.11-2015 R(2020) Clause 21 (mod.)	Apply a load of 109 kg. (240 lb.) through a 203 mm ± 13 mm (8.0 in. ± 0.51 in.) diameter area at 25 mm (1 in.) from the edge of the surface at its apparent weakest point for one 1minute	N/A
Tablet Arm Chair Load Ease Test - Cyclic	BIFMA X5.11-2015 R(2020) Clause 22 (mod.)	A 547 N (123 lbf.) force applied through a 203 mm ± 13 mm (8.0 in. ± 0.51 in.) diameter area centered at apparent weakest point, 1 in. from edge for 100,000 cycles.	N/A
Structural durability test – cyclic (Not apply to pedestal-base chairs or chairs with casters.)	BIFMA X5.11-2015 R(2020) Clause 23	No loss of serviceability after 50000 cycles over the weight of 174 kg (384 lb) in the center of the seat of a force of 444N(100 lbf.)	N/A
Seating - front seating capacity	Actual use	No failure under 450 lb loading at edge (6 in)	PASS
Cycle test - headrest	Actual use	No damage - 100 repeated up / down cycles	PASS
Ease of assembly	Actual use	Shall provide ease of assembly and shall be accurate	PASS
Comfortability - seating - with labeled capacity	Actual use	Shall be comfortable	N/A
Effects of extreme temperature change	Environmental	Shall exhibit no visual changes after 4 hours exposure at 0 °F and 120 °F respectively.	PASS

Test Property	Test Method	Test Principle / Requirements	Results
Effects of humidity exposure	Environmental	Shall exhibit no visual changes, functionality failure, structural failure or permanent deformation after an exposure at 95% relative humidity and 100 °F for 4 hours. Report if entire item was placed in the chamber or if only certain pieces/sections. If pieces/sections were tested, list which pieces and include before and after pictures of the pieces.	PASS
*Frozen test for casters	Environmental test Refer to BIFMA X5.1-2017R(2022) clause 16.1	After conditioned at -6℃ for 24 hours, five casters shall be cycled 500 cycles over the obstacles with no damage or breakage. Start the cycle test within 10mins after removed from the cold chamber. After test, the pull force shall be not less than 22N (5lbs) (if applicable)	PASS
Upholstery Performance			
Cover material			
Cover material	VEYER-SU0004.1-Upholstery textile requirements-US	Product to be tested against all applicable requirements of this protocol.	N/R
Filling material (Foam)			
Foam resilience - Test B1 (only applicable if single actual foam used in the seating center area have min.50mm thickness)	ASTM D3574	<u>Sample 1: Original Foam:</u> Apply the test according to “test B1” table below on the original foam sample. Foam size: 380mm X 380mm X 50mm Loading pad: 250mmDIA	For multi-layer foam: This test is only applicable when single layer foam on seat center area have a thickness of min.50mm Force
		25 % compression:	N/R
		65 % compression:	N/R
Foam resilience - Test B2 (only applicable if single actual foam used in the seating center area have min.50mm thickness)	ASTM D3574	<u>Sample 1: Original Foam:</u> Apply the test according to “test B2” table below on the original foam sample. Foam size: 380mm X 380mm X 50mm Loading pad: 250mmDIA	Thickness
		4.5N:	N/R
		110N:	N/R
		220N:	N/R

Test Property	Test Method	Test Principle / Requirements	Results
*Dynamic Fatigue - Test I3 (only applicable if single actual foam used in the seating center area have min.50mm thickness)	ASTM D3574 (Mod.)	Sample 2: Foam after mechanical test: □□The sample shall be conditioned for at least 12 hours under 23+/-2oC, 50+/-5% RH. □□Apply certain force on the sample to its 20% thickness for 80,000 cycles with 70 cycles/minute: Foam size: 380mm X 380mm X 50mm Loading pad: 250mmDIA Acceptance level: 10 minutes after the 80,000 cycles, the loss of thickness shall not greater than 10%. Use the same foam after cycle test to re-perform the Test B1 & B2, for data record only, no pass/fail required.	Thickness before/after 80,000 cycles test: N/R
			Test B1 (Force)
		25 % compression:	N/R
		65 % compression:	N/R
			Test B2 (Thickness)
		4.5N:	N/R
		110N:	N/R
		220N:	N/R

Remark:
1. N/A – Not applicable; N/R – Not requested; C – Claimed; R – Recorded.
2. The test results were extracted from test report No.: SDHL2407014035FT, except Weight and Backrest durability test - cyclic - type i.
3. For the sample information and pictures, please refer to the following page.

Sample as Received

View 1

View 2

View 3

View 4

End of Report

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