



**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

Page 1 of 6

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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Europe Nursery Products Department

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 |



MACLAREN (HK) LTD
Technical Report: **(5208)288-1136(A)(Revision)**
November 19, 2008
Page 3 of 6

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 |



MACLAREN (HK) LTD
Technical Report: **(5208)288-1136(A)(Revision)**
November 19, 2008
Page 5 of 6

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 |
|---------|-----------------------|---------|
| 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:



END OF REPORT