TEST REPORT

Applicant	:	HEBEI CHENGXIN FURNITURE CO.,LTD
Address	:	Shengfang Town Industrial Park, Bazhou City, Hebei Province, China

Report on the submitted sample said to be:

Sample Name	:	Eames Chair Replica
Model/style	:	DSW,PBT-6075
Manufacture	:	HEBEI CHENGXIN FURNITURE CO.,LTD
Address	:	Shengfang Town Industrial Park, Bazhou City, Hebei Province, China
Sample received date	:	Apr.12, 2017
Testing period	:	Apr.12, 2017 –Apr.17, 2017

Test Result Summary:

TEST REQUESTED	RESULT
Clause 5.1,5.2,5.3,5.4 of UNE-EN 12520:2016	P
Clause 6.4~6.28of UNE-EN 1728:2013	P
Clause 6.2~7.7of UNE-EN 1022:2005	P
For further details, please refer to the following page(s)	

REMARKS:

1. The test report is valid for above tested sample only and shall not be reproduced inpart without written approval of the company.
2. Characterization & Condition of sample: Normal.
3. Ambient Condition During Testing:(15~22)℃, (25~50)％RH.
4. N – Not applicable;

   F(ail)-Test item does not meet the requirement

   P-Test item does meet the requirement

Prepared by: Eva

Examine By : Calvin Chen

Approved(Manager) : Machael Mo

TESTS CONDUCTED:

UNE-EN 12520:2016			
Clause	Test Items and Requirements	Result – Remark	Verdict
5.1	**General requirements**		**---**
	a) edges of the seat, back rest and arm rests, which are in contact with the user when sitting are rounded or chamfered. All other edges accessible during use shall be free from burrs and/or sharp edges;	Free from burrs and/or sharp edges	P
	b) Ends of hollow components are closed or capped.	Closed	P
	Movable and adjustable parts shall be designed so that injuries and inadvertent operation are avoided.		P
	It shall not be possible for any load bearing part of the seating to come loose unintentionally.		P
	All parts which are lubricated to assist sliding shall be designed to protect users from lubricant stains when in normal use.		P
5.2	**Shear and squeeze points**		---
5.2.1	Shear and squeeze points when setting up and folding		P
	Unless 5.2.2 or 5.2.3 are applicable, shear and squeeze points, that are created only during setting up and folding, including tipping seat, are acceptable, because the user can be assumed to be in control of his/her movements and to be able to cease applying the force immediately upon experiencing pain.	Complied	P
	The edges of parts moving relative to each other and creating shear and squeeze points shall be as specified in 5.1.		P
5.2.2	Shear and squeeze points under influence of powered mechanisms		N
	With the exception of tipping seats there shall be no shear and squeeze points created by parts of the seating under powered mechanisms, e.g. springs and gas lifts.	No such parts	N
5.2.3	Shear and squeeze points during use		P
	There shall be no shear and squeeze points created by loads applied during normal use.		P
	The loads applied during normal use can be found in Table 1.		P
	Shear and squeeze points are not acceptable if a hazard is created sby the weight of the user during normal movements and actions, e.g. attempting to move the seating by lifting the seat or by adjusting the backrest.		P
5.3	**Stability**		**---**

	The seating shall fulfil the relevant requirements of UNE-EN 1022:2005.	The seating not overturn when tested, see append table 2	P
5.4	**Strength and durability**		**----**
5.4.1	General		P
	Seating shall be tested for strength and durability according to and in the order given in Table 1 and in accordance with the test conditions contained in UNE-EN 1728:2013.	See append table 1	P
5.4.2	Strength and durability requirements		P
	The strength and durability requirements are fulfilled when during and after testing in accordance with Table 1:		P
	a) there are no fractures of any member, joint or component;		P
	b) there are no loosening of joints intended to be rigid;		P
	c) seating fulfils its functions after removal of the test loads;		P
	d) seating fulfils the stability requirements.		P

Attachment (I)-append table

TABLE 1	UNE-EN 1728:2013 Strength and durability			P
Test item	Reference	Test parameters		Result
1. Seat static load and back static load test	UNE-EN 1728:2013, 6.4	Seat force F1, N Back force F2, N Minimum back force, N Load applied to seats not being tested, N Cycles	1300 450 410 750 10	P
2. Seat front edge static load test	UNE-EN 1728:2013, 6.5	Force, N Load applied to seats not being tested, N Cycles	1300 750 10	P
3. Foot rest static load test[a]	UNE-EN 1728:2013, 6.8	Force, N Minimum seat force, N Cycles	1000 750 10	N
4. Arm rest sideways static load test	UNE-EN 1728:2013, 6.10	Force, N Cycles	300 10	N
5. Arm rest downwards static load test	UNE-EN 1728: 2013, 6.11	Force, N Cycles	700 10	N
6. Combined seat and back durability test[e]	UNE-EN 1728: 2013, 6.17	Seat force F3, N, Back force F4, N Load applied to seats not being tested, N Cycles	1000 300 750 25 000	P
7. Seat front edge durability test[d]	UNE-EN 1728: 2013, 6.18	Force, N Cycles	800 20000	P
8. Arm rest durability test	UNE-EN 1728: 2013, 6.20	Force, N Cycles	400 10000	N
9. Leg forward static load test	UNE-EN 1728: 2013, 6.15	Force, N (max.) Seat load, N Cycles	400 1000 10	P
10. Leg sideways static load test	UNE-EN 1728: 2013, 6.16	Force, N (max.) Seat load, N Cycles	300 1000 10	P
11. Seat impact test	UNE-EN 1728: 2013, 6.24	Drop height, mm Cycles	180 10	P
12. Backward fall test[b]	UNE-EN 1728: 2013, 6.28	Number of impacts	5	P
13. Back impact test[c]	UNE-EN 1728: 2013, 6.25	Height of fall, mm or angle,° Cycles	120 28 10	P

a: This test is only applicable to seating with a seat height greater than 600 mm.

b: This test is only for single seating units where the back will be the first part of the structure to strike the floor and the force used to overturn the chair rearwards is less than 30 N.

c: This test is for all seating not tested in accordance with Test 12.

d: In derogation of UNE-EN 1728:2013 the loading points shall be 80 mm from the relevant edges of the seat.

e: The minimum back force is the force that just prevents rearward overturning.

TABLE 2	**UNE-EN 1022:2005 omestic furniture Seating Determination of stability**	
Clause	Test Items and Requirements	Result
6.2	Forwards overturning	P
6.3	Forwards overturning (with footrest)	N
6.4	Sideways overturning (without arms)	P
6.5	Sideways overturning (with arms)	N
6.6	Rearwards overturning	P
7.3	Tilting chairs	N
7.4	Rocking chairs	N
7.5	Reclining chairs (with footrests)	N
7.6	Footrest test、	N
7.7	Reclining chairs (without footrests)	N

Attachment (II): real photos of EUT

**** THE END OF REPORT ****