



TEST REPORT

NUMBER: SZHH00452477

APPLICANT: WHAM -O, INC.

DATE: Jan 14, 2010

SAMPLE DESCRIPTION:

TEN (10) PIECES OF SUBMITTED SAMPLE SAID TO BE :

ITEM NAME : #51123 TWILIGHT BLAST FRISBEE DISC 6PK;  
#51005 FRISBEE 130G DYN O GLOW.

ITEM NO. : #51123 & 51005.

LABELLED AGE GROUP : #51123: 10+.  
#51005: 5+.

MANUFACTURER : TAI CHENG.

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>
SUBMITTED SAMPLES	PHYSICAL AND MECHANICAL TESTS	PASS

FLAMMABILITY TEST OF MATERIALS OTHER THAN TEXTILE MATERIALS	PASS
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TESTED COMPONENTS OF SUBMITTED SAMPLES	TOXIC ELEMENTS TEST	PASS
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<u>TESTED SAMPLES</u>	<u>STANDARD - U.S. CFR TITLE 16</u>	<u>RESULT</u>
SUBMITTED SAMPLES	(CPSC REGULATIONS) MECHANICAL AND PHYSICAL TESTS	PASS

PART 1500.3(c)(6)(vi) FLAMMABILITY TEST ON RIGID AND PLIABLE SOLIDS	PASS
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TESTED COMPONENTS OF SUBMITTED SAMPLES	PART 1303 TOTAL LEAD CONTENT	PASS
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KARBON M.Y. WU  
GENERAL MANAGER

TESTS CONDUCTED

1 PHYSICAL AND MECHANICAL TESTS

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

APPLICANT'S SPECIFIED AGE GROUP FOR TESTING : OVER 5 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	P
4.12	PACKAGING FILM	P
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
4.22	TEETHERS AND TEETHING TOYS	NA
4.23	RATTLES	NA
4.24	SQUEEZE TOYS	NA
4.25	BATTERY-OPERATED TOYS	P
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



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<u>SECTION</u>	<u>TESTING ITEMS</u>	<u>ASSESSMENT</u>
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 (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 : JAN 05, 2010 & JAN 12, 2010  
TESTING PERIOD : JAN 05, 2010 TO JAN 13, 2010

2 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 : JAN 05, 2010  
TESTING PERIOD : JAN 05, 2010 TO JAN 13, 2010

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TESTS CONDUCTED

3 TOXIC ELEMENTS ANALYSIS

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)	<10	90
(2)	<10	90

ppm = PARTS PER MILLION  
< = LESS THAN

TESTED COMPONENTS :

- (1) FUCHSIA COATING ON PLASTIC (PATTERN OF #51005 FRISBEE 130G DYN O GLOW).
- (2) SILVER COLOR HEAT TRANSFER COATING (PATTERN OF #51123 TWILIGHT BLAST FRISBEE DISC 6 PK).

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

DATE SAMPLE RECEIVED : JAN 05, 2010  
TESTING PERIOD : JAN 05, 2010 TO JAN 07, 2010

4 PHYSICAL AND MECHANICAL TEST

AS PER U.S. CODE OF FEDERAL REGULATIONS TITLE 16 PART 1500.50, THE HAZARDS OF SHARP POINTS, SHARP EDGE AND SMALL PARTS ARE ASSESSED BOTH BEFORE AND AFTER APPLICABLE USE AND ABUSE TESTS.

APPLICANT'S SPECIFIED AGE GROUP FOR TESTING : OVER 5 YEARS.

	<u>NO. OF SAMPLE TESTED</u>	<u>SHARP POINT</u> (1500.48)	<u>SHARP EDGE</u> (1500.49)	<u>SMALL PART</u> (1501)
AS RECEIVED	1	P	P	NA
IMPACT (1500.53(b))	1	P	P	NA
FLEXURE (1500.53(d))	0	NA	NA	NA
TORQUE (1500.53(e))	1	P	P	NA
TENSION (1500.53(f))	1	P	P	NA
COMPRESSION (1500.53(g))	1	P	P	NA

REMARK : P = PASS  
NA = NOT APPLICABLE

DATE SAMPLE RECEIVED : JAN 05, 2010 & JAN 12, 2010  
TESTING PERIOD : JAN 05, 2010 TO JAN 13, 2010

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TESTS CONDUCTED

5 FLAMMABILITY TEST

AS PER U.S. CODE OF FEDERAL REGULATIONS TITLE 16 PART 1500.44 FOR RIGID AND PLIABLE SOLIDS.

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

DATE SAMPLE RECEIVED : JAN 05, 2010  
TESTING PERIOD : JAN 05, 2010 TO JAN 13, 2010

6 TOTAL LEAD (Pb) CONTENT

AS PER U.S. CODE OF FEDERAL REGULATIONS TITLE 16 PART 1303, ACID DIGESTION METHOD WAS USED AND TOTAL LEAD CONTENT WAS DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

<u>TESTED COMPONENT</u>	<u>RESULT IN %</u>	<u>LIMIT(%)</u>
(1)	<0.001	0.009
(2)	<0.001	0.009

REMARK :  
< = LESS THAN

TESTED COMPONENTS :

- (1) FUCHSIA COATING ON PLASTIC (PATTERN OF #51005 FRISBEE 130G DYN O GLOW).
- (2) SILVER COLOR HEAT TRANSFER COATING (PATTERN OF #51123 TWILIGHT BLAST FRISBEE DISC 6 PK).

DATE SAMPLE RECEIVED : JAN 05, 2010  
TESTING PERIOD : JAN 05, 2010 TO JAN 13, 2010

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END OF REPORT