



TEST REPORT

NUMBER: SZHH00432554

APPLICANT: WHAM -O, INC.

DATE: Oct 30, 2009

SAMPLE DESCRIPTION:

ONE (1) PIECE OF SUBMITTED SAMPLE SAID TO BE :

ITEM NAME : PRO CLASSIC FRISBEE WITH 6 ASSORTED STYLE.

ITEM NO. : 81110.

SUPPLIER : TAICHENG.

VENDOR : WHAM-O INC.

BUYER : WAL-MART.

COUNTRY OF ORIGIN : CHINA.



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TESTS CONDUCTED:

AS REQUESTED BY THE APPLICANT, FOR DETAILS REFER TO ATTACHED PAGE(S)

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TO BE CONTINUED

AUTHORIZED BY:  
FOR INTERTEK TESTING SERVICES  
SHENZHEN LTD.



KARBON M.Y. WU  
GENERAL MANAGER



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CONCLUSION:

<u>TESTED SAMPLES</u>	<u>STANDARD - U.S. ASTM F963-08</u>	<u>RESULT</u>
<u>SUBMITTED SAMPLE</u>	<u>PHYSICAL AND MECHANICAL TESTS</u>	<u>PASS</u>

FLAMMABILITY TEST OF MATERIALS OTHER THAN TEXTILE MATERIALS	PASS
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TESTED COMPONENTS OF SUBMITTED SAMPLE	TOXIC ELEMENTS TEST	PASS
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<u>TESTED SAMPLES</u>	<u>STANDARD</u>	<u>RESULT</u>
<u>TESTED COMPONENTS OF SUBMITTED SAMPLE</u>	<u>U.S. CODE OF FEDERAL REGULATIONS TITLE 16 CFR 1303 FOR TOTAL LEAD CONTENT IN SURFACE COATING</u>	<u>PASS</u>

U.S. CONSUMER PRODUCT SAFETY IMPROVEMENT ACT 2008 (H.R. 4040) TITLE I, SECTION 101 FOR TOTAL LEAD CONTENT IN SURFACE COATING	PASS
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U.S. CONSUMER PRODUCT SAFETY IMPROVEMENT ACT 2008 (H.R. 4040) TITLE I, SECTION 101 FOR TOTAL LEAD CONTENT IN NON-SURFACE COATING MATERIALS (SUBSTRATE)	PASS
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US CONSUMER PRODUCT SAFETY IMPROVEMENT ACT 2008 (H.R.4040)TITLE I, SEC 108 REQUIREMENT ON PHTHALATE	PASS
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TESTS CONDUCTED

1 CPSIA H.R.4040 NORMAL AND REASONABLY FORESEEABLE USE AND ABUSE

WITH REFERENCE TO 16 CFR PART 1500.87.

AGE GRADING FOR TESTING : OVER 6 YEARS.

ASSESSMENT : THERE IS NO INTERNAL COMPONENT IN THE SUBMITTED SAMPLE.

DATE SAMPLE RECEIVED : OCT 14, 2009

TESTING PERIOD : OCT 14, 2009 TO OCT 14, 2009

2 PHYSICAL AND MECHANICAL TESTS

AS PER ASTM STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY F963-08.

APPLICANT'S SPECIFIED AGE GROUP FOR TESTING : OVER 6 YEARS.

THE SUBMITTED SAMPLES WERE UNDERGONE THE USE AND ABUSE TESTS IN ACCORDANCE WITH THE FEDERAL HAZARDOUS SUBSTANCES ACT (FHSA), TITLE 16, CODE OF FEDERAL REGULATIONS : -

<u>TEST</u>	<u>FHSA</u>	<u>PARAMETER</u>
IMPACT TEST	SECTION 1500.53 (b)	4 X 3.0 ft
TORQUE TEST	SECTION 1500.53 (e)	4 in-lbf
TENSION TEST	SECTION 1500.53 (f)	15 lbf
COMPRESSION TEST	SECTION 1500.53 (g)	30 lbf

<u>SECTION</u>	<u>TESTING ITEMS</u>	<u>ASSESSMENT</u>
4.1	MATERIAL QUALITY (VISUAL CHECK ON CLEANLINESS)	P
4.5	SOUND-PRODUCING TOYS	NA
4.6.1	TOYS INTENDED FOR CHILDREN UNDER 36 MONTHS (SMALL OBJECTS)	NA
4.6.2	MOUTH-ACTUATED TOYS	NA
4.6.3	TOYS AND GAMES FOR 36 MONTHS TO 72 MONTHS (SMALL PART WARNING)	NA
4.7	ACCESSIBLE EDGES	P
4.8	PROJECTIONS	NA
4.9	ACCESSIBLE POINTS	P
4.10	WIRES OR RODS	NA
4.11	NAILS AND FASTENERS	NA
4.12	PACKAGING FILM	NA
4.13	FOLDING MECHANISMS AND HINGES	NA
4.14	CORDS AND ELASTICS	NA
4.15	STABILITY AND OVER-LOAD REQUIREMENTS	NA
4.16	CONFINED SPACES	NA
4.17	WHEELS, TIRES AND AXLES	NA
4.18	HOLES, CLEARANCE, AND ACCESSIBILITY OF MECHANISMS	NA
4.19	SIMULATED PROTECTIVE DEVICES, SUCH AS HELMETS, HATS AND GOGGLES	NA
4.20	PACIFIERS	NA
4.21	PROJECTILE TOYS	NA



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TESTS CONDUCTED

<u>SECTION</u>	<u>TESTING ITEMS</u>	<u>ASSESSMENT</u>
4.22	TEETHERS AND TEETHING TOYS	NA
4.23	RATTLES	NA
4.24	SQUEEZE TOYS	NA
4.25	BATTERY-OPERATED TOYS	NA
4.26	TOYS INTENDED TO BE ATTACHED TO A CRIB OR PLAYPEN	NA
4.27	STUFFED AND BEANBAG-TYPE TOYS	NA
4.28	STROLLER AND CARRIAGE TOYS	NA
4.29	ART MATERIALS	NA
4.30	TOY GUN MARKING	NA
4.31	BALLOONS	NA
4.32	CERTAIN TOYS WITH SPHERICAL ENDS	NA
4.33	MARBLES	NA
4.34	BALLS	NA
4.35	POMPOMS	NA
4.36	HEMISPHERIC-SHAPED OBJECTS	NA
4.37	YOYO ELASTIC TETHER TOYS	NA
4.38	MAGNETS	NA
4.39	JAW ENTRAPMENT IN HANDLES AND STEERING WHEELS	NA
5	LABELLING REQUIREMENT	P
6	INSTRUCTIONAL LITERATURE	P
7	PRODUCER'S MARKINGS	
	- NAME OF PRODUCER/DISTRIBUTOR (TOY & PACKAGE)	YES
	- ADDRESS (PACKAGE)	YES

REMARK : THE SUBMITTED SAMPLES WERE UNDERGONE THE TESTS IN ACCORDANCE WITH SECTION 8.5 THROUGH SECTION 8.18 AND 8.20 THROUGH 8.25 ON NORMAL USE, ABUSE AND SPECIFIC TESTS FOR DIFFERENT TYPES OF TOYS WHICHEVER IS APPLICABLE.

P = PASS NA = NOT APPLICABLE

DATE SAMPLE RECEIVED : OCT 26, 2009  
TESTING PERIOD : OCT 26, 2009 TO OCT 28, 2009

3 FLAMMABILITY TEST

AS PER SECTION 4.2 OF THE ASTM STANDARD CONSUMER SAFETY SPECIFICATION ON TOY SAFETY F963-08.

RESULT : IGNITED BUT SELF-EXTINGUISHED BEFORE BURN RATE COULD BE DETERMINED

DATE SAMPLE RECEIVED : OCT 26, 2009  
TESTING PERIOD : OCT 26, 2009 TO OCT 28, 2009

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**TEST REPORT**

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TESTS CONDUCTED

4 TOXIC ELEMENTS ANALYSIS (TOTAL LEAD CONTENT)

AS PER SECTION 4.3.5.1 OF THE ASTM STANDARD CONSUMER SAFETY SPECIFICATION ON TOY SAFETY F963-08. ACID DIGESTION METHOD WAS USED AND TOTAL LEAD CONTENT WAS DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

<u>TESTED COMPONENT</u>	<u>RESULT IN ppm</u>	<u>LIMIT (ppm)</u>
(1/2)	<20	90
(3/4)	<20	90
(5/6)	<20	90

ppm = PARTS PER MILLION  
< = LESS THAN

TESTED COMPONENTS :

- (1) BLACK COATING ON PLASTIC (MILKY YELLOW FRISBEE).
- (2) BLUE COATING ON PLASTIC (YELLOW FRISBEE).
- (3) YELLOW COATING ON PLASTIC (YELLOW PATTERN OF BLUE FRISBEE).
- (4) WHITE COATING ON PLASTIC (WHITE PATTERN OF BLUE FRISBEE).
- (5) BRIGHT FUCHSIA COATING ON PLASTIC (GREEN FRISBEE).
- (6) BRIGHT SILVER COLOR COATING ON PLASTIC (WHITE FRISBEE).

REMARK : SINCE THE SAMPLE WEIGHT OF COATINGS OF THE TESTED COMPONENTS WERE LESS THAN 10mg, SOLUBLE HEAVY METALS CONTENT ANALYSIS WERE NOT APPLICABLE.

DATE SAMPLE RECEIVED : OCT 26, 2009  
TESTING PERIOD : OCT 26, 2009 TO OCT 27, 2009

5 TOTAL LEAD (Pb) CONTENT IN SURFACE COATING

AS PER U.S. CODE OF FEDERAL REGULATIONS TITLE 16 CFR 1303 AND U.S. CONSUMER PRODUCT SAFETY IMPROVEMENT ACT 2008 (H.R. 4040), TITLE I, SECTION 101 FOR CHILDREN'S PRODUCTS CONTAINING LEAD, ACID DIGESTION METHOD WAS USED AND TOTAL LEAD CONTENT WAS DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

<u>TESTED COMPONENT</u>	<u>RESULT IN ppm</u>	<u>LIMIT IN ppm</u>
(1/2)	<20	90
(3/4)	<20	90
(5/6)	<20	90

REMARK :  
ppm = PARTS PER MILLION  
< = LESS THAN

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TESTED COMPONENTS :

- (1) BLACK COATING ON PLASTIC (MILKY YELLOW FRISBEE) .
- (2) BLUE COATING ON PLASTIC (YELLOW FRISBEE) .
- (3) YELLOW COATING ON PLASTIC (YELLOW PATTERN OF BLUE FRISBEE) .
- (4) WHITE COATING ON PLASTIC (WHITE PATTERN OF BLUE FRISBEE) .
- (5) BRIGHT FUCHSIA COATING ON PLASTIC (GREEN FRISBEE) .
- (6) BRIGHT SILVER COLOR COATING ON PLASTIC (WHITE FRISBEE) .

DATE SAMPLE RECEIVED : OCT 26, 2009  
 TESTING PERIOD : OCT 26, 2009 TO OCT 27, 2009

6 TOTAL LEAD (Pb) CONTENT IN NON-SURFACE COATING MATERIALS (SUBSTRATE)

AS PER U.S. CONSUMER PRODUCT SAFETY IMPROVEMENT ACT 2008 (H.R. 4040), TITLE I, SECTION 101 FOR CHILDREN'S PRODUCTS CONTAINING LEAD, ACID DIGESTION METHOD WAS USED AND TOTAL LEAD CONTENT WAS DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

<u>TESTED COMPONENT</u>	<u>RESULT IN ppm</u>	<u>LIMIT IN ppm</u>
(1/2/3)	<20	300
(4/5)	<20	300

AS OF AUGUST 14, 2011, THE LIMIT FOR TOTAL LEAD CONTENT WILL BE LOWERED TO 100ppm UNLESS THE CPSC DETERMINES THAT A LIMIT OF 100 ppm IS NOT TECHNOLOGICALLY FEASIBLE FOR A PRODUCT OR PRODUCT CATEGORY.

REMARK:  
 ppm = PARTS PER MILLION  
 < = LESS THAN

TESTED COMPONENTS:

- (1) MILKY YELLOW PLASTIC (MILKY YELLOW FRISBEE) .
- (2) YELLOW PLASTIC (YELLOW FRISBEE) .
- (3) BLUE PLASTIC (BLUE FRISBEE) .
- (4) GREEN PLASTIC (GREEN FRISBEE) .
- (5) WHITE PLASTIC (WHITE FRISBEE) .

DATE SAMPLE RECEIVED : OCT 26, 2009  
 TESTING PERIOD : OCT 26, 2009 TO OCT 27, 2009

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NUMBER: SZHH00432554

TESTS CONDUCTED

7 PHthalate Content Test

WITH REFERENCE TO ASTM D3421, BY GAS CHROMATOGRAPHIC-MASS SPECTROMETRIC (GC-MS) ANALYSIS.

	RESULT (% , w/w)		LIMIT (% , w/w)
	(1/2/3)	(4/5)	(MAX.)
DIBUTYL PHTHALATE (DBP)	<0.01	<0.01	0.1
DIETHYL HEXYL PHTHALATE (DEHP)	<0.01	<0.01	0.1
BENZYL BUTYL PHTHALATE (BBP)	<0.01	<0.01	0.1

	RESULT (% , w/w)		LIMIT (% , w/w)
	(1/2/3)	(4/5)	(MAX.)
DI-ISO-NONYL PHTHALATE (DINP)	<0.01	<0.01	0.1
DI-N-OCTYL PHTHALATE (DNOP)	<0.01	<0.01	0.1
DI-ISO-DECYL PHTHALATE (DIDP)	<0.01	<0.01	0.1

THE ABOVE LIMIT WAS QUOTED ACCORDING TO US CONSUMER PRODUCT SAFETY IMPROVEMENT ACT 2008 (H.R.4040) FOR PROHIBITION ON SALE OF CERTAIN PRODUCTS CONTAINING SPECIFIED PHTHALATES.

DETECTION LIMIT = 0.01% (w/w)  
< = LESS THAN

REMARK : AS REQUESTED BY THE APPLICANT, PHTHALATE TEST WAS CONDUCTED ONLY ON SPECIFIED COMPONENTS LISTED IN THIS REPORT. OTHER COMPONENTS WERE NOT TESTED. HOWEVER, ACCORDING TO CPSIA FAQ, THE PROHIBITION OF PHTHALATE CONTENT UNDER CPSIA APPLIES TO ALL PARTS OF A PRODUCT.

TESTED COMPONENTS :

- (1) MILKY YELLOW PLASTIC WITH BLACK COATING (MILKY YELLOW FRISBEE).
- (2) YELLOW PLASTIC WITH BLUE COATING (YELLOW FRISBEE).
- (3) BLUE PLASTIC WITH COATINGS (YELLOW, WHITE) (BLUE FRISBEE).
- (4) GREEN PLASTIC WITH BRIGHT FUCHSIA COATING (GREEN FRISBEE).
- (5) WHITE PLASTIC WITH BRIGHT SILVER COLOR COATING (WHITE FRISBEE).

DATE SAMPLE RECEIVED : OCT 14, 2009 & OCT 26, 2009  
TESTING PERIOD : OCT 14, 2009 TO OCT 16, 2009 & OCT 26, 2009 TO OCT 27, 2009

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END OF REPORT