



TEST REPORT

Report Number HA0123NB030761SFO

Applicant's name NINGBO NICEDAY INTERNATIONAL TRADING COMPANY

Applicant's address ROOM 519-3 HON HAI COMMERCIAL BUILDING, NINGBO FREE
TRADE ZONE, CHINA

Name of manufacturer NINGBO NICEDAY INTERNATIONAL TRADING COMPANY

Address of manufacturer ROOM 519-3 HON HAI COMMERCIAL BUILDING, NINGBO FREE
TRADE ZONE, CHINA

Name of factory (ies) NINGBO NICEDAY INTERNATIONAL TRADING COMPANY

Address of factory (ies) ROOM 519-3 HON HAI COMMERCIAL BUILDING, NINGBO FREE
TRADE ZONE, CHINA

Product Name 6FT FOLD IN HALF BENCH

Trade Mark(s) N/A

Model No. NIC-B183FH/NIC-B1272FH/WZ-1172FH

Ratings 182*28*43cm

Total number of pages 8 pages

Standard Outdoor furniture — Seating and tables for camping, domestic and
contract use

Part 1: General safety requirements

Part 2: Mechanical safety requirements and test methods for seating

EN 581-1:2017

EN 581-2:2015+AC:2016

Date of Receipt sample March 06, 2023

Date of Test March 06, 2023 to March 15, 2023

Date of issue March 28, 2023

Test Report Form No. HATEK581_2A

Test Result Pass

Prepared By:

Ningbo HATEK Co., Ltd.

6F, No. 65, Mujin Road, National Hi-Tech Zone, Ningbo, Zhejiang 315013, China

Tel: +86-574-87171888 E-mail: info@hatek.com.cn

Prepared by:

Rick Chen

Rick Chen / Project Engineer

Approved by:



Miranda Mo

Miranda Mo / Technical Manager

Summary of testing:

From the result of our inspection and tests on the submitted samples, we conclude that they comply with the requirements of standards.

Determination of the test result includes consideration of measurement uncertainty from the test equipment and methods.

Tests performed (name of test and test clause):

Full tests.

Testing location:

Testing Laboratory name: Ningbo HATEK Co., Ltd.

Address: 6F, No. 65, Mujin Road, National Hi-Tech Zone, Ningbo, Zhejiang 315013, China

Possible test case verdicts:

- test case does not apply to the test object : N/A
- test object does meet the requirement : P (Pass)
- test object does not meet the requirement : F (Fail)

General remarks:

The test results presented in this report relate only to the object tested.

This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.

"(See appended table)" refers to a table appended to the report.

Throughout this report a point is used as the decimal separator.

General product information:

The product is a Wooden stool, The sample size is the same, but the model name is different

This document cannot be reproduced except in full, without prior written approval of HATEK. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Ningbo HATEK Co., Ltd.

Address: 6F, No. 65, Mujin Road, National Hi-Tech Zone, Ningbo, Zhejiang 315013, China

Tel: 86-574-87171888 www.hatek.com.cn E-mail: info@hatek.com.cn

EN 581-1:2017			
Clause	Requirement + Test	Result - Remark	Verdict
5	Safety requirements		P
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
	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
	Tables: Table tops, any part of the underside of the top surface at a distance less than 500 mm from any edge below the table, where a knee and/or an arm can commonly access		N/A
	All other parts shall be free from burrs, sharp edges and sharp points		P
	Movable and adjustable parts shall be designed so that injuries and inadvertent operation are avoided	No such parts	N/A
	It shall not be possible for any load bearing part of the furniture 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	No such parts	N/A
5.2	Tubular components		P
	There shall be no accessible holes in the ends of tubular components with a diameter between 7mm to 12mm and with a depth more or equal to 10mm		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 12mm	Tubular legs are capped	P
5.3	Shear and squeeze points		P
5.3.1	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.	Only during folding away	P
5.3.2	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.	Not such furniture	N/A
5.3.3	There shall be no accessible shear and squeeze points created by loads applied during normal use. 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.	No shear and squeeze points created	P

This document cannot be reproduced except in full, without prior written approval of HATEK. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Ningbo HATEK Co., Ltd.

Address: 6F, No. 65, Mujin Road, National Hi-Tech Zone, Ningbo, Zhejiang 315013, China

Tel: 86-574-87171888 www.hatek.com.cn E-mail: info@hatek.com.cn

EN 581-1:2017			
Clause	Requirement + Test	Result - Remark	Verdict
	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		N/A
	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	See EN 581-2	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		N/A

This document cannot be reproduced except in full, without prior written approval of HATEK. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Ningbo HATEK Co., Ltd.

Address: 6F, No. 65, Mujin Road, National Hi-Tech Zone, Ningbo, Zhejiang 315013, China

Tel: 86-574-87171888 www.hatek.com.cn E-mail: info@hatek.com.cn

EN 581-2:2015			
Clause	Requirement + Test	Result - Remark	Verdict
6	Safety, strength and durability requirements for loungers		N/A
6.1	General		N/A
	Before and after the strength, durability and stability tests are carried out, the EN 581-1 requirements shall be fulfilled		N/A
6.2	Stability, strength and durability		N/A
6.2.1	Test sequence and parameters		N/A
	The lounge shall be tested following the order listed in Table 1		N/A
	1. Seat and back static load test: EN 1728:2012, 8.2		N/A
	2. Additional seat and leg rest static load test: EN 1728:2012, 8.3		N/A
	3. Seat and back durability test: EN 1728:2012, 8.4.1		N/A
	4. Additional seat durability test: EN 1728:2012, 8.4.2		N/A
	5. Durability test on back rest mechanism: EN 1728:2012, 8.5		N/A
	6. Arm rest durability test: EN 1728:2012, 8.6		N/A
	7. Arm rest durability test: EN 1728:2012, 8.7		N/A
	8. Impact test: EN 1728:2012, 8.8		N/A
	9. Lifting test for mobile loungers: EN 1728:2012, 8.9		N/A
	10. Forward stability: A.1.2		N/A
	11. Rearward stability: EN 1022:2005, 6.6 for upright position and 7.5 for most reclined position		N/A
	12. Sideways stability: A.1.1		N/A
6.2.2	Requirements		N/A
	The safety, strength and durability requirements are fulfilled after testing in accordance with Table 1 when:		N/A
	a) there are no fractures of any joint, member or component		N/A
	b) there is no loosening of joints intended to be rigid		N/A
	c) the lounge fulfils its function after removal of the test loads		N/A
	d) the product shall not overturn when subjected to the stability tests		N/A
7	Safety, strength and durability requirements for other seating		P
7.1	General		P

This document cannot be reproduced except in full, without prior written approval of HATEK. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Ningbo HATEK Co., Ltd.

Address: 6F, No. 65, Mujin Road, National Hi-Tech Zone, Ningbo, Zhejiang 315013, China

Tel: 86-574-87171888 www.hatek.com.cn E-mail: info@hatek.com.cn

EN 581-2:2015			
Clause	Requirement + Test	Result - Remark	Verdict
	Before and after the strength, durability and stability tests are carried out, the EN 581-1 requirements shall be fulfilled		P
7.2	Stability, strength and durability		P
7.2.1	Test sequence and parameters		P
	The seating shall be tested for strength, durability and stability following the order listed in Table 2		P
	1. Seat static load and back static load test: EN 1728:2012, 6.4		P
	1. Seat static load and back static load test: EN 1728:2012, 6.4	1100N on seat, 10s, 10 cycles, Additional cycle 30min±10s	P
	2. Seat front edge static load: EN 1728:2012, 6.5	1100N at a point on the seat centre line 100mm in wards from the front edge of the structure, 10s, 10 cycles	P
	3. Combined seat and back durability test: EN 1728:2012, 6.17		N/A
	4. Durability test on seating with a multi-position back rest: EN 1728:2012, 6.19	Specified seat load: 750N Specified backrest load: 190N Cycles: 5000	N/A
	5. Arm rest static load test: EN 1728:2012, 6.11	--	N/A
	6. Arm rest durability test: EN 1728:2012, 6.20	Specified force: 400N Cycles: 5000	N/A
	7. Leg forward static load test: EN 1728:2012, 6.15	Seat load: 750N Horizontal specified forces: 250N, 10 cycles	P
	8. Leg sideways static load test: EN 1728:2012, 6.16	Seat load: 750N Horizontal specified forces: 200N, 10 cycles	P
	9. Seat impact test: EN 1728:2012, 6.24	The seat height is 430mm<600mm Drop height: 140mm, 10 cycles	P
	10. Foot rest static test: EN 1728:2012, 6.8		N/A
	11. Forward stability: EN 1022: 2018	F1=600N, F2=20N	P
	12. Rearward stability: EN 1022: 2018		N/A
	13. Sideways stability: EN 1022: 2018	F1=600N, F2=20N	P
7.2.2	Requirements		P

This document cannot be reproduced except in full, without prior written approval of HATEK. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Ningbo HATEK Co., Ltd.

Address: 6F, No. 65, Mujin Road, National Hi-Tech Zone, Ningbo, Zhejiang 315013, China

Tel: 86-574-87171888 www.hatek.com.cn E-mail: info@hatek.com.cn

EN 581-2:2015

Clause	Requirement + Test	Result - Remark	Verdict
	The safety, strength and durability requirements are fulfilled after testing in accordance with Table 2 when:		P
	a) there are no fractures of any joint, member or component		P
	b) there is no loosening of joints intended to be rigid		P
	c) the seating fulfils its function after removal of the test loads		P
	d) the seating fulfils the safety requirements		P
	e) the product shall not overturn when subjected to the stability tests		P

This document cannot be reproduced except in full, without prior written approval of HATEK. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Ningbo HATEK Co., Ltd.

Address: 6F, No. 65, Mujin Road, National Hi-Tech Zone, Ningbo, Zhejiang 315013, China

Tel: 86-574-87171888 www.hatek.com.cn E-mail: info@hatek.com.cn

Photo 1

Model: NIC-B183FH/NIC-B1272FH/WZ-1172FH

Description: Overall view



Photo 2

Model: NIC-B183FH/NIC-B1272FH/WZ-1172FH

Description: Overall view



----- End of Report -----

This document cannot be reproduced except in full, without prior written approval of HATEK. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Ningbo HATEK Co., Ltd.

Address: 6F, No. 65, Mujin Road, National Hi-Tech Zone, Ningbo, Zhejiang 315013, China

Tel: 86-574-87171888 www.hatek.com.cn E-mail: info@hatek.com.cn