

SHENZHEN POCE TECHNOLOGY CO., LTD.

TEST REPORT

Applicant		ANJI HUAHENG HOME SUPPLIES CO., LTD
Address	:	Fantan Industrial Park, Anji County, Zhejiang Province, China.

Report on the submitted sample said to be:

Sample Name	:	Office Chair
Model/style	City	N/A
Manufacture	:	5727
Address	:	ANJI HUAHENG HOME SUPPLIES CO., LTD
Sample received d	late :	Fantan Industrial Park, Anji County, Zhejiang Province, China.
Testing period	. S .	Apr. 17, 2020 – Apr. 21, 2020

Test Standards:

Test Standards				
	UNE EN1335-1: 2001			
	JNE EN1335-2: 2019 Safety requirements			
	UNE EN1335-2: 2019 For further details, please re			

REMARKS:

- 1. This statement is based upon the testing of the submitted samples. It is incumbent on the manufacturer to assure the constant quality of the product.
- 2. The test report is valid for above tested sample only and shall not be reproduced inpart without written approval of the company.
- 3. Characterization & Condition of sample: Normal.
- 4. Ambient Condition During Testing:(15~22)°C, (25~50)%

Prepared by:

Examine By :

In Cvan

Calvin Chen



Calvin Chen



TESTS CONDUCTED:

(I) Determination of dimensions As per European standard on safety of office work chair UNE EN1335 part 1.

	UNE EN 1335		
Clause	Test Items and Requirements	Result – Remark	Verdict
4	Dimensions	CE POS	Pp
POCE	Provided sufficient height and depth to provided user a suitable sitting position	Suitable dimensions, see bellow The chair fits type B	Р
5 000	Determination of reference points	POUL POUL PC	CCP
E PC	The chair shall be positioned on a flat, rigid and horizontal test surface	Complied, all measures were performed on such suitable position	P
5.1	Point "A"	E OF FO	PBO
	The dummy shall be place on the seat surface symmetrically to the median plane in such a way that the centre of gravity of the main mass coincides with the axis of rotation.	median plane of sitting, centre of gravity, all measures based on the position	P PO
5.2	Back supporting point "S"	OF PUL	Р
	The chair with a back rest rotatable around a horizontal axes the upper and lower edges of the back rest shall be positioned vertically one above the other midway in the median plane before measurements are made.	A back rest rotatable around a horizontal axes the upper and lower edges of the back rest position, all measures based on the position	DCE DOCE
6	Determination of dimensions	POCE DOCE	Р
POCE POCE POCE POCE PCE	The chair shall be positioned on a flat, rigid and horizontal test surface. The seat shall be set as close as possible to the horizontal and back rest shall be set as close as possible to the horizontal vertical . Liner dimensions shall have an accuracy of ± 2 mm and all angles an accuracy of $\pm 1^{\circ}$ Unless otherwise specified, all dimension shall be loaded by the dummy in accordance with 5.1. All adjustable dimensions and angles shall be measured both in the smallest and largest position.	Complied the rule	PO E P DCE POCE POC
6.1	Seat height a	CE DOCE DOE	Р
PUC	The seat height a is the vertical distance the floor and the point "A"	440mm	E P F
6.2	Seat depth b	DOCE DE PO	Р
E PO	The seat b is the horizontal from the front edge of the seat to the vertical projection of the back	420mm	PP

H Building, HongFa Science and Technology Park, Tangtou, Shiyan, Bao'an District, Shenzhen, China Web: www.poce-cert.com Tel: +86-755-2911 3252 E-mail: service@poce-cert.com



	OF THE PUS	DUE OF	5
PC	supporting point "A". if the seat depth and back rest	POU POU POU	
E	are adjusted simultaneously ,i.e. when the seat	POCE	
OF F	depth is increased, the back rest height is	PCE PC PC	
CF.	automatically increased, the maximum seat depth .	POUL POCE	0
6.3	Depth c of seat surface	DE	
005	The depth c of seat surface maximum horizontal	500mm F	- 0
TOCE	distance between vertical lines though the fort and	OCE DOCE DOE	
pus	rear edges of the seat surface. if the shape of the	CE FO POO	
200	seat makes it impossible be to define a rear edge,	POUL DOCE	
FU	the maximum horizontal distance shall be measured	OCE PUE	
pC	from the rear of the seat surface. The measurement	POUL POUL DO	
E	shall be carried out with the back	POCE SCE PC	
5	rest to the forward tilt.	PO POUL PC	SC
6.4	Seat width d	F DOCE ,	-
	The seat width d is the horizontal distance between	420mm	ρQ
DOCE	vertical lines through the edge of the seat surface	POCE POCE	
~	measured in the transverse plane.	DOE DOE TO	P
6.5	Inclination e of the seat surface	PUT DOUT	כ
~	Inclination e of the seat surface is the median plane	GOCE SOCE	>
POL	between the lower edge of the dummy and a	POUL POUL	
	horizontal line. Rearward slope is designated "- "	POCE POCE	
6.6	otherwise "+".		5
0.0	Height f of the back supporting point "S" above surface	POUL POCE PO	
DCE	Height f of the back supporting point "S" above	200mm 6 F	>
-	surface is the vertical distance between the point	CE CE PO	
POCE	"S" and point "A".	POUL BOCK	
6.7	Height g of the back pad	OCE OF	> 7
POUL	Height g of the back pad is the vertical distance	780mm 600 F	Þ
-00	between the upper and lower edges of the back	POCE	
PU	pad, measured in the median plane.	CE POUL POUL	
6.8	Height h of the upper edge of the back rest above	POUL POCE	3E
EF	the seat surface	OCE PE PU	
1	The height h of the upper edge of the back rest	800mm F	30
DCE	above the seat surface is the vertical between the	DOCE DOE T	
	uppetr edge of the back rest and the point "A"	CE FO POUL	
DOCE	measured in the median plane.	POCE OCE	21
6.9	Back rest width I	OCE DE POS	
POCE	The backrest width I is the maximum horizontal	540mm 000 F	D
3	distance its side edges	DOCE DOE TO	6
6.10	Horizontal radius k of bake rest	PUS.	D
2	The horizontal radius k of bake rest is the radius	500mm F	2

H Building, HongFa Science and Technology Park, Tangtou, Shiyan, Bao'an District, Shenzhen, China Web: www.poce-cert.com Tel: +86-755-2911 3252 E-mail: service@poce-cert.com



	OF TO PUS	DOUL OCE	-E
E PO	measured at the height of the back supporting point "S".	POCE POCE F	OUL
6.11	Back rest inclination adjustment i	OF PO	PP
POCE POCE	The Back rest inclination adjustment I is the angle between the transverse plane and the back rest determined at point "S". Rearwards slope is designated "-" otherwise "+". The inclination adjustment range between the rearmost position	90° POUL POUL POUL	P POC E PC
200	of the inclined back rest back rest.	PUCT POLE	CE P
6.12	Length n of the useful arm rest	OCE PL	
JE PO	The length n of the useful arm rest is the horizontal distance between vertical lines through its font and edges. In the case of an arm rest which is not horizontal or which at the ends or is of non-rigid material, the arm rest .	280mm 0005 0005	POCE
6.13	Width of the useful area of the arm rest	OF DOE DOE	Р
POCE POC POC	The width of the useful area of the arm rest is the horizontal distance between vertical lines through the inner out edges of the arm rest, If the shape of the arm does not allow for an exact measurement of this width, it shall be measured 20 mm below the top edge.	80mm POCE POCE POCE POCE POCE POCE	
6.14	Height of the useful area of the arm rest above the seat	E POCE POCE	POC
POCE POCE POCE	The height p of the useful area of the arm rest above the seat is for horizontal arm rests the vertical distance between the upper surface of the arm rest and point "A". in the case of an arm rest which is not horizontal or which is ronded at the ends or is of non-rigid material, the dimension p is the vertical distance between the horizontal plane 20 mm below the arm rest and point "A".	220mm pool POOL POOL POOL POOL POOL POOL POOL POO	PPO
6.15	Distance q from the front of the arm rest to the seat	OCE -E	Р
OCE	The distance q from the front of the useful area of the arm rests and a line extended vertically above the front edge of the seat surface in the median plane.	100mm POCE POCE	PB0
6.16	Clear width r between the useful area of the rests	OCE -E PUS	P P
POCE POCE	The clear width r between the useful area of the arm rests to the front edge of the seat surface horizontal distance between vertical lines through the inner edges of the arm rests, measured in the transverse	500mm	JE P DOE
	and the annitesis, measured in the transverse	PU- 000-	-CE

H Building, HongFa Science and Technology Park, Tangtou, Shiyan, Bao'an District, Shenzhen, China Web: www.poce-cert.com Tel: +86-755-2911 3252 E-mail: service@poce-cert.com



PC	plane.	PO POU P	
6.17	Maximum offset s of the underframe	POCE	P
OCE F	The maximum offset s the underframe is the maximum distance between the outmost point of the underframe including castor or glides and the axis of rotation.	330mm 000 000 000 000 000 000 000	P(PO
6.18	Stability dimension t	OCE SOCE	Р
POC POC	The stability dimension t is the smallest distance between the overbalancing axes on the axes of rotation of the chair, Where castors are used, the most unfavourable castor position shall be used for the measurement	240mm	P CE OCE

(II) Safety requirements

As per European standard on safety of office work chair UNE EN1335 part 2.

	UNE EN 1335		
Clause	Test Items and Requirements	Result – Remark	Verdic
4	Safety requirements	POCE	P
4.1	General	TE PO	PU P
EP	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.	POUL POCE POCE POCE	POPE POC
POCE	a) 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;	CE POCE POU	CE PC
POCE	b) the edges of handles are rounded or chamfered in the direction of the force applied;	OUL POCE	DOCE P
PO	c) all other edges and corners are free from burrs and rounded or chamfered;	POUL POCE	POCP
EP	d) the ends of accessible hollow components are closed or capped.	POOL POCE	POPE
4.2	Shear and squeeze points	PUT POUL	P
4.2.1	Shear and squeeze points under influence of powered mechanisms	POCE POC	E P
4.2.2	Shear and squeeze points during use	DOCE	CE P
4.3	Sequence of testing	OCE TO PL	Р
POCI	The chair shall be tested for stability according to UNE EN 1022:2019, 7.3 and in the order of Table 1.	POCE POCE	POCEP
	The chair shall be tested for strength and durability	-OCE OF	Р

H Building, HongFa Science and Technology Park, Tangtou, Shiyan, Bao'an District, Shenzhen, China Web: www.poce-cert.com Tel: +86-755-2911 3252 E-mail: service@poce-cert.com



	the	POCE	TOCE	
.4	Stability tests and requirements	305	PP	
JE -	When tested according to Table 1, the seating shall not overturn.	DE POUL POCE	POC	E
1.5 POCE	Structural safety requirements The structural safety requirements are met when the requirements according to 5.2 are fulfilled.	DCE POCE POCE	PPC	CE
5	Strength and durability	DOE DOE	Р	20
5.1	General	PO PO PO	Р	0
5.2	Requirements	POOL	P	X
E	The strength and durability requirements are fulfilled when, after testing in accordance with Table 2:	POCE POCE F	P	
CE	a) there are no fractures of any member, joint or component;	POCE POCE	P	Æ
OCE	b) there is no loosening of joints intended to be rigid; and	CE POCE POCE	Р	DCF
POCE	c) the chair fulfils its functions after removal of the test loads.	OUL POCE POC	P	09
5.3	Rolling resistance test and requirements	POUL POUL	CP	
e PC	The unloaded chair shall be tested for rolling resistance according to UNE EN 1728:2013, 6.30 and shall fulfil the following requirements:	POCE POCE F	P	P
-	a) the castors shall be of identical construction;	POUL POUL	PCE	-
CE	b) the rolling resistance shall be \geq 12 N.	- DOE DOE	Р	0
6	Information for use	E PO POU	PO	35
POCE	Information for use shall be available in the language of the country in which the product will be available to the end user. It shall contain at least the following details:	See user manual	P	DC PC
204	a) information regarding the intended use;	po pour po	C P	
	b) information regarding possible adjustments;	DOCE DOE	Р	X
EP	c) instruction for operating the adjusting mechanisms;	See user manual	POP	
CE	d) instruction for the care and maintenance of the chair;	See user manual	Р	-E
POCE	e) 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;	See user manual	P	20
	f) information on the choice of castors in relation to	No such components	P	4-

H Building, HongFa Science and Technology Park, Tangtou, Shiyan, Bao'an District, Shenzhen, China Web: <u>www.poce-cert.com</u> Tel: +86-755-2911 3252 E-mail: <u>service@poce-cert.com</u>



P	Suggested loads, masses and cycles	E	PUU	POUL
e ce	The suggested loads, masses and cycles in this informative Annex are based upon use for 8 h a by persons weighing up to 110 kg.	F	POCE	POCE
	ment (I)-append table	POCE PO	OE POCE	POUL POC
	ALL ALL ALL	45		7

Attachment (I)-append table

Table 1: Determination of dimensions

No.	Position	Unit	Measure value
1	Seat height	Millimetre(mm)	440
2	Seat depth	Millimetre(mm)	420
3	Depth of seat surface	Millimetre(mm)	500
4	Seat width	Millimetre(mm)	420
5	Inclination of the seat surface	Degree(°)	0 00
6	Height of the back supporting point "S" above surface	Millimetre(mm)	200
7	Height of the back pad	Millimetre(mm)	780
8	Height of the upper edge of the back rest above the seat surface	Millimetre(mm)	800
9	Back rest width	Millimetre(mm)	540
10	Horizontal radius of bake rest	Millimetre(mm)	500
11	Back rest inclination adjustment	Degree(°)	90,00
12	Length of the useful arm rest	Millimetre(mm)	280
13	Width of the useful area of the arm rest	Millimetre(mm)	80
14	Height of the useful area of the arm rest above the seat	Millimetre(mm)	220
15	Distance from the front of the arm rest to the seat	Millimetre(mm)	100
16	Clear width between the useful area of the rests	Millimetre(mm)	500
17 📍	Maximum offset of the underframe	Millimetre(mm)	330
18	Stability dimension	Millimetre(mm)	240

Table 2: Former edge toppled over test

To Stability uniterisit		25		240
CE POCE	POCE POCE			
Table 2: Former edge top Position	opled over test	Load	Result	E PO
front edge seat	POCE DO	265N	No toppled a	and fall
ALL AL		20-	2005	SCE



Table 3: Forwards toppled over test		
Position	Load	Result
Before tipped position 60mm (vertical)	265N	No toppled and fall
Before tipped position 60mm (level)	20N	DOCE PU
Note: a link stopper is installed before center of resistance	DCE	TE DE POUL

Table 4: Lateral toppled over test

Position	Load	Result
Distance back side 190mm and centre 100mm (vertical)	250N	After 5 minutes have no toppled and fallen, arm not be breakage, no
Distance front 40mm of arm centre (vertical)	350N	serious transformation.
Perpendicular to arm	20N	POCE POCE
Note: a link stopper is installed on another side	OF	CE CE

Table 5: back side toppled over test

able 5: back side toppled over test		
Position	Load	Result
Position A (vertical)	75KG	Maximum inclination is 18°not
Above position A 220mm and perpendicular to backrest	315N	toppled over
Before tipped position 60mm (level)	20N	- POUL POCE

Table 6: Fatigue Test

Position	Action	Unit POCE DOCE	Result
Turn table	Revolve	6r/Min	After 100 hours, chair revolve and
EUT	Revolve	Angle: 0-180 inverting 180-0	upload normally, no hazards

Note: 1, ensure pedestal can't revolve, but won't disturb truckle move normally.

- 2, Truckle will revolve freely.
- 3, Each time the changes of direction, turn table keep 2Min
- 4, Load action will be a circulate which charge 60s and discharge 30s.

Table 7: Armrest durability test

H Building, HongFa Science and Technology Park, Tangtou, Shiyan, Bao'an District, Shenzhen, China Tel: +86-755-2911 3252 Web: www.poce-cert.com E-mail: service@poce-cert.com

POCE



Steps	Position	Action	Unit	Result
1 CE	Distance the head of armrest 100mr (10°deflection between vertical)	n Load	10N (preload)	After test, chair armres has not serious
2	Distance the head of armrest 100mr (10°deflection between vertical)	n Load	400N	deformation and no broken
	I, Before test, adjust chair to lowest p , Every arm test 60000 times, all resu		DOCE DO	DOE POOCE P
Fable 8	: Stability tests and parameters			
-	Turk Profile	- Chi	and available of	T

Table 8: Stability tests and parameters

PUV - p0	JUL OCE		- PO	2005
Tests	Reference	Loads and cycles	Test parameters	Result
1. Corner stability	UNE EN 1022:2019,	Force F1, N	300	DPCE
DCE DE	7.3.3	Cycle	E 1 CE	
2. Forward	UNE EN 1022:2019,	Force F1, N	600	POC
overturning	7.3.1	Force F2, N	20 20	
	DOCE DOCE	Cycle	1 900	PC
3. Forward	UNE EN 1022:2019,	Force F1, N	1100	N/A
overturning for	7.3.2	Force F2, N	20	5
chairs with footrests	ENEPO	Cycle	POCE	OE
4. Sideways	UNE EN 1022:2019,	Force F1, N	600	N/A
overturning for	7.3.4	Force F2, N	20	OCE
chairs without arm	POUL	Cycle	105	-
rests p000	OCE OCE	DE POS	POUL	DOCE
5. Sideways	UNE EN 1022:2019,	Force F1, N	250	Р
overturning for	7.3.5.1 and 7.3.5.2	Force F2, N	350	POL
chairs with arm	PUC PUC	Force F3, N	20	2
rests	POCE DOCE	Cycle	1 PUC	P
6. Rearwards	UNE EN 1022:2019,	Force F1, N	600	N/A
overturning for	7.3.6	Force F2, N	0,2857*(1000-H ^a)	. 1
chairs without back	E CE	Cycle	P001 00	DCE
rest inclination and	POUL	DCE DCE	CF F	-
for chairs with	DCE DCE	PU-	POUL	DOCE
adjustable backrest	PUO	POCE DOCE	- CE	-5
inclination that can	POCE	DE PO	POUL	POCE
be locked	PUC	POUL DO	CE OCE	
7. Rearwards	UNE EN 1022:2019, 7.4	Number of Discs	13	PO
overturning for	The post	Cycle	OCE 1 DOCE	-
chairs with back rest	POUL DOC	E SCE	DE PUC	P
inclination	A PO	POU	POCE	JE

Table 9: Strength and durability test sequence and parameters H Building, HongFa Science and Technology Park, Tangtou, Shiyan, Bao'an District, Shenzhen, China Web: www.poce-cert.com Tel: +86-755-2911 3252 E-mail: service@poce-cert.com



Tests	Reference	Loads and cycles	Test parameters	Result
1.Combined seat and	UNE EN 1728:2013, 7.3	Seat force F1, N	1600	PP
back static load test	DE PU	Back rest force F2, N	560	- (
	POCE DOCE	Cycles	10	POL
2. Seat front edge static	UNE EN 1728:2013, 7.4	Force, N	1600	Р
load test	POUL DOCT	Cycles	10	- PI
3. Foot rest static load test	UNE EN 1728:2013, 7.8	Force, N	1300 000	N/A
	POU PO	Cycles	10	-5
4. Seat and back	UNE EN 1728:2013, 7.9	Step 1:	PUT PC	P
durability	PUT P	Force, N, at point A	1 500	OF
	OF DOCE	Cycles	120 000	004
	OF FU	Step 2:		OF
	OUL DOCE	Force, N, at point C	1 200	POUL
	OF TO	Force, N, at point B	320	-
	POUL DOCE	Cycles	80 000	PO,
	-CE F	Step 3:		
	POUL DOCK	Force, N, at point J	1 200	- PI
	ACE	Force, N, at point E	320	E
	POU PO	Cycles	20 000	-5
	E	Step 4:		CF
	E PUS P	Force, N, at point F	1 200	0E
	ICE DOCE	Force, N, at point H	320	OUL
	DE PO	Cycles	20 000	-CF
	DOUL DOCE	Step 5 ^a :		POU'
	OF FO	Force, N, at point D		~
	POUL BOCK	and G	1 100	PU
	OCE	Cycles	20 000	1
5. Armrests durability	UNE EN 1728:2013, 7.10	Force, N	400	P
	OCE	Cycles	60 000	,E
6.1 Armrest downward	UNE EN 1728:2013, 7.5	Force, N	750	Р
static load test – central b	E DOCE	Cycles	P005 p0	JOF
6.2 Armrest downward	RE PUT P	Force, N	900	Р
static load test – central c	DUL DOCE	Cycles	5	pour

and the loading point G shall be 150 mm to the left of point A.

b This test shall be carried out before the stability tests.

c This test shall be carried out after the stability tests.



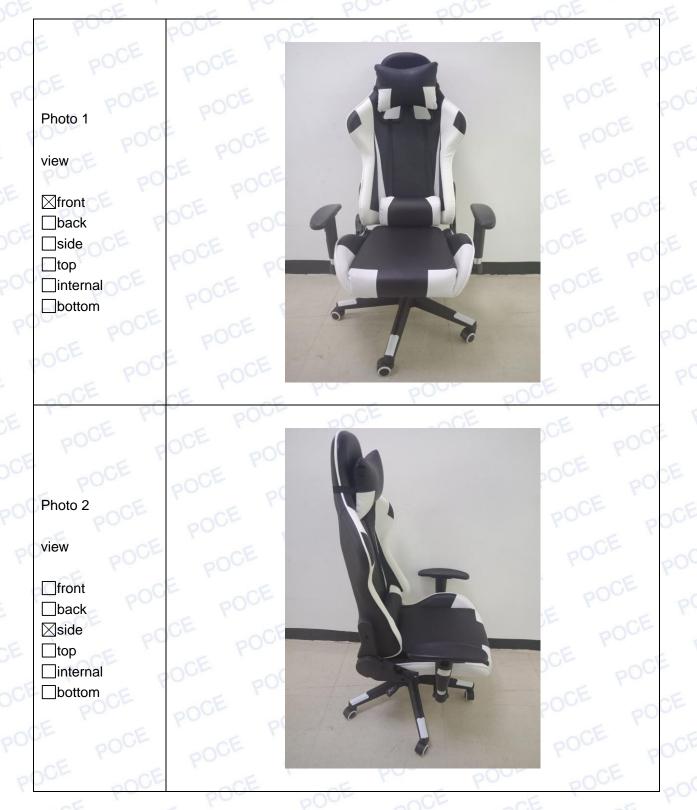
1 Area as at also and		Loads and cycles	Test parameters	D
1. Arm rest downward	UNE EN 1728:2013, 7.6	Force, N	450	P
static load test – front	POOL	Cycles	5	PL
2. Arm rest sideways	UNE EN 1728:2013, 7.7	Force, N	400	Р
static load test	POUL DOCL	Cycles	10	- 1
3. Swivel test	UNE EN 1728:2013, 7.11	Masse M1, kg	60 000	P
OF FO	POUL PO	Masse M2, kg	35	-5
POUL DOC	E	Cycles	120 000	CE
4. Foot rest durability	UNE EN 1728:2013, 7.12	Force, N	900	N/A
POUL PC	CE DOCE	Cycles	50 000	00,
5. Castor and chair	UNE EN 1728:2013, 7.13	Masse M1, kg	110	Р
base durability	DUL DOCE	Cycles	36 000	PO

Table A.1: Loads, masses and cycles for functional tests

POCE



Attachment (II): real photos of EUT



page 12 of 13



SHENZHEN POCE TECHNOLOGY CO., LTD. REPORT NO.: POCE200420043BRS



** THE END OF REPORT **