



**BUREAU
VERITAS**

CONSUMER PRODUCTS SERVICES DIVISION

Nine United UK Ltd

Technical Report: (6622)214-1051
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Nine United UK Ltd
34 Queen Anne's Gate London SW1H 9AB

Sample Description:	19 Chairs – Stacking Chair / Stacking Arm Chair		
Manufacturer:	Nine United Limited	PO No.:	/
Buyer:	Nine United UK Ltd.	Style No	/
Country of Origin:	CHINA	Country of	EU
		Destination:	
Color:	/	SKU No.:	/
Protocol No.:	/	Previous Report No.:	/

TEST INFORMATION & EXECUTIVE SUMMARY

Evaluation To: For compliance with: -

1. EN 581-1: 2017, Outdoor furniture – seating and tables for camping, domestic and contract use – Part 1: general safety requirement.
2. 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. (Test level: contract level) (Stacking arm chair only test sideways stability)

Standards As specified in above standard(s)

Employed:

1. EN 1022: 2005, Domestic furniture – seating – determination of stability
2. EN 1728: 2012+AC:2013, Domestic furniture – seating – test methods for the determination of strength and durability

Conclusions:

1. The tested sample **COMPLIED** with the above standard: EN 581-1: 2017
2. The tested sample **COMPLIED** with the above standard: EN 581-2: 2015+AC: 2016 (Test level: contract level) (Stacking arm chair only test sideways stability)

REMARK:

The client specifies the test methods and requirements.
Stacking arm chair only test sideways stability as per client request.

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Hyde Bao
PRODUCT LINE MANAGER(HARDLINE DIVISION)

SUMMARY OF EXAMINATION

Introduction:

An examination was requested to ascertain compliance with the requirement(s) as detailed on page one of this report. The following clauses were considered applicable and our findings were as follows:

Stacking chair EN 581-2: 2015+AC: 2016 (Test Level: contract level)			
Clause	Description	Result	*Comments
4 & EN 1728: 2012+AC:2013, 4.1	Preliminary preparation	CONDUCTED	See note I
--	Defect observed before testing	--	See note II
EN 581-1:2017	General safety test	PASS	See note III
EN 1022: 2005	Forward stability test	PASS	--
EN 1022: 2005	Rearward stability test	PASS	--
EN 1022: 2005	Sideway stability test	PASS	--
EN 1728: 2012+AC:2013, 6.4	Seat & back static load	PASS	--
EN 1728: 2012+AC:2013, 6.5	Seat front edge static load	PASS	--
EN 1728: 2012+AC:2013, 6.17	Combined seat and back durability test	PASS	--
EN 1728: 2012+AC:2013, 6.19	Durability test on seating with a multi-position back test	NA	See note IV
EN 1728: 2012+AC:2013, 6.11	Arm rest static load test	NA	See note IV
EN 1728: 2012+AC:2013, 6.20	Arm rest durability test	NA	See note IV
EN 1728: 2012+AC:2013, 6.15	Leg forward static load test	PASS	--
EN 1728: 2012+AC:2013, 6.16	Leg sideways static load test	PASS	--
EN 1728: 2012+AC:2013, 6.24	Seat impact test	PASS	--
EN 1728: 2012+AC:2013, 6.8	Foot test static load	NA	See note IV
EN 1022: 2005	Forward stability test	PASS	--
EN 1022: 2005	Rearward stability test	PASS	--
EN 1022: 2005	Sideway stability test	PASS	--
8.1	Instruction for use	NC	See note V

Stacking arm chair EN 581-2: 2015+AC: 2016 (Test Level: contract level)			
Clause	Description	Result	*Comments
EN 1022: 2005	Sideway stability test	PASS	--

ANNEX I: SUBMISSION DESCRIPTION

Sample Description: 19 Chairs – Stacking Chair / Stacking Arm Chair

The overall dimension was recorded as:

Stacking chair: 60.0cm (D) x 49.2cm (W) x 79.3cm (H)

Stacking Arm Chair: 60.0cm (D) x 54.6cm (W) x 79.3cm (H)

Sample weight:

Stacking chair: 4.55kg

Stacking Arm Chair: 5.2kg

ANNEX II: ADDITIONAL COMMENTS

- I Samples were stored in indoor ambient condition 24 hours immediately prior to testing.
- II No defect was observed before testing.
- III Reference to detail test results of EN 581-1: 2017

Stacking chair EN 581-1: 2017			
Clause	Description	Result	*Comments
5.1	General	PASS	--
5.2	Tubular components	PASS	--
5.3	Shear and squeeze points	--	--
5.3.1	Shear and squeeze points when erecting, adjusting and folding away	NA	See note IV
5.3.2	Shear and squeeze points under the influence of powered mechanisms	NA	See note IV
5.3.3	Shear and squeeze points during use	PASS	--

IV NA = Not applicable

V NC = Not conducted as per client request

EXHIBIT



END