



**TEST REPORT**

NUMBER: SZHH00447265

APPLICANT: WHAM -O, INC.

DATE: Dec 21, 2009

**SAMPLE DESCRIPTION:**

SIX (6) SETS OF SUBMITTED SAMPLE SAID TO BE :

ITEM NAME : **FRISBEE FREESTYLE SPORT DISC 160G WITH TWO SYTTLES.**

ITEM NO. : **81101.**

LABELLED AGE GROUP : NOT SPECIFIED.

PACKAGING PROVIDED BY : YES.

APPLICANT

MANUFACTURER : HUA SHENG.

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 SAMPLE SETS	PHYSICAL AND MECHANICAL TESTS	PASS

FLAMMABILITY TEST OF MATERIALS OTHER THAN TEXTILE MATERIALS	PASS
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TESTED COMPONENTS OF SUBMITTED SAMPLE SETS	TOXIC ELEMENTS TEST	PASS
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<u>TESTED SAMPLES</u>	<u>STANDARD - U.S. CFR TITLE 16</u>	<u>RESULT</u>
SUBMITTED SAMPLE SETS	(CPSC REGULATIONS) MECHANICAL AND PHYSICAL TESTS	NOT APPLICABLE

PART 1500.3(c)(6)(vi) FLAMMABILITY TEST ON RIGID AND PLIABLE SOLIDS	PASS
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TESTED COMPONENTS OF SUBMITTED SAMPLE SETS	PART 1303 TOTAL LEAD CONTENT	PASS
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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 12 YEARS.

<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	NA
4.8	PROJECTIONS	NA
4.9	ACCESSIBLE POINTS	NA
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
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



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<u>SECTION</u>	<u>TESTING ITEMS</u>	<u>ASSESSMENT</u>
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 : DEC 15, 2009  
TESTING PERIOD : DEC 15, 2009 TO DEC 18, 2009

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

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TESTS CONDUCTED

3 TOXIC ELEMENTS ANALYSIS

AS PER SECTION 4.3.5 OF THE ASTM STANDARD CONSUMER SAFETY SPECIFICATION ON TOY SAFETY F963-08, ACID DIGESTION AND EXTRACTION METHODS WERE USED AND TOXIC ELEMENTS CONTENT WERE DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

	<u>RESULT IN ppm</u>		<u>LIMIT</u>
	<u>(1)</u>	<u>(2)</u>	<u>ppm</u>
TOTAL LEAD (Pb)	<10	12	90
SOL. BARIUM (Ba)	265	<5	1000
SOL. LEAD (Pb)	<5	<5	90
SOL. CADMIUM (Cd)	<5	<5	75
SOL. ANTIMONY (Sb)	<5	<5	60
SOL. SELENIUM (Se)	<5	<5	500
SOL. CHROMIUM (Cr)	<5	<5	60
SOL. MERCURY (Hg)	<5	<5	60
SOL. ARSENIC (As)	<2.5	<2.5	25

SOL. = SOLUBLE  
< = LESS THAN  
ppm = PARTS PER MILLION

TESTED COMPONENTS :

- (1) YELLOW COATING ON PLASTIC (PATTERN OF RED FRISBEE FREESTYLE SPORT DISC).
- (2) RED COATING ON PLASTIC (PATTERN OF YELLOW FRISBEE FREESTYLE SPORT DISC).

DATE SAMPLE RECEIVED : DEC 15, 2009  
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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.

RESULT : LESS THAN 10 ppm

LIMIT : 90 ppm

ppm = PARTS PER MILLION

TESTED COMPONENT :

SILVER COLOR HOT STAMPING COATING (PATTERN OF BOTH STYLES).

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

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TESTS CONDUCTED

5 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 12 YEARS.

REMARK : THE PHYSICAL AND MECHANICAL TESTS REQUIREMENTS OF U.S. CONSUMER PRODUCTS SAFETY COMMISSION FOR TOYS AND ARTICLES INTENDED FOR USE BY THE CHILDREN SPECIFIED IN U.S. CODE OF FEDERAL REGULATIONS TITLE 16, PART 1500.48, 1500.49 AND 1501 ARE ONLY FOR CHILDREN UNDER 8 YEARS OF AGE, THEREFORE THE SUBMITTED SAMPLE WAS FOUND NOT APPLICABLE.

DATE SAMPLE RECEIVED : DEC 15, 2009  
TESTING PERIOD : DEC 15, 2009 TO DEC 18, 2009

6 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

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TESTS CONDUCTED

7 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
(3)	0.001	0.009

TESTED COMPONENTS :

- (1) YELLOW COATING ON PLASTIC (PATTERN OF RED FRISBEE FREESTYLE SPORT DISC) .
- (2) SILVER COLOR HOT STAMPING COATING (PATTERN OF BOTH STYLES) .
- (3) RED COATING ON PLASTIC (PATTERN OF YELLOW FRISBEE FREESTYLE SPORT DISC) .

DATE SAMPLE RECEIVED : DEC 15, 2009  
TESTING PERIOD : DEC 15, 2009 TO DEC 19, 2009

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END OF REPORT