

Test Report

Number: SZHH01296261

Applicant: DECOR ZONE CO.,LIMITED
TANG LONG INDUSTRIAL ZONE,
GUAN QIAO, ANXI, FUJIAN
PROVINCE, CHINA

Date: Oct 17, 2018

Attn: DAVID/JAMES

Sample Description:

One(1) submitted samples said to be :
ITEM NAME : **Metal Bar Stool.**
ITEM NO. : **DZ18A0100 (10000208353).**
Color : RUSTIC BROWN.
P.O. NO. : 54175.
Manufacturer : DECOR ZONE CO.,LTD.
End Use : DOMESTIC.
Country of Destination : FRANCE.
Country of Origin : CHINA.
Age grading for testing : ADULT.
Date Sample Received : Sep 26, 2018 & Oct 11, 2018.



Tests conducted:

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

To be continued

Authorized by:
For Intertek Testing Services Shenzhen Ltd
Xiamen Branch



Ben N.L. Lin
General Manager


Page 1 of 7



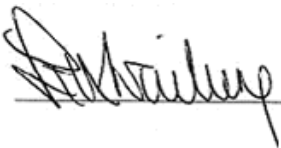
Test Report

Number: SZHH01296261

Conclusion

<u>Tested Sample</u>	<u>Standard</u>	<u>Result</u>
Submitted sample	EN 581-1: 2017 Outdoor Furniture – Seating and Tables for Camping, Domestic and Contract Use – Part 1: General Safety Requirements	Pass
	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 Excluding - clause 8-Instruction for use (Test level: Domestic use)	Pass

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Test Report

Number: SZHH01296261

Tests Conducted

1. General Safety Requirements for Outdoor Furniture

Test standard: EN 581-1: 2017, Outdoor Furniture - Seating and Tables for Camping, Domestic and Contract Use - Part 1: General Safety Requirements.

Dimensions: 380 mm W x 430 mm D x 880 mm H.

Weight: 7.7 kg.

Number of sample tested: One (1) piece.

Clause	Requirement	Result
5.1 General	<p>In order to avoid physical injury when the product is in its intended position of use, all edges and corners shall be rounded, chamfered or otherwise protected. This applies to:</p> <p>---Seating: Edges of the seat, back rest and arm rests and any part of the bottom surface of the seat at a distance less than 120 mm from any edge, where a finger can commonly access;</p> <p>---Tables: Table tops, any part of the underside of the top surface at a distance less 500 mm from any edge below the table, where a knee and/or an arm can commonly access.</p> <p>All other parts shall be free from burrs, sharp edges and sharp points.</p> <p>Movable and adjustable parts shall be designed so that injuries and inadvertent operation are avoided.</p> <p>It shall not be possible for any load bearing part of the furniture to come loose unintentionally.</p> <p>All parts which are lubricated to assist sliding shall be designed to protect users from lubricant stains when in normal use.</p>	P
5.2 Tubular components	<p>There shall be no accessible holes in the ends of tubular components with a diameter between 7 mm to 12 mm and with a depth more or equal to 10 mm.</p> <p>The bottom of tubular legs in contact with the floor shall be closed or capped, however, holes in them are allowed as long as they are not between 7 and 12 mm.</p>	P
5.3 Shear and squeeze points		
5.3.1 Shear and squeeze points when erecting, adjusting and folding away	<p>Unless 5.3.2 or 5.3.3 are applicable, shear and squeeze points that are created only during erecting, adjusting or folding away are acceptable providing the user can be assumed to be in control of his/her movements and to be able to cease applying the force immediately on experiencing pain.</p>	NA



Test Report

Number: SZHH01296261

Tests Conducted

Clause	Requirement	Result
5.3.2 Shear and squeeze points under the influence of powered mechanisms	There shall be no accessible shear and squeeze points created by parts of the furniture operated by powered mechanisms, e.g. mechanical springs and gas lifts.	NA
5.3.3 Shear and squeeze points during use	<p>There shall be no accessible shear and squeeze points created by loads applied during normal use.</p> <p>Shear and squeeze points are not acceptable if there is a risk of injury created by 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> <p>For loungers, the loads applied during normal use are the loads used for the following mechanical tests in Table 1 of EN 581-2:2015: — Test 2: Additional seat and leg rest static load; — Test 3: Seat and back durability; — Test 4: Additional seat durability; — Test 5: Durability on back rest mechanism.</p> <p>For other seating, the loads applied during normal use are the loads used for the following mechanical tests in Table 2 of EN 581-2:2015: — Test 2: Seat front edge static; — Test 3: Combined seat and back durability; — Test 4: Durability test on seating with a multi-position back.</p> <p>For tables, the loads applied during normal use are the loads used for the following mechanical tests in Table 1 of EN 581-3:2007: — Test 1: Vertical static load on main surface; — Test 4: Vertical static load on ancillary surface; — Test 5: Horizontal durability test.</p>	P

Abbreviation: P = Pass; NA = Not Applicable



Test Report

Number: SZHH01296261

Tests Conducted

2. Safety, Strength and Durability Requirements for Other Seatings

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 samples tested: One (1) piece.

Type of furniture: Domestic use

Initial inspection: No any damage was found.

Executive summary:

Clause	Test Items	Verdict
7.1	General	P See EN 581-1
7.2.1 (11), 7.2.1 (12), 7.2.1 (13)	Stability	P (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	NA
7.2.1 (6)	Arm rest durability test	NA
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	P
7.2.1 (11), 7.2.1 (12), 7.2.1 (13)	Stability	P (See remark)
8	Instruction for use	
8.1	General	# 1
8.2	Marking for mobile loungers	NA

Abbreviation: P = Pass; NA = Not Applicable

Remark

Please refer to stability tests result for details.

Stability of Furniture

With reference to EN 1022: 2005 - Domestic Furniture Seating-Determination of Stability, the submitted sample was subjected to the following tests:



Test Report

Number: SZHH01296261

Tests Conducted

Executive summary: (Before 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	P
6.4	Sideways overbalancing, all seating without arms	P
6.5	Sideways overbalancing, all seating with arms	NA
6.6	Rearwards overbalancing, all seating with backs	NA
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	P
6.4	Sideways overbalancing, all seating without arms	P
6.5	Sideways overbalancing, all seating with arms	NA
6.6	Rearwards overbalancing, all seating with backs	NA
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 Instruction for use was not provided.

Instruction for use shall be provided in the language(s) of the country where the seating are sold. These instructions shall be headed "IMPORTANT, RETAIN FOR FUTURE REFERENCE: READ CAREFULLY" in letters no less than 5 mm high, unless if the following information are permanently marked on the product.

It shall contain at least the following details:

- a) Name and address of the manufacturer/supplier/retailer;
- b) Conditions for use of the product (domestic, camping or contract).

If applicable:

- c) Assembly instructions;
- d) Instructions for the care and maintenance of the seating;
- e) If the seating is fitted with seat height adjustments with energy accumulators, an additional note is required pointing out that only trained personnel may replace or repair seat height adjustment components with energy accumulators.

End of report



Test Report

Number: SZHH01296261

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