

Test Report

Number: SHAH01283278

Applicant: ZHEJIANG RIRIQING OUTDOOR FURNITURE
CO LTD
Hengxi Village, Datian Street, Linhai
Linhai City, Zhejiang Province, China
Attn: Jenny Chen

Date: 10 Dec, 2020

Sample Description:

One (1) group of submitted sample said to be :

Item Name : Rattan sofa set/steel lover set
Item No. : 863-059/860-143
Quantity : 2
Goods Exported To : China
P.O. No. : 2000131

Tests Conducted:

As requested by the applicant, for details refer to attached page(s).

Conclusion:

<u>Tested samples</u>	<u>Standard</u>	<u>Result</u>
Submitted sample	EN 581-1:2017 outdoors furniture -seating and table for camping, domestic and contract use – part 1: general safety requirements	Pass
Submitted sample	EN 581-2:2015/AC: 2016 outdoors furniture – seating and tables for camping, domestic and contract use – part 2: mechanical safety requirements and test methods for seating	Pass

To be continued

Authorized By:
Intertek Testing Services Ltd. Zhejiang



Peter Chen
General Manager



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Tests Conducted

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:

Number of Sample Tested: One (1) Piece

Initial inspection: No any damage was found

Executive Summary:

Clause	Testing items	Verdict
5.1	General	P
5.2	Tubular components	P
5.3	Shear and squeeze points	P

Abbreviation: P=Pass

Date Sample Received: Nov 18, 2020
 Testing Period: Nov 18, 2020 To Dec 09, 2020

2. SAFETY, STRENGTH AND DURABILITY REQUIREMENTS FOR OTHER SEATING

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 samples were subjected to the following tests:

Number of sample tested: One (1) piece per sample

Type of furniture: Domestic

Initial inspection: No any damage was found.

Executive summary: (sample A: chair; sample B: sofa)

Clause	Test items	Verdict
7.1	General	See EN 581-1
7.2.1 (11), 7.2.1 (12), 7.2.1 (13)	Stability	(See remark)
7.2.1 (1)	Seat static load and back static load test	P
7.2.1 (2)	Seat front edge static load test	P
7.2.1 (3)	Combined Seat and back durability test	P
7.2.1 (4)	Durability test on seating with a multi-position back rest	NA
7.2.1 (5)	Arm rest static load test	A: NA; B: P
7.2.1 (6)	Arm rest durability test	A: NA; B: P
7.2.1 (7)	Leg forward static load test	P
7.2.1 (8)	Leg sideways static load test	P
7.2.1 (9)	Seat impact test	P
7.2.1 (10)	Foot rest static test	NA
7.2.1 (11), 7.2.1 (12), 7.2.1 (13)	Stability	(See remark)
8	Instruction for use	
8.1	General	P
8.2	Marking for mobile loungers	NA

Abbreviation: P=Pass NA=Not Applicable

Remark

Please refer to stability tests result for details.



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Stability of furniture

With reference to EN 1022: 2005 - domestic furniture seating-determination of stability, the submitted sample was subjected to the following tests:

Executive summary: (Before strength and fatigue test) (sample A: chair; sample B: sofa)

Clause	Test items	Verdict
6	Test procedure and requirements, all seating: experimental method	
6.2	Forwards overbalancing, all seating	P
6.3	Forwards overbalancing for seating with footrest	NA
6.4	Sideways overbalancing, all seating without arms	P
6.5	Sideways overbalancing, all seating with arms	A: NA; B: P
6.6	Rearwards overbalancing, all seating with backs	P
7	Test procedures and requirements for seating with variable geometry: experimental method	
7.3	Tilting chairs	NA
7.4	Rocking chairs	NA
7.5	Reclining chairs with footrests	NA
7.6	Footrest test	NA
7.7	Reclining chairs without footrests	NA

Abbreviation: **P**=Pass **NA**=Not Applicable

Executive Summary: (After strength and fatigue test)

Clause	Test items	Verdict
6	Test procedure and requirements, all seating: experimental method	
6.2	Forwards overbalancing, all seating	P
6.3	Forwards overbalancing for seating with footrest	NA
6.4	Sideways overbalancing, all seating without arms	P
6.5	Sideways overbalancing, all seating with arms	A: NA; B: P
6.6	Rearwards overbalancing, all seating with backs	P
7	Test procedures and requirements for seating with variable geometry: experimental method	
7.3	Tilting chairs	NA
7.4	Rocking chairs	NA
7.5	Reclining chairs with footrests	NA
7.6	Footrest test	NA
7.7	Reclining chairs without footrests	NA

Abbreviation: **P**=Pass **NA**=Not Applicable

Note:

1 sample description:

Overall dimensions(mm):

Chair: 476 (Depth) x 485 (Width) x 710 (Height)

Sofa: 688 (Depth) x 1955 (Width) x 595 (Height)

Weight(kg):

Chair: 4.65

Sofa: 16.35

Date Sample Received: Nov 18, 2020

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Picture 1: Submitted sample A



Picture 2: Submitted sample B

End Of Report

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