

Flokk AS
Sundveien 201
7374 Røros
Norway

Fürth, 19 September 2025

TEST REPORT No. FUHLFP2025-03036

Date sample received: 15th May 2025
Period of testing: 15th May 2025 – 19 September 2025
Technical Director: Kerstin Scharrer

Test Item: Office work chair “Trillo Pro” series, including models:
- 20ST
- 21ST
- 30ST
- 31ST

Test: Safety test to obtain GS mark

Determination:

The office chair of the “Trillo Pro” work chair series have been submitted and tested for mechanical safety according to GS mark. The test standards EN 1335 Parts 1, 2 and the current state of the art were an essential part of the test scope.

The model “20ST” and “31ST” covers all features of all models.
The chairs comply to EN 1335-1:2020+A1:2022 as Type C.

In summary, the safety requirements **were met**.

Technical data and results as well as detailed test conditions and requirements are contained in the following pages.

Reviewed by:

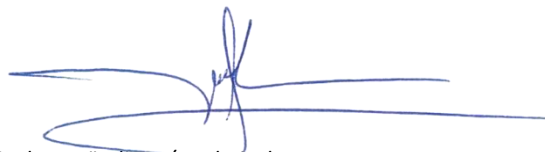
Intertek Consumer Goods GmbH



Laborleitung Hardlines / Lab Manager Hardlines
Frank Urbich

Tested by:

Intertek Consumer Goods GmbH



Sachverständiger / Technical Expert
Anh Vu (Vincent) Nguyen

Product identification:

Test sample:	Office work chair
Model name:	20ST, 21ST, 30ST and 31ST
Manufacturer:	Flokk sp. z o.o ul. Górnicza 8 62-700 Turek Poland
Number of test samples:	1 of each 20ST and 31ST
Distributor:	Flokk
Delivered on:	26.03.2025
Delivered by:	Flokk

Product documents:

Instructions for use
PAH-Evaluation Report FUHLFP2025-03036-PAH

Scope of tests:

General tests

Technical tests

- EN 1335-1:2020+A1:2022 - Office furniture - Office work chair – Part 1: Dimensions - Determination of dimensions
- EN 1335-2:2018 - Office furniture - Office work chair – Part 2: Safety requirements
- Tests and evaluations according to AfPS GS 2019:01 PAK

Legend:

Abbreviations:

* = Test method is not part of the accreditation scope
** = Outsourcing
n.a. = not applicable
n.t. = not tested
n.d. = not determinable (< LoQ)
LoQ = limit of quantification
CS = Combined sample
P = passed
F = failed

Applicability of test results:

Tolerances unless otherwise specified the following tolerances apply:

The tests specify the use of forces. However, masses may be used. In that case, as equivalent for 10 N a mass 1 kg can be calculated.

The test results refer solely to the samples tested.

The digital pictures shown in this report are for additional information only and are not part of this report.

Test equipment list

The test equipment list contains a list of the measuring tools used and measuring equipment, gauges, templates and load weights that were used in accordance with the scope of the investigations.

Testing machines and devices as well as any connections that are necessary for the performance of tests are not an integral part of the test equipment list.

The following test equipment were available for testing in accordance with the scope of the investigations:

Clause	Test equipment	Equipment no.
General test	Ruler	PM_HL_18.321
General test	Scale	PM_HL_18.314
General test	Band ruler 3000 mm	PM_HL_18.376
General test	Calliper	PM_HL_17.070
Strength and durability test	Load cell 5 kN	PM_HL_18.358
Strength and durability test	Load cell 5kN	PM_HL_18.359
Strength and durability test	Load cell 5kN	PM_HL_18.360
Strength and durability test	Load cell 5 kN	PM_HL_18.361
Strength and durability test	Load cell 2 kN	PM_HL_18.362
Strength and durability test	Load cell 5,5 kN	PM_HL_18.363
Strength and durability test	Seat dummy	PM_HL_18.199
Stability	Pull-Push-Gauge	PM_HL_17.026
Stability	Stability Table	PM_HL_18.107
Stability	Protractor	PM_HL_18.226
Stability	Stamp	PM_HL_18.108
Stability	Armrest stamp	PM_HL_18.051
Stability	Load disc 10 Kg	PM_HL_18.234
Stability	Load disc 10 Kg	PM_HL_18.233
Stability	Load disc 10 Kg	PM_HL_18.235
Stability	Load disc 10 Kg	PM_HL_18.238
Stability	Load disc 10 Kg	PM_HL_18.230
Stability	Load disc 5 Kg	PM_HL_18.369
Stability	Load disc 2,5 Kg	PM_HL_17.345
Stability	Load disc 0,5 Kg	PM_HL_18.263
Stability	Load disc (wood)	PM_HL_18.216
Stability	Load disc (wood)	PM_HL_18.217
Stability	Load disc (wood)	PM_HL_18.218
Stability	Load disc (wood)	PM_HL_18.219
Stability	Load disc (wood)	PM_HL_18.220
Stability	Load disc (wood)	PM_HL_18.221
Stability	Load disc (wood)	PM_HL_18.222
Stability	Load disc (wood)	PM_HL_18.223
Stability	Load disc (wood)	PM_HL_18.224
Stability	Load disc (wood)	PM_HL_18.225
Stability	Load disc (wood)	PM_HL_18.226
Stability	Load disc (wood)	PM_HL_18.227
Stability	Load disc (wood)	PM_HL_18.228
Stability	Load disc (wood)	PM_HL_18.229
Loading point template - A-B	Measurement template	PM_HL_18.109

General Testing

Technical characteristics

General dimensions

Parameters	20ST	21ST	30ST	31ST
Depth (mm):	680	680	680	680
Height (mm):	880 -1010	880 -1010	1130 – 1380	1130 – 1380
Width (mm):	680	680	680	680
Net weight (kg):	12.5	13.0	14.0	14.5

Product description

Work Chair TrilloPro ST with following features:

Seat adjustable in height by gas spring

Synchronous seat inclination

Backrest made from plastic or with upholstered backrest pad

Foot ring for models 30/31ST

Armrests fixed in height

Aluminum or plastic base

5 castors made of plastic, type hard or soft with brake and revers brake for model 30ST / 31ST

Photo documentation

Model: 20ST



Model: 31ST



Pic.7: Front view



Pic.8: Side view



Pic.9: Back view



Pic.10: Bottom view



Pic.11: Footrest ring



Pic.12: Castor

Measurement table for Office work chair to EN 1335-1

Table 1:

Measurements	Symbol	Type C – Requirements in mm					Actual result				Verdict
Office chair:		Allow ⊖	min.	max.	Allow ⊕	minimum range	20ST	21ST	30ST	31ST	
Seat height and sitting height ^x	a ^{a,b}	yes	430	480	yes	100	385-521 Range= 136	385-521 Range= 135	637-880 Range= 243	632-876 Range= 244	P P
Adjustable depth of the seat	b	yes	425	-	yes	50	432	426	432	426	P
Fixed depth of the seat		no	425	-	no	-	-	-	-	-	n.a.
Adjustable height of lumbar support	f	yes	170	300	yes	min. 50 within range	250	240	250	240	P
		no	170	300	no	-	-	-	-	-	n.a.
Maximum distance from the backrest to the front of the armrests	q ^c	yes	-	400	no	-	336	319	336	319	P P ¹
Hip breadth clearance when armrests are in widest position	r ^d	no	460	510	yes	-	515	515	515	515	P
Adjustable clear distance between armrest pads	z ^{d,e}	yes	460	510	yes	-	-	-	-	-	n.a.
Fixed clear distance between armrest pads		no	460	-	yes	-	518	518	518	518	P
Height of armrests adjustable	p	yes	225	250	yes	100	-	-	-	-	n.a.
Height of armrests not adjustable		no	225	275	no	-	245	245	245	245	P
Seat pad width	d	no	400	-	yes	-	462	469	462	469	P
Seat pad depth	c	no	380	-	yes	-	465	465	465	465	P
Backrest height	h	no	360	-	Yes	-	515	515	515	515	P
Backrest width	j	no	360	-	yes	-	421	422	421	422	P
Radius of backrest	k	no	400	-	yes	-	> 400	> 400	> 400	> 400	P
Armrest length	n	no	150	-	yes	-	210	210	210	210	P
Armrest width	o	no	40	-	yes	-	40	40	40	40	P
Offset of the underframe	s	yes	-	415	no	-	406	406	406	406	P

Remarks:

- a. For tall office work chairs the seat height is determined as the vertical distance measured at the front of the seat, from the loaded seat to the floor or top of the foot support. The foot support shall have a minimum diameter of 20 mm or be flat.
b. Sitting height is only applicable for chairs with seat pad angles less than 0 (rearwards slope).
c. The distance q shall be measured when the minimum usable armrest area template, 150 mm x 50 mm (Type Ax and Type A) or 150 mm x 40 mm (Type B and Type C), are parallel to the median plane (see 3.9) of the seat.
d. The gap shall be retained across the height adjustment range of the armrests for functional fit.
e. The clear distance 'z' shall be measured when the minimum usable armrest area templates, 150 mm x 50 mm (Type Ax and Type A or 150 mm x 40 mm (Type B and Type C), are parallel to the median plane of the seat.
f. The office work chair may not be designated according to DIN EN 1335-1. Security is guaranteed.

Table 2

Measurements	Symbol	Type C – Requirements in °					Actual result				Verdict
Office chair:		Allow ⊖	min.	max. .	Allow ⊕	minimum range	20ST	21ST	30ST	31ST	
Angle between seat and back	$\gamma^{a,b}$	no	90	-	yes	-	(-) 83° to (-) 60°	(-) 84° to (-) 61°	(-) 83° to (-) 60°	(-) 84° to (-) 61°	P
Min. adjustment range of backrest inclination	/	-	-	-	-	-	23°	23°	23°	23°	P
Seat pad angle adjustable	e ^b	yes	-2	-	yes	-	0° to (-)6°	0° to (-)6°	0° to (-)6°	0° to (-)6°	P
Minimum adjustment range		min. 5					6°	6°	6°	6°	P
Seat pad angle fixed		no	+2	-7	no	-	-	-	-	-	n.a.

a. As long as it is possible to achieve an angle of minimum 90° between seat pad and backrest, the requirement is fulfilled.
b. The adjustment range shall include the specified seat pad angle.

Column "Allow ⊖": If there is a "yes", dimensions less than the minimum requirement are accepted. If there is a "no", the dimension shall not be less than the minimum required dimension.
Column "Allow ⊕": If there is a "yes", dimensions more than the maximum dimension requirement are accepted. If there is a "no", the dimension shall not be more than the maximum required dimension

Table 3 — Loads, Masses and Cycles of stability tests

Test description	Loads	Result	Cycles	Verdict
Overturning over the front corner	$M_1 = 30 \text{ kg}$	$M_1 = 30 \text{ kg}$	1	P
Overturning over the front edge	$F_1 = 600 \text{ N}$ $F_2 = 20 \text{ N}$	$F_2 = 85 \text{ N}$	1	P
Overturning over the front edge for seating with footrest	$F_1 = 600 \text{ N}$ $F_2 = 20 \text{ N}$	--	1	n.a.
Overturning over the side edge for seating without armrests	$F_1 = 600 \text{ N}$ $F_2 = 20 \text{ N}$	--	1	n.a.
Overturning over the side edge for seating with armrests	$F_1 = 250 \text{ N}$ $F_2 = 350 \text{ N}$ $F_3 = 20 \text{ N}$	$F_3 > 40 \text{ N}$ Armrest rotates	1	P
Overturning backwards for seating without backrest inclination	$F_1 = 600 \text{ N}$ $F_2 = 166 \text{ N}$	$F_2 = 200 \text{ N}$	1	P
Overturning backwards for seating with backrest inclination	13 load discs	13 load discs	1	P

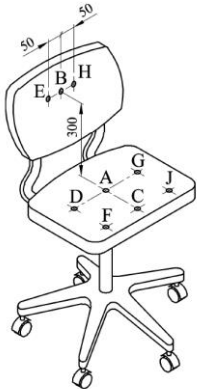
Note:^a F_2 shall be 80 N when $H \geq 720 \text{ mm}$; F_2 shall be $\geq 0,2857 (1000 - H)$ when $H < 720 \text{ mm}$.

Table 4 — Loads, Masses and Cycles of strength and durability tests

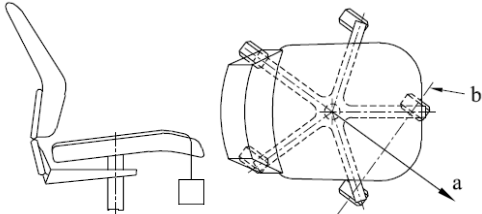
Test description	Loads	Cycles	Verdict
Static load of the seat front edge	$F_1 = 1600 \text{ N}$	10	P
Combined static load test of the seat and backrest	$F_1 = 1600 \text{ N}$ $F_2 = 560 \text{ N}$	10	P
Static load test of the footrest	$F = 1300 \text{ N}$	10	P^{*)}
Durability test of the seat and backrest			
Step 1 — Load application point A	$F_1 = 1500 \text{ N}$	120000	P
Step 2 — Load application point C Load application point B	$F_1 = 1200 \text{ N}$ $F_2 = 320 \text{ N}$	80000	P
Step 3 — Load application point J Load application point E	$F_1 = 1200 \text{ N}$ $F_2 = 320 \text{ N}$	20000	P
Step 4 — Load application point F Load application point H	$F_1 = 1200 \text{ N}$ $F_2 = 320 \text{ N}$	20000	P
Step 5 — Load application point D und G	$F = 1200 \text{ N}$	20000	P
Durability test of the armrest	$F = 400 \text{ N}$	60000	P
Test of armrests with static downwards loads	$F = 750 \text{ N}$ $F = 900 \text{ N}$	5	P
Testing of the armrests using a downward static load	450 N	5	P
Testing of the armrests using a sideways static load	400 N	5	P
Swivel test	$M_1 = 60 \text{ kg}$ $M_2 = 35 \text{ kg}$	120000	P
Durability test of the footrest	900 N	60000	P^{*)}
Durability test of the castors and the chair base	$M_1 = 110 \text{ kg}$	36000	P
Note: ^{*)} Test result of only model 30ST / 31 ST			

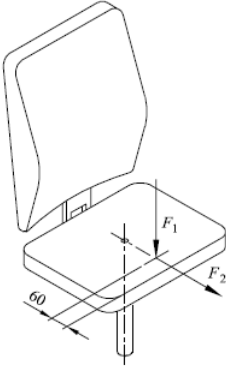
Terms and definitions to EN 1335-1 Office work chair Chair for one person, which has an adjustable seat height, can rotate horizontally and is commonly used in conjunction with a work surface An office work chair may or may not have features such as armrests and/or a headrest, Type Ax work chair Office work chair with the largest range of adjustments Type A work chair Office work chair with a large range of adjustments Type B work chair Office work chair with a range of adjustments Type C work chair Office work chair with limited adjustments Adjustability Intentional change in the position of a component. It can be continuous, within a range or in steps and may be lockable. Tall office work chair Office work chair with a higher seat height, measured from the floor, than the maximum seat height also with a foot support. A chair used for high work surfaces and desks. Foot support Component intended to support the feet of the user and assist the user getting on or off a tall office work chair. A foot support might or might not to be permanently attached to the structure of a high office work chair Median plane Vertical plane running from front to rear through the centre of the seat, dividing the chair into two equal parts. Definitions of measurements The measurement conditions shall be as specified in ISO 24496:2017, Clause 4 with the derogation in 5.2 of the present documents. The test equipment shall be as specified in ISO 24496:2017, Clause 5. The chair shall be set up as specified in ISO 24496:2017, 6.2.1. The CMD shall be placed in the chair as specified in ISO 24496:2017, 6.2.2 and 6.2.3. The chair dimensions shall be determined in the sequence specified in Table 1.	informative
	informative
	Informative
	Informative
	Informative

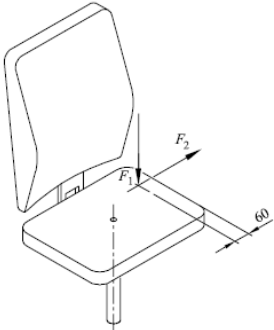
Dimensional requirements	Requirement met
The dimensions of Types Ax, A, B and C office work chairs shall be as specified in Tables 2 and 3. Some functions shall be lockable in order that the chair can fulfil its functions. It shall be possible to adjust the chair while sitting on it. For adjustable functions, the minimum and maximum values shall be obtained, with the exception of dimension f, "adjustable height of lumbar support". When a range is specified, the chair shall fulfil this requirement too. Column "Allow (-)": If there is a "yes", dimensions less than the minimum requirement are accepted. If there is a "no", the dimension shall not be less than the minimum required dimension. Column "Allow (+)": If there is a "yes", dimensions more than the maximum dimension requirement are accepted. If there is a "no", the dimension shall not be more than the maximum required dimension. In addition to conventional backrests, those with a mesh support can be measured using this standard. However, if they do not have a mechanically moving lumbar device, they are classified as having a fixed height lumbar support. NOTE Some flexible backrests can deform in such a way that they can automatically provide lumbar support at heights suitable for users from small to large without the need of having mechanically moving lumbar devices behind the backrest. Hence they can be considered to have lumbar height adjustment. There are a number of different test methods outside of this standard, in a number of countries, which have been developed to verify adjustability of non-mechanical lumbar adjustments.	Type C P P P P informative informative informative informative Informative
Note: none	

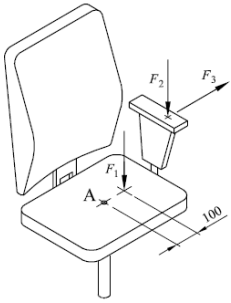
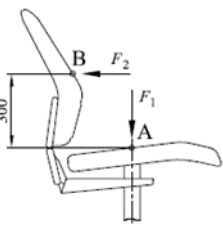
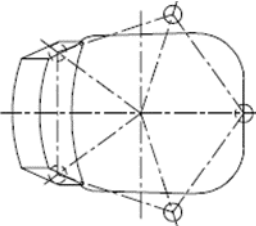
Test characteristics/requirements	Results
The force application points for office work chairs according to EN 1728  Legend A = Loading point „A“ B = Loading point „B“ C = Loading point „C“ D = Loading point „D“ E = Loading point „E“ F = Loading point „F“ G = Loading point „G“ H = Loading point „H“ J = Loading point „J“	informative
Loading point „A“ The point in which the chair's axis of rotation intersects with the seat surface with the seat in a position as close as possible to the horizontal. Loading point „B“ The point on the centerline of the back rest, 300 mm above loading point A measured when the seat is loaded with 640 N through the seat loading pad. Loading point „C“ A point in front of loading point A along the centre line of the seat, 100 mm from the edge of the load bearing structure of the seat. Loading point „D“ The point 150 mm to the right of loading point A but not less than 100 mm from the edge of the seat structure. Loading point „E“ The point 50 mm to the right of loading point B. Loading point „F“ A point in front of loading point D on a line parallel to the centre line, 100 mm from the edge of the load bearing structure of the seat on that line. If the distance from any edge of the structure is less than 100 mm, move the point inwards on a line parallel to the line intersecting points A, D and G such that the distance from the edge is 100 mm. Loading point „G“ The point 150 mm to the left of loading point A but not less than 100 mm from the edge of the seat structure. Loading point „H“ The point 50 mm to the left of loading point B Loading point „J“ A point in front of loading point G on a line parallel to the centre line, 100 mm from the structure of the seat edge on that line. If the distance from any edge of the structure is less than 100 mm, move the point inwards on a line parallel to the line intersecting points A, D and G such that the distance from the edge is 100 mm.	— — — — — — — — — —

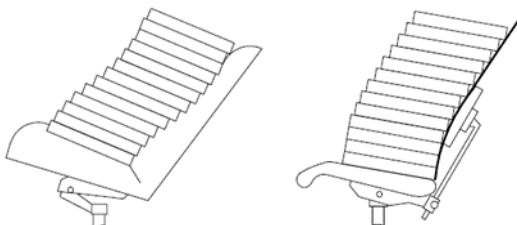
Test characteristics/requirements	Test parameters/results	Verdict
Safety requirements in accordance to EN 1335-2 General design requirements Corners and edges, trapping, pinching and shearing The chair shall be so designed as to minimise the risk of injury to the user. All parts of the chair with which the user comes into contact during intended use, shall be so designed that physical injury and damage to property are avoided. These requirements are met when: a) the safety distance of accessible movable parts is either ≤ 8 mm or ≥ 25 mm in any position during movement; b) accessible corners are rounded with minimum 2 mm radius; c) 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; d) the edges of handles are rounded with minimum 2mm radius in the direction of the force applied; e) all other edges are free from burrs and rounded or chamfered; f) the ends of accessible hollow components are closed or capped. Adjusting devices 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. Connections It shall not be possible for any load bearing part of the chair to come loose unintentionally.	Requirement met no risk of injury Fulfilled no distances between moveable parts of ≤ 8 mm or ≥ 25 mm accessible corners are rounded with 2 mm accessible edges are rounded with 2 mm Handle edges rounded all other edges free of burrs no free open ends Requirement met Injuries are avoided during operation Possibility given Requirement met no load bearing parts possible to become loose unintentionally	P P P P P P P n.a. P P
Note: none		

Test characteristics/requirements	Test parameters/results	Verdict
Avoidance of soiling All parts which are lubricated to assist sliding (greasing, lubricating, etc.) shall be designed to protect users from lubricant stains when in normal use. Stability during use The chair shall not overbalance under the following conditions – see DIN EN 1022 a) by pressing down on the front edge of the seat surface in the most adverse position; b) by leaning out over the arm rests; c) by leaning against the back rest; d) by sitting on the front edge. Front edge overturning Do not position the chair with the stops against the supporting points. Fix the strap to the chair as the force is applied at the point on the front edge that is furthest from the axis of rotation and allow the mass M_1 to hang freely.  a position of the strap on the seat surface b the tilting axis, castors in the most adverse position Figure: Front edge overturning Requirement d) is fulfilled if the chair does not overbalance when tested according to front edge overturning.	Requirement met no staining of lubricants Requirement met no overbalancing no overbalancing no overbalancing no overbalancing Requirement met Required: 30 kg Applied: 30 kg no overbalancing	P P P P P
Note: none		

Test characteristics/requirements	Test parameters/results	Verdict
Forwards overturning Position the chair with two adjacent supporting points on the front against the stops. Apply by means of the stability loading device a vertical force F_1 acting 60 mm from the front edge of the load bearing structure of the seat at those points most likely to result in overturning. Apply for at least 5 s a horizontal outwards force F_2 from the point on the seat surface where the vertical force is applied  Key F_1 vertical force F_2 horizontal force Figure — Forward overturning Requirement a) is fulfilled if the chair does not overbalance when tested according to forward overturning. Forwards overturning for chairs with footrest For chairs with footrests repeat the principle of 7.1.2 on the footrest. For round cross section ring shaped footrests, the vertical force F_1 shall be applied through the centre of the ring cross section.	Requirement met $F_1 = 600 \text{ N}$ $F_2 = 85 \text{ N}$ (required $F_2 = 20 \text{ N}$) no overbalancing Requirement not applicable no overbalancing	P P P^{*)}
Note: ^{*)} Test result of only model 30ST / 31ST		

Test characteristics/requirements	Test parameters/results	Verdict
Sideways overturning for chairs without armrests Position the chair with two adjacent supporting points on one side against the stops. Apply by means of the stability loading device a vertical force F_1 acting 60 mm from the side edge of the load bearing structure of the seat at those points most likely to result in overturning. Apply for at least 5 s a horizontal sideways force F_2 outwards from the point on the seat surface where the vertical force is applied, (see Figure 9).  Key F_1 vertical force F_2 horizontal force Figure— Sideways overturning for chairs without armrests Requirement a) is fulfilled if the chair does not overbalance when tested according to forward overturning Sideways overturning for chairs with armrests Position the chair with two adjacent supporting points on one side against the stops. Apply by means of the stability loading device a vertical force F_1 acting at a point 100 mm from the fore and aft centre line of the seat at the side where the supporting points are restrained and between 175 mm and 250 mm forward of the rear edge of the seat. Apply a vertical downward force F_2 acting at points on the arm rest which is on the same side as the restrained supporting points up to a maximum 40mm inwards from the outer edge of the upper surface of the arm rest, but not beyond the centre of the arm rest, and at the most adverse position along its length. Apply a horizontal sideways force F_3 outwards from the same point for at least 5 s Note: none	Requirement not applicable with armrest Requirement met $F_1 = 250 \text{ N}$ $F_2 = 350 \text{ N}$ $F_3 = 61 \text{ N}$ (required $F_3 = 20 \text{ N}$)	n.a. n.a. P

Test characteristics/requirements	Test parameters/results	Verdict
Dimensions in millimetres  Key A seat loading point F₁ vertical force F₂ vertical force F₃ horizontal force Figure — Sideways overturning for chairs with armrests Requirement a) is fulfilled if the chair does not overbalance when tested according to forward overturning. Rearwards overturning for chairs without back rest inclination Position the chair with two adjacent supporting points on the back against the stops. When an independent lumbar adjustment is fitted it shall be set in the most adverse configuration. A vertical force F₁ shall be applied at point "A" and a horizontal force F₂ shall be applied at point "B", If the backrest pad is pivoting around a horizontal axis above the height of the seat and is free to move, the horizontal force shall be applied on the axis. If height adjustable, the axis shall be set as close as possible to 300 mm above point "A".   Figure - Rearward overturning for chairs without back rest inclination Requirement c) is fulfilled if the chair does not overbalance when tested according to forward overturning.	no overbalancing Requirement met F₁ = 600 N F₂ = 200 N (required F₂ = 132 N) Key A seat loading point (6.1) B back loading point (6.2) F₁ vertical force F₂ horizontal force no overbalancing	P P P
Note: none		

Test characteristics/requirements	Test parameters/results	Verdict
Rearwards overturning for chairs with adjustable back rest inclination Do not position the chair with the supporting points against the stops. When an independent lumbar adjustment is fitted it shall be set in the most adverse configuration. Load the chair with discs so that the discs are firmly settled against the back rest. If the height of the stack of discs exceeds the height of the back rest, prevent the upper discs from sliding off by the use of a light support  Figure - Rearward overturning for chairs with adjustable back rest inclination Requirement is fulfilled if the chair does not overbalance when tested according to forward overturning. Rolling resistance of the unloaded chair The chair shall be placed on the test surface and shall be pushed or pulled over a distance of at least 550 mm. A speed of (50 ± 5) mm/s shall be maintained over the measuring distance. The force shall be applied at a height of (200 ± 50) mm above the test surface. Record the force used to push or to pull the chair over the distance from 250 mm to 500 mm as the rolling resistance. The unloaded chair shall not roll unintentionally. This requirement is met when: a) the castors are of identical construction; b) the rolling resistance type "H" > 15 N or c) the rolling resistance is ≥ 12 N when tested according to Rolling resistance of the unloaded chair. d) Roll fatigue test Note: none	Requirement met 13 discs no overbalancing Requirement met see above castors are identical push and pull force > 20 N	P P P P

Test characteristics/requirements	Test parameters/results	Verdict
Strength and durability The chair shall be constructed to ensure that it does not create a risk of injury to the user of the chair under the following conditions: a) sitting on the seat, both centrally and off-centre; b) moving forward, backwards, and sideways while sitting in the chair; c) leaning over the armrests; d) pressing down on the arm rests while getting up from the chair. These requirements are fulfilled when after the tests specified in Seat front edge static load test, Combined seat and back static load test, Footrest static load test, Seat and back durability and Armrest durability with the forces and numbers of cycles according to Table of this standard: e) there are no fractures of any member, joint or component, and f) there is no loosening of joints intended to be rigid, and g) no major structural element is significantly deformed and the chair fulfils its functions after removal of the test loads h) after the test in Arm rest downward static load test with the forces and numbers of cycles according to the tables given on the last page, the arm rests shall show no fracture.	Requirement met no risk of injury fulfilled fulfilled fulfilled fulfilled no fractures no loosening of rigid joints no visible deformation fulfilled	 P P P P P P P P P
Identification of the chair Manufacturer's name or mark: Type designation: Construction year:	Requirement met Flokk Trillo Pro ST 030325	 P
Identification of the gas spring Manufacturer: Type designation: Great: Production date (week/year)	Requirement met Qingdao A. P. Instrument SKQ-A/B-25 Class 4 02/2024	 P
Chemical tests (PAH) Proof for the materials / components used regarding PAH results	Requirement met See Intertek test report no. FUHLFP2025-03036-PAH	 P
Note: The accessibility and choice of materials does not pose any suspicion of a risk regarding PAH (see document AfPS GS 2019:01 PAK).		

Test characteristics/requirements	Test parameters/results	Verdict
Information for use Each chair shall be accompanied by information for use in the language of the country in which it will be delivered to the end user. It shall contain at least the following details: a) Type of the chair: Type Ax, Type A, Type B or Type C; b) Information of the intended field of use; c) Instructions of all adjustment mechanism; d) Assembly instructions if applicable; e) instruction for the care and maintenance of the chair; f) if the chair is fitted with castor, information on the choice of castors in relation to the floor surface; g) information for chairs with seat height adjustments with energy accumulators that only trained personnel may replace or repair seat height adjustment components with energy accumulators Marking according to ProdSG § 6 1. The manufacturer, his legal representative and the importer are obliged in the course of conducting business, to provide necessary information for the consumer when distributing merchandise in the market, to enable assessment of risks, that may occur during normal or reasonably for seeable use of the merchandise and that cannot be detected directly; and to take protective measures. 2. The name and address of the manufacturer or, if he is not based in the EEU, the name and address of the legal representative or importers. 3. A clear marking to identify the merchandise.	Requirement met fulfilled fulfilled fulfilled Product is self-explaining fulfilled fulfilled Requirement met	 P P P n.a. n.a. P P P P P P
Note: none		

General note:

This report has been prepared for the titled project or named part thereof and should not be relied upon or used for any other project without an independent check being carried out as to its suitability and prior written authority of Intertek being obtained. Intertek accepts no responsibility or liability for the consequences of this document being used for a purpose other than the purposes for which it was commissioned. Any person using or relying on the document for such other purposes agrees and will by such use or reliance be taken to confirm his agreement to indemnify Intertek for all loss or damage resulting therefrom. Intertek accepts no responsibility or liability for this document to any party other than the person by whom it was commissioned.

We would like to point out, that Intertek can't provide legally binding assessments referring to isolated cases. The individual legal advice in Germany is reserved to the legal advisory professions and a binding interpretation is subject to the court of justice.

Copying excerpts or otherwise reproducing parts of the test report is permitted only with the consent of the laboratory accepting the order. This report pertains only to the test item(s).

All testing requests are subject to our Terms and Conditions available on www.intertek.com.

END OF REPORT