



**BUREAU  
VERITAS**



CONSUMER PRODUCTS SERVICES DIVISION

**MACLAREN (HK) LTD**

**Technical Report: (5208)288-1136(A)(Revision)**

November 19, 2008

Supplement to Technical Report No.: (5208)288-1136(A)

Date Received: October 15, 2008

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CHIU HIN LEUNG  
MACLAREN (HK) LTD  
UNIT 3401 & 16, 34 TH FLOOR, CHINA MERCHANTS  
TOWER  
SHUN TAK CENTRE  
168-200 CONNAUGHT ROAD CENTRAL  
HONG KONG

**(\*) Sample Description:**  
**MACLAREN VOLO**  
1.) SCARLET  
2.) FLAME ORANGE  
3.) SUNFLOWER YELLOW  
4.) OCEAN BLUE  
5.) BLACK

Vendor: N/A  
Manufacturer: N/A  
Sample Size: 10  
(\* ) Style No(s): **WOX01012,  
WOX01022,  
WOX01032,  
WOX01042, WOX01072**

Buyer: N/A  
Labeled Age Grade: NOT PRESENT  
Appropriate Age Grade: NOT REQUESTED  
Client Specified Age Grade: 6 MONTHS  
SKN/SKU No.: N/A  
PO No.: N/A  
Ref #: N/A  
Country of Origin: FOR STYLE 1 & 2,  
MADE IN CHINA; FOR  
OTHERS: N/A

Tested Age Grade: CHILDREN PRODUCTS, OVER 6 MONTHS OF AGE  
Assortment No.: N/A

UPC Code: 5010902162756, 5010902162763  
Test Starting Date: OCTOBER 15, 2008  
Test Finished Date: NOVEMBER 14, 2008

**EXECUTIVE SUMMARY:**

The style# 1-2 sample(s) MEET the following requirement(s):

- The safety requirements and test methods of BS EN 1888:2003 and its amendments A1:2005, A2:2005 and A3:2005, "Child care articles – Wheeled child conveyances – Safety requirements and test methods".

BUREAU VERITAS HONG KONG LIMITED

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KL/da

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Hong Kong Accreditation Service (HKAS) has accredited this laboratory under the Hong Kong Laboratory Accreditation Scheme (HOKLAS) for specific laboratory activities as listed in the HOKLAS Directory of Accredited Laboratories. The results shown in this report were determined by this laboratory in accordance with its terms of accreditation.

**RESULTS:**

**APPROPRIATE AGE GRADE DETERMINATION**

The Appropriate Age Grade is determined with reference to the EN71 : Part 1 : 2005, CR 14379:2002 "Classification of toys-Guidelines" prepared by Technical Committee CEN TC 52 and Age Grade Determination Guidelines of the Consumer Product Safety Commission (CPSC).

Note : If the client does not specify an age grade for testing or request Bureau Veritas Consumer Products Services, Inc. to determine an appropriate age grade, the labeled age grade will be used for testing.

(For style# 1)

**Child care articles – wheeled child conveyances – Safety requirements and test methods  
(BS EN 1888: 2003 and its amendments A1:2005, A2:2005 and A3:2005)**

Clauses	Content	Results
5	Materials	
5.1	Chemical properties (EN 71 Part 3:1994)	M
5.2	Flammability	M
5.3	Shrinkage	M
6	Construction	M
6.1	General requirements	M
6.1.1	Shear and compression point	M
6.1.2	Entrapment	M
6.1.3	Edges, points and corners	M
6.1.4	Small parts	M
6.1.5	Attachment of mechanical parts	M
6.1.6	Cords, strings and other narrow fabrics	NA
6.1.7	Pram body or seat unit internal lining	M
6.1.8	Attachment of textile parts with child retention purpose	NA
6.2	Dimensions	M
6.2.1	Minimum internal height of the pram body	NA
6.2.2	Angle and height of seat unit backrest	M
6.2.3	Suitability of vehicle for age of child	M
6.3	Pram body and seat unit attachment to chassis	NA
6.3.1	Efficiency and strength	NA
6.3.2	Installation of the pram body or seat unit on the chassis	NA
6.3.3	Inadvertent release of the pram body or seat unit	NA
7	Stability test	M
7.2.2.2	Stability of prams (for one child)	NA
7.2.2.3	Stability of pushchairs (for one child)	M
7.2.2.4	Stability of vehicles for more than one child	NA
7.2.2.5	Stability of vehicles on a kerb	M
7.2.2.6	Stability of pushchairs fitted with a platform	NA
8	Pushchairs with rotation seat unit	NA
9	Handle	M
10	Parking device and Braking Devices	M
11	Lock device for the folding mechanism	M
12	Longitudinal stability of a pram body with carrying handle	NA



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**RESULTS:**

**Child care articles – wheeled child conveyances – Safety requirements and test methods  
(BS EN 1888: 2003 and its amendments A1:2005, A2:2005 and A3:2005)**

Clauses	Content	Results
13	Carrying handles and handle anchorage points of pram bodies and detachable seat unit	NA
14	Strength and durability of attachment devices for pram bodies or seat units	NA
15	Restraint system and fasteners	M
15.1.1	Restraint system	M
15.1.2	Harness anchorage points	M
16	Wheel Strength	M
17	Irregular surface test	M
18	Dynamic strength	M
19	Durability of marking	M
20	Plastic packaging	M
21	Product information	M

*M = Meet NM = Not Meet N/A = Not Applicable NT = Not Test  
R = Refer to Comment Section*

**RESULTS:**

(for style# 2)

**Child care articles – wheeled child conveyances – Safety requirements and test methods  
(BS EN 1888: 2003 and its amendments A1:2005, A2:2005 and A3:2005)**

Clauses	Content	Results
5	Materials	
5.1	Chemical properties (EN 71 Part 3:1994)	M
5.2	Flammability	M
5.3	Shrinkage	M
6	Construction	M
6.1	General requirements	M
6.1.1	Shear and compression point	M
6.1.2	Entrapment	M
6.1.3	Edges, points and corners	M
6.1.4	Small parts	M
6.1.5	Attachment of mechanical parts	M
6.1.6	Cords, strings and other narrow fabrics	NA
6.1.7	Pram body or seat unit internal lining	M
6.1.8	Attachment of textile parts with child retention purpose	NA
6.2	Dimensions	M
6.2.1	Minimum internal height of the pram body	NA
6.2.2	Angle and height of seat unit backrest	M
6.2.3	Suitability of vehicle for age of child	M
6.3	Pram body and seat unit attachment to chassis	NA
6.3.1	Efficiency and strength	NA
6.3.2	Installation of the pram body or seat unit on the chassis	NA
6.3.3	Inadvertent release of the pram body or seat unit	NA
7	Stability test	M
7.2.2.2	Stability of prams (for one child)	NA
7.2.2.3	Stability of pushchairs (for one child)	M
7.2.2.4	Stability of vehicles for more than one child	NA
7.2.2.5	Stability of vehicles on a kerb	M
7.2.2.6	Stability of pushchairs fitted with a platform	NA
8	Pushchairs with rotation seat unit	NA
9	Handle	M
10	Parking device and Braking Devices	M
11	Lock device for the folding mechanism	M
12	Longitudinal stability of a pram body with carrying handle	NA
13	Carrying handles and handle anchorage points of pram bodies and detachable seat unit	NA
14	Strength and durability of attachment devices for pram bodies or seat units	NA
15	Restraint system and fasteners	M
15.1.1	Restraint system	M
15.1.2	Harness anchorage points	M
16	Wheel Strength	M
17	Irregular surface test	M
18	Dynamic strength	M