



TEST REPORT

NUMBER: SZHH00418223

APPLICANT: WHAM -O, INC.

DATE: Aug 31, 2009

SAMPLE DESCRIPTION:

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

ITEM NAME : **MINI FRISBFE TRAPPER.**

ITEM NO. : **51091.**

LABELLED AGE GROUP : 5+.

PACKAGING PROVIDED BY : YES.

APPLICANT

MANUFACTURER : TAI CHENG.

COUNTRY OF ORIGIN : CHINA.



TESTS CONDUCTED:

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

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 SAMPLES</u>	<u>PHYSICAL AND MECHANICAL TESTS</u>	<u>PASS</u>

FLAMMABILITY TEST OF MATERIALS OTHER THAN TEXTILE MATERIALS	PASS
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TESTED COMPONENT 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>
<u>SUBMITTED SAMPLES</u>	<u>(CPSC REGULATIONS)</u>	<u>PASS</u>
	<u>MECHANICAL AND PHYSICAL TESTS</u>	

PART 1500.3(c)(6)(vi) FLAMMABILITY TEST ON RIGID AND PLIABLE SOLIDS	PASS
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TESTED COMPONENT OF SUBMITTED SAMPLES	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 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 1500.53b)	4 X 3.0 ft
TORQUE TEST	SECTION 1500.53e)	4 in-lbf
TENSION TEST	SECTION 1500.53f)	15 lbf
COMPRESSION TEST	SECTION 1500.53g)	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	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	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



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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 ¹	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 : AUG 25, 2009
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TESTS CONDUCTED

2 FLAMMABILITY TEST

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

<u>SAMPLE</u>	<u>IGNITION POINT</u>	<u>BURN LENGTH (INCH)</u>	<u>TIME (SEC)</u>	<u>BURN RATE (INCH/SEC)</u>	<u>LIMIT (INCH/SEC)</u>
BASE	EDGE	2.0	60	0.03	0.10

THE SUBMITTED TOY SAMPLES AND THER ACCESSORIES WERE TESTED, THE ABOVE RESULT ONLY SHOWED THE MOST SEVERE BURN RATE OF THE SAMPLES.

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

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

TESTED COMPONENT : SILVER COLOR VACUUM PLATED COATING (ALL PLATES).

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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 YERS

	<u>NO. OF SAMPLE TESTED</u>	<u>SHARP POINT (1500.48)</u>	<u>SHARP EDGE (1500.49)</u>	<u>SMALL PART (1501)</u>
AS RECEIVED	4	P	P	NA
IMPACT (1500.53 (b))	1	P	P	NA
FLEXURE (1500.53 (d))	0	NA	NA	NA
TORQUE (1500.53 (e))	2	P	P	NA
TENSION (1500.53 (f))	2	P	P	NA
COMPRESSION (1500.53 (g))	1	P	P	NA

REMARK : P = PASS
NA = NOT APPLICABLE

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5 FLAMMABILITY TEST

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

<u>SAMPLE</u>	<u>IGNITION POINT</u>		<u>BURN LENGTH</u>	<u>TIME</u>	<u>BURN RATE</u>	<u>LIMIT</u>
	BASE	EDGE	(INCH)	(SEC)	(INCH/SEC)	(INCH/SEC)
			2.0	60	0.03	0.10

THE TOY SAMPLE AND THEIR ACCESSORIES WERE TESTED, THE ABOVE RESULT ONLY SHOWED THE MOST SEVERE BURN RATE.

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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.

RESULT : LESS THAN 0.001 %

LIMIT : 0.009 %

TESTED COMPONENT : SILVER COLOR VACUUM PLATED COATING (ALL PLATES) .

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TESTING PERIOD : AUG 25, 2009 TO AUG 27, 2009

END OF REPORT