



**BUREAU
VERITAS**

Technical Report: (9619) 306-0340
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PMA INDUSTRIER VIET NAM CO.,LTD
FACTORY M3, MODULE 2, LOT D, ROAD D2, NAM TAN UYEN IP, KHANH BINH WARD, TAN UYEN TOWN, BINH
DUONG PROVINCE, VIETNAM

Sample Description:	MINH DINING CHAIR	Sample Size:	1PC
Vendor:	PMA INDUSTRIER VIET NAM CO.,LTD	VPN:	/
Manufacturer:	PMA INDUSTRIER VIET NAM CO.,LTD	SKN/SKU No.:	PMA420048 F3B
Buyer:	SCANDIC HOTELS	PO No.:	/
Agent:	/	Ref #:	/
Labeled Age Grade:	/	Country of Origin:	VIETNAM
Appropriate Age Grade:	/	Assortment No.:	/
Client Specified Age Grade:	/	Department No.:	/
Tested Age Grade:	/	ITEM#:	PMA420048 F3B
UPC Code:	/	Date of Production:	SEPTEMBER 2019
Phase of Production:	PRODUCTION	Model/Style#:	DINING CHAIR
Color:	BLACK / BRASS / LEATHER	Country of Destination:	SWEDEN
Program:	/		
Previous No:	N/A		

TEST:

1. BS EN 16139:2013 Furniture – strength, durability and safety requirements for non-domestic seating (Level 2)
2. EN 1022:2005/ BS EN 1022:2005 Domestic furniture – Seating – Determination of stability

EXECUTIVE SUMMARY:

The sample(s) MEETS the following requirement(s):

1. The requirements of BS EN 16139:2013 Furniture – strength, durability and safety requirements for non-domestic seating (Level 2).
2. The requirements of the EN 1022:2005/ BS EN 1022:2005 Domestic furniture – Seating – Determination of stability



If there is any question regarding this report, please contact the following lab personnel:

Administrative inquiries, please contact:

Primary Contact: Elise Vo, Tel: 84-028-37421-604 ~ 6, Ext: 394; email: elise.vo@vn.bureauveritas.com
Back-up Contact: Angelina Hong, Tel: 84-028-37421-604 ~ 6, Ext: 868; email: angelina.hong@vn.bureauveritas.com

Technical inquiries, please contact:

Primary Contact: Terry Nguyen, Tel: 84-028-37421-604 ~ 6, Ext: 355; email: terry.nguyen@vn.bureauveritas.com
Back-up Contact: Ron Nguyen, Tel: 84-028-37421-604 ~ 6, Ext: 313; email: ron.nguyen@vn.bureauveritas.com

BUREAU VERITAS CONSUMER PRODUCTS SERVICES (VN) LTD.

TERRY NGUYEN
AUTHORIZED REPORT APPROVER – HARDLINE, TOYS & JUVENILE PRODUCTS DIVISION

PHYSICAL CHARACTERISTICS:

<i>Overall Dimensions (mm)</i>			
Depth:	600	Total Weight (kg):	7.8
Width:	560	Seat Height (mm):	460
Height:	820	Backrest Length (mm):	451
<i>Inner Leg Span (mm)</i>			
Front:	395	Side:	530
Back:	400	Side:	530
<i>Outer Leg Span (mm)</i>			
Front:	435	Side:	570
Back:	440	Side:	570

TEST RESULT(S):

BS EN 16139:2013 Furniture – strength, durability and safety requirements for non-domestic seating (Level 2)			
Evaluation	Citation/Method	Results	*Comments
General safety	BS EN 16139: 2013 Clause 4.1	PASS	See note I
Shear and squeeze points when setting up and folding	BS EN 16139: 2013 Clause 4.2.1	NA	See note III
Shear and squeeze points under influence of powered mechanism	BS EN 16139: 2013 Clause 4.2.2	NA	See note III
Shear and squeeze points during use	BS EN 16139: 2013 Clause 4.2.3	PASS	--
Stability	BS EN 16139: 2013 Clause 4.3	PASS	See Note II
Rolling resistance of the unloaded chair	BS EN 16139: 2013 Clause 4.4/ EN 1335-3:2009 Clause 7.4	NA	See note III
Seat and back static load test	BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.4	PASS	--
Seat front edge static load test	BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.5	PASS	--
Vertical static load on back	BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.6	PASS	--
Foot rest and leg rest static load test	BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.8, 6.9	NA	See note III
Arm sideways static load test	BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.10	PASS	--
Arm downwards static load test	BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.11	PASS	--
Vertical upwards static load on arm rests	BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.13.1, 6.13.2	PASS	--
Seat and back durability test	BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.17	PASS	--
Seat front edge durability test	BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.18	PASS	--
Arm durability test	BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.20	PASS	--
Foot rest durability test	BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.21	NA	See note III
Leg forward static load test	BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.15	PASS	--
Leg sideways static load test	BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.16	PASS	--
Seat impact test	BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.24	PASS	--
Back impact test	BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.25	PASS	--
Arm impact test	BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.26	PASS	--
Drop test (multiple seating)	BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.27.1	NA	See note III
Auxiliary writing surface static load test	BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.14	NA	See note III
Auxiliary writing surface durability test	BS EN 16139: 2013 Clause 4.5 / EN 1728: 2012 Clause 6.22	NA	See note III
Information for use	BS EN 16139: 2013 Clause 7	NC (Not provided)	See Note IV

COMMENTS:

Note I No defect was observed prior to testing.

Note II Detail results of EN 1022:2005/ BS EN 1022:2005:

EN 1022:2005/ BS EN 1022:2005 (Experimental method)			
Clause	Description	Result	*Comments
6.2	Forwards overbalancing, all seating	PASS	--
6.3	Forwards overturning for seating with footrest	NA	See note III
6.4	Sideways overbalancing, all seating without arms	NA	See note III
6.5	Sideways overbalancing, all seating with arms	PASS	--
6.6	Rearwards overbalancing, all seating with backs	PASS	--
7.3	Tilting chairs	NA	See note III
7.4	Rocking chairs	NA	See note III
7.5	Reclining chairs with footrest	NA	See note III
7.6	Footrest test	NA	See note III
7.7	Reclining chairs without footrest	NA	See note III

Note III NA = Not applicable.

Note IV NC = Not conducted.

