



**TEST REPORT**

NUMBER: SZHH00362707

APPLICANT: On file

DATE: Mar 10, 2009

SAMPLE DESCRIPTION:

TWELVE (12) SETS OF SUBMITTED SAMPLE SAID TO BE :

ITEM NAME : **MEGA SCREEN SOLITAIRE.**

ITEM NO. : **CS3010/77803.**

LABELLED AGE GROUP : AGES 13 AND UP.

PACKAGING PROVIDED BY : YES.

APPLICANT

VENDOR : GOODWOOD ELECTRONICS (DONGGUAN) CO., LTD.

BUYER : RECZONE.

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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CONCLUSION:

TESTED SAMPLES	STANDARD - U.S. ASTM F963-07 <sup>1</sup>	RESULT
SUBMITTED SAMPLE SETS	PHYSICAL AND MECHANICAL TESTS	PASS
	FLAMMABILITY TEST OF MATERIALS OTHER <sup>e</sup>	PASS
	<u>THAN TEXTILE MATERIALS</u>	<u>PASS</u>
TESTED COMPONENTS OF	TOXIC ELEMENTS TEST	PASS
SUBMITTED SAMPLE SETS		

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AUTHORIZED BY:  
 FOR INTERTEK TESTING SERVICES  
 SHENZHEN LTD.

BEN N.L. LIN  
 GENERAL MANAGER

## TESTS CONDUCTED

1 PHYSICAL AND MECHANICAL TESTS

AS PER ASTM STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY F963-07<sup>E1</sup>.  
APPLICANT'S SPECIFIED AGE GROUP FOR TESTING : OVER 13 YEARS.

<u>SECTION</u>	<u>TESTING ITEMS</u>	<u>ASSESSMENT</u>
4.1	MATERIAL QUALITY (VISUAL CHECK ON CLEANINGLESS)	P
4.5	SOUND-PRODUCING TOYS	P
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	P
4.26	TOYS INTENDED TO BE ATTACHED TO A CRIB OR PLAYPEN	NA
4.27	TOY CHESTS	NA
4.28	STUFFED AND BEANBAG-TYPE TOYS	NA
4.29	STROLLER AND CARRIAGE TOYS	NA
4.30	ART MATERIALS	NA
4.31	TOY GUN MARKING	NA
4.32	BALLOONS	NA
4.33	CERTAIN TOYS WITH SPHERICAL ENDS	NA
4.34	MARBLES	NA
4.35	BALLS	NA
4.36	POMPOMS	NA
4.37	HEMISPHERIC-SHAPED OBJECTS	NA
4.38	YOYO ELASTIC TETHER TOYS	NA
4.39	MAGNETS	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 (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

NOTE : CLAUSE 4.5 ACOUSTICS - WITH MODIFICATION BY USING SOUND LEVEL METER COMPLYING WITH THE SPECIFICATIONS OF IEC60651 AND IEC60804

DATE SAMPLE RECEIVED : MAR 02, 2009 & MAR 09, 2009  
TESTING PERIOD : MAR 02, 2009 TO MAR 09, 2009

2 FLAMMABILITY TEST

AS PER SECTION 4.2 OF THE ASTM STANDARD CONSUMER SAFETY SPECIFICATION ON TOY SAFETY F963-07<sup>E1</sup>.

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

DATE SAMPLE RECEIVED : MAR 02, 2009 & MAR 09, 2009  
TESTING PERIOD : MAR 02, 2009 TO MAR 09, 2009

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3 TOXIC ELEMENTS ANALYSIS

AS PER SECTION 4.3.5 OF THE ASTM STANDARD CONSUMER SAFETY SPECIFICATION ON TOY SAFETY F963-07<sup>e1</sup>. ACID EXTRACTION METHOD WAS USED AND TOXIC ELEMENTS MIGRATION CONTENT WERE DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

	<u>RESULT IN ppm</u>	<u>LIMIT</u> ppm
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 COATING ON PLASTIC (BODY OF MEGA SCREEN SOLITAIRE).

DATE SAMPLE RECEIVED : MAR 02, 2009  
TESTING PERIOD : MAR 02, 2009 TO MAR 04, 2009

4 TOTAL LEAD (Pb) CONTENT

AS PER SECTION 4.3.5 OF THE ASTM STANDARD CONSUMER SAFETY SPECIFICATION ON TOY SAFETY F963-07<sup>e1</sup>. ACID DIGESTION METHOD WAS USED AND TOTAL LEAD CONTENT WAS DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

RESULT : LESS THAN 10 ppm

LIMIT : 600 ppm

ppm = PARTS PER MILLION

TESTED COMPONENTS :

COATINGS (SILVER COLOR, BLACK, WHITE) ON PLASTIC (LOGO ON BODY, BODY OF MEGA SCREEN SOLITAIRE).

DATE SAMPLE RECEIVED : MAR 02, 2009  
TESTING PERIOD : MAR 02, 2009 TO MAR 04, 2009

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END OF REPORT