



Report No. [REDACTED]

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Test Report

Subject: Mechanical test for camping chair
Product name: Camping chair
Applicant: [REDACTED]
Applicant address: [REDACTED]
Model no: [REDACTED]
PO no: [REDACTED]
Country of origin: --
Country of destination: --
Product ID No: --
Test Period: Nov. 30th. 2022 to Dec. 08th. 2022
Test requirement: According to EN 581-1: 2017: Outdoor furniture -Seating and tables for camping, domestic and contract use - Part 1: General safety requirements;
EN 581-2: 2015 + AC: 2016: Outdoor furniture.- Seating and tables for camping, domestic and contract use - Part 2:
Conclusion: Pass (except for clause 8 – Information for use) (except for Annex B – Purchase information)

Signed for and on behalf of
DEKRA Testing and Certification (Shanghai) LTD.

Engineer : Daniel Li
Signature

Reviewer : Emil Chen
Signature

Engineer name : Daniel Li
Date: Dec. 08th 2022

Reviewed by : Emil Chen
Date: Dec. 08th 2022

Attention: Please note that every statement made in this report is only valid for the samples tested and reported herein. This report shall not be reproduced except in full, without the written approval of the testing laboratory. If you have any comment on the test results, please contact us in writing in 15 days after the issuing of report.



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Test Results

1. General safety requirements for outdoor furniture

With reference to EN 581-1: 2017: Outdoor furniture - Seating and tables for camping, domestic and contract use -

Part 1: General safety requirements;

The submitted sample was subjected to the following tests:

Clause	Requirements	Remark	Verdict
5	Safety requirement		
5.1	General	No hazards	P
5.2	Tubular components	No hazards	P
5.3	Shear and squeeze points		
5.3.1	Shear and squeeze points when erecting, adjusting and folding away	No hazards	P
5.3.2	Shear and squeeze points under the influence of powered mechanisms		N/A
5.3.3	Shear and squeeze points during use	No hazards	P

2. Mechanical safety requirements for outdoor furniture

With reference to EN 581-2: 2015 + AC: 2016: Outdoor furniture - Seating and tables for camping, domestic and contract use - Part 2: Mechanical safety requirements and test methods for seating;

The submitted sample was subjected to the following tests:

Test level - Camping use

Clause	Requirements	Remark	Verdict	
7	Safety, strength and durability requirements for other seating			
7.1	General	Details see EN 581-1 result	P	
7.2	Stability, strength and durability			
7.2.1	Test sequence and parameters	Test result see Table 2	P	
Table 2 - Test sequence and test parameters for other seating				
Test 1	EN 1728: 2012,6.4	Seat static load and back static load test	Seat Force : 1100 N For 10 cycles and 10 s/cycle, and 1 cycle for 30 min	P
Test 2	EN 1728: 2012,6.5	Seat front edge static load test	Seat Force: 1100 N For 10 cycles and 10 s/cycle	P
Test 3	EN 1728: 2012,6.17	Combined seat and back durability test	Seat Force : 750 N Back Force : 250 N For 12500 cycles and 2s/cycle	P
Test 4	EN 1728: 2012,6.19	Durability test on seating with a multi-position back rest		N/A
Test 5	EN 1728: 2012,6.11	Arm rest static load test		N/A
Test 6	EN 1728: 2012,6.20	Arm rest durability test	Armrest Force : 400 N For 5000 cycles and 2s/cycle	P
Test 7	EN 1728: 2012,6.15	Leg forward static load test	Seat Load : 750 N Horizontal Force: 250 N 10 cycles X 10s	P

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Test 8	EN 1728: 2012,6.16	Leg sideways static load test	Seat Load : 750 N Horizontal Force: 200 N 10 cycles × 10s	P
Test 9	EN 1728: 2012,6.24	Seat impact test	Drop weight : 25 kg Drop height : 140 mm For 10 cycles	P
Test 10	EN 1728: 2012,6.8	Foot rest static test	--	N/A
Test 11	EN 1022: 2018	Forward stability	Not overturned	P
Test 12	EN 1022: 2018	Rearward stability	Not overturned	P
Test 13	EN 1022: 2018	Sideways stability	Not overturned	P
7.2.2	Requirements		No hazards	P
6	Safety, strength and durability requirements for loungers			
6.1	General			N/A
6.2	Stability, strength and durability			
6.2.1	Test sequence and parameters		--	N/A
Table 1 — Test sequence and test parameters for loungers				
Test 1	EN 1728: 2012,8.2	Seat and back static load test	--	N/A
Test 2	EN 1728: 2012,8.3	Additional seat and leg rest static load test	--	N/A
Test 3	EN 1728: 2012,8.4.1	Seat and back durability test	--	N/A
Test 4	EN 1728: 2012,8.4.2	Additional seat durability test	--	N/A
Test 5	EN 1728: 2012,8.5	Durability test on back rest mechanism	--	N/A
Test 6	EN 1728: 2012,8.6	Arm rest static load test	--	N/A
Test 7	EN 1728: 2012,8.7	Arm rest durability test	--	N/A
Test 8	EN 1728: 2012,8.8	Impact test	--	N/A
Test 9	EN 1728: 2012,8.9	Lifting test for mobile loungers	--	N/A
Test 10	EN 581-2: 2015+AC:2016, A.1.2	Forward stability	--	N/A
Test 11	EN 1022:2018, 7.3.6 & 7.4.3	Rearward stability	--	N/A
Test 12	EN 581-2: 2015+AC:2016, A.1.1	Sideways stability	--	N/A
6.2.2	Requirements		--	N/A
8	Information for use			



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8.1	General	See Remark 1	N/T
8.2	Marking for loungers	--	N/A
Annex B	Purchase information	See Remark 2	N/T

Abbreviation:

P=Pass; N/A=Not Applicable; N/T=Not Test

3. Stability of furniture

With reference to EN 1022: 2018 – Furniture-Seating-Determination of stability, the submitted sample was subjected to the following tests:

Clause	Requirements	Remark	Verdict
7	Test methods for assessing stability of all seating except loungers		
7.1	General		
7.2	Requirements	--	--
7.3	Test procedures, all seating		
7.3.1	Forwards overturning	Not overturned	P
7.3.2	Forwards overturning for seating with footrest	--	N/A
7.3.3	Corner stability test	Not overturned	P
7.3.4	Sideway overturning, all seating without arm rests	--	N/A
7.3.5	Sideway overturning, all other seating		
7.3.5.1	General		
7.3.5.2	Seating with arm rests	Not overturned	P
7.3.5.3	Seating with raised side edges	--	N/A
7.3.6	Rearward overturning, all seating with back rests	Not overturned	P
7.4	Additional test procedures for seating with reclining back rests		
7.4.1	General		
7.4.2	Tilting seating	--	N/A
7.4.3	Reclining seating with leg rest	--	N/A
7.4.4	Reclining seating without leg rest	--	N/A
7.4.5	Rewards stability test for rocking chairs	--	N/A
8	Loungers		
8.1	General		
8.2	Requirements	--	N/A
8.3	Test procedures		
8.3.1	Forwards overturning	--	N/A
8.3.2	Sideways overturning	--	N/A

Abbreviation:

P=Pass; N/A=Not Applicable

Remark:

- Information for use was not present for check.

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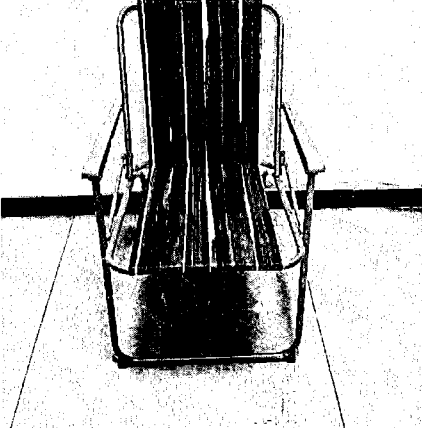
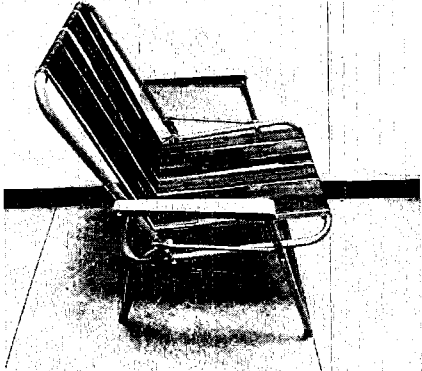
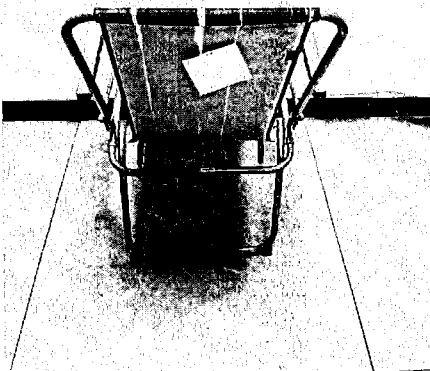
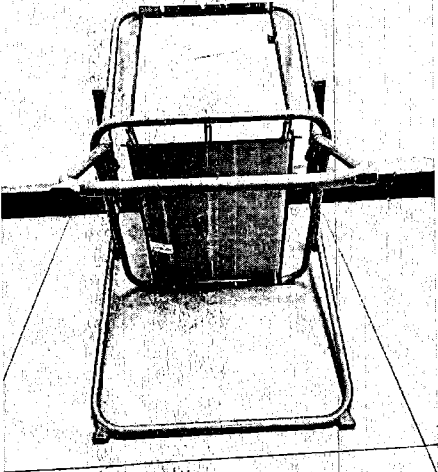
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2. The purchase information was not provided for check

Sample Data:

Overall Dimension (cm):	66.0cm x 54.5.0cm x 76.0
Weight (kg):	2.4

Sample Photos

	
<p>Photo No 1: Front View</p>	<p>Photo No 2: Side view</p>
	
<p>Photo No 3: Back view</p>	<p>Photo No 4: Bottom view</p>

******* End of Report *******

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