



TEST REPORT

NUMBER: SHAH00324698

APPLICANT: CLOUD B SHANGHAI REP. OFFICE
ROOM 201, UNIT B, NO.2250 SOUTH PUDONG,
SHANGHAI CHINA
ATTN: TRACY SHI

DATE: JUL 13, 2012

SAMPLE DESCRIPTION:

THREE (3) STYLES OF SUBMITTED SAMPLE SAID TO BE :

ITEM NAME	:	(1) TWILIGHT SEA TURTLE - CONSTELLATION NIGHTLIGHT. (2) TWILIGHT TURTLE - CONSTELLATION NIGHTLIGHT. (3) TWILIGHT LADYBUG - CONSTELLATION NIGHTLIGHT.
ITEM NO.	:	(1) 7333-ZZ. (2) 7323-ZZ. (3) 7353-ZZ.
QUANTITY	:	12 PCS OF EACH STYLE.
LABELLED AGE GROUP	:	AGES 3 & UP+.
PACKAGING PROVIDED BY APPLICANT	:	YES.
VENDOR	:	HONGKONG JY INDUSTRIAL COMPANY LIMITED.
GOODS EXPORTED TO	:	EUROPE, U.S.A., CANADA, AUSTRALIA.
COUNTRY OF ORIGIN	:	CHINA.

TESTS CONDUCTED:

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

CONCLUSION:

<u>TESTED SAMPLES</u>	<u>STANDARD</u>	<u>RESULT</u>
SUBMITTED SAMPLES	U.S. ASTM F963-11 - PHYSICAL AND MECHANICAL TESTS	PASS
	U.S. ASTM F963-11 - FLAMMABILITY TEST OF MATERIALS OTHER THAN TEXTILE MATERIALS	PASS
TESTED COMPONENTS OF SUBMITTED SAMPLE	U.S. ASTM F963-11 FOR TOTAL LEAD CONTENT TEST	PASS
	U.S. ASTM F963-11 FOR SOLUBLE ELEMENTS TEST IN SURFACE COATING	PASS
	U.S. ASTM F963-11 FOR SOLUBLE ELEMENTS TEST (SUBSTRATE)	PASS

TO BE CONTINUED

AUTHORIZED BY:
FOR INTERTEK TESTING SERVICES
LTD., SHANGHAI

JACOB LIN
GENERAL MANAGER



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<u>TESTED SAMPLES</u>	<u>STANDARD</u>	<u>RESULT</u>
TESTED COMPONENTS OF SUBMITTED SAMPLE	U.S. ASTM F963-11 - SECTION 4.3.7 ON STUFFING MATERIALS - FIBRE/LOOSE FILLER FOR STUFFED TOYS	PASS
	U.S. CODE OF FEDERAL REGULATIONS TITLE 16 CFR 1303 FOR TOTAL LEAD CONTENT IN SURFACE COATING	PASS
	U.S. CONSUMER PRODUCT SAFETY IMPROVEMENT ACT 2008 TITLE I, SECTION 101 FOR TOTAL LEAD CONTENT IN SURFACE COATING	PASS
	U.S. CONSUMER PRODUCT SAFETY IMPROVEMENT ACT 2008 TITLE I, SECTION 101 FOR TOTAL LEAD CONTENT IN NON-SURFACE COATING MATERIALS (SUBSTRATE)	PASS
COMPOSITE TESTED COMPONENTS AND TESTED COMPONENTS OF SUBMITTED SAMPLE	US CONSUMER PRODUCT SAFETY IMPROVEMENT ACT 2008 TITLE I, SEC 108 REQUIREMENT ON PHTHALATES	PASS
TESTED COMPONENTS OF SUBMITTED SAMPLE	CANADA CONSUMER PRODUCT SAFETY ACT TOYS REGULATION SOR/2011-17 SECTION 23 FOR TOXIC ELEMENTS TEST	PASS
SUBMITTED SAMPLE	CANADA CONSUMER PRODUCT SAFETY ACT TOYS REGULATIONS SOR/2011-17 FOR MECHANICAL AND PHYSICAL TEST	PASS

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<u>TESTED SAMPLES</u>	<u>STANDARD</u>	<u>RESULT</u>
TESTED COMPONENTS OF SUBMITTED SAMPLE	CANADA CONSUMER PRODUCT SAFETY ACT TOYS REGULATIONS SOR/2011-17 SECTION 32 FOR FLAMMABILITY TEST	PASS
SUBMITTED SAMPLES	EN71-1: 2011 FOR MECHANICAL AND PHYSICAL PROPERTIES	PASS
	EN71 PART 2 : 2011 FLAMMABILITY TEST	PASS
TESTED COMPONENTS OF SUBMITTED SAMPLE	EN71 PART 3 : 1994 AND AMENDMENT A1 : 2000 AND AC : 2002	PASS
SUBMITTED SAMPLES	EN62115: 2005+A2: 2011 SAFETY OF ELECTRIC TOY	PASS (SUBJECTED TO REMARK)
TESTED COMPONENTS OF SUBMITTED SAMPLE	CADMIUM CONTENT REQUIREMENT IN COMMISSION REGULATION (EU) NO. 494/2011 OF 20 MAY 2011 AMENDING ANNEX XVII ITEMS 23 OF THE REACH REGULATION (EC) NO. 1907/2006	PASS
COMPOSITE TESTED COMPONENTS AND TESTED COMPONENTS OF SUBMITTED SAMPLE	PHthalates CONTENT REQUIREMENT IN ANNEX XVII ITEMS 51 & 52 OF THE REACH REGULATION (EC) NO. 1907/2006 & AMENDMENT NO.552/2009	PASS
	AZOCOLOURANTS CONTENT REQUIREMENT IN ANNEX XVII ITEM 43 OF THE REACH REGULATION (EC) NO. 1907/2006 & AMENDMENT NO.552/2009	PASS

TO BE CONTINUED

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GENERAL MANAGER

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TESTS CONDUCTED

1 PHYSICAL AND MECHANICAL TESTS

AS PER ASTM STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY F963-11.

APPLICANT'S SPECIFIED AGE GROUP FOR TESTING : FOR ALL AGES

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 1500.51(b)	10 X 4.5 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 CLEANINGLESS)	P
4.3.7	STUFFING MATERIAL (VISUAL CHECK ON CONTAMINATIONS)	P
4.5	SOUND-PRODUCING TOYS	NA
4.6.1	TOYS INTENDED FOR CHILDREN UNDER 36 MONTHS (SMALL OBJECTS)	P
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	PLASTIC FILM	NA
4.13	FOLDING MECHANISMS AND HINGES	NA
4.14	CORDS, STRAPS, 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	P
4.28	STROLLER AND CARRIAGE TOYS	NA
4.29	ART MATERIALS	NA



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<u>SECTION</u>	<u>TESTING ITEMS</u>	<u>ASSESSMENT</u>
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	YO YO 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: JUN.20, 2012

TESTING PERIOD: JUN.20, 2012 TO JUN.26, 2012

2 FLAMMABILITY TEST

AS PER SECTION 4.2 OF THE ASTM STANDARD CONSUMER SAFETY SPECIFICATION ON TOY SAFETY F963-11.

<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>
GREEN TURTLE	FOOT	2	60	0.03	0.10

ALL STYLES OF THE SUBMITTED TOY SAMPLES WERE TESTED, THE ABOVE RESULT ONLY SHOWED THE MOST SEVERE BURN RATE OF THE SAMPLES.

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TESTS CONDUCTED

3 TOTAL LEAD (Pb) CONTENT

AS PER SECTION 4.3.5 OF THE ASTM STANDARD CONSUMER SAFETY SPECIFICATION ON TOY SAFETY F963-11, TEST METHOD CPSC-CH-E1001-08.1, CPSC-CH-E1002-08.1 OR/AND CPSC-CH-E1003-09.1 WAS/WERE USED AND TOTAL LEAD CONTENT WAS DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

(I) SURFACE COATING

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

(II) NON-SURFACE COATING

<u>TESTED COMPONENT</u>	<u>RESULT IN ppm</u>	<u>LIMIT (ppm)</u>
(7)	<10	100
(8)	<10	100
(9)	<10	100
(10)	<10	100
(11)	<10	100
(12)	<10	100
(13)	26	100
(14)	<10	100
(15)	<10	100
(16)	<10	100
(17)	<10	100

ppm = PARTS PER MILLION = mg/kg
< = LESS THAN

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TESTS CONDUCTED

TESTED COMPONENTS:

- (1) FOUR-COLORED PRINTED COATING ON PLASTIC. (DESIGN ON BACK)
- (2) BLACK COATING ON PLASTIC. (BACK)
- (3) SLATE BLUE COATING ON PLASTIC. (BACK)
- (4) MAROON COATING ON PLASTIC. (BACK)
- (5) TAN COATING ON PLASTIC. (BACK)
- (6) CRIMSON COATING ON PLASTIC. (BACK)
- (7) OFF WHITE PLASTIC EXCLUDING COATINGS. (BACK)
- (8) BLACK PLASTIC. (BATTERIES BOX)
- (9) BLACK PLASTIC. (SWITCH)
- (10) SLATE BLUE PLASTIC. (BUTTON ON BACK)
- (11) BROWN PLASTIC. (BUTTON ON BACK)
- (12) CRIMSON PLASTIC. (BUTTON ON BACK)
- (13) WHITE SATIN WOVEN FABRIC WITH BLACK PRINTING. (SEWN-IN LABEL)
- (14) TRANSPARENT PLASTIC FILM WITH UNDERLAY MULTI-COLOR COATINGS. (INSTRUCTION)
- (15) 2mm GREEN MELANGE PLUSH FABRIC. (BODY)
- (16) 2mm OLIVE GREEN MELANGE PLUSH FABRIC. (BODY)
- (17) SILVER COLOR METAL. (SCREW)

DATE SAMPLE RECEIVED: JUN.20, 2012
TESTING PERIOD: JUN.20, 2012 TO JUN.26, 2012

4 SOLUBLE ELEMENTS ANALYSIS IN SURFACE COATING

AS PER SECTION 4.3.5.1(2) OF THE ASTM STANDARD CONSUMER SAFETY SPECIFICATION ON TOY SAFETY F963-11, ACID EXTRACTION METHOD WAS USED AND HEAVY ELEMENTS MIGRATION CONTENT WERE DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

	RESULT IN ppm						LIMIT ppm
	(1)	(2)	(3)	(4)	(5)	(6)	
SOL. BARIUM (Ba)	7	<5	<5	<5	<5	<5	1000
SOL. LEAD (Pb)	<5	<5	<5	<5	<5	<5	90
SOL. CADMIUM (Cd)	<5	<5	<5	<5	<5	<5	75
SOL. ANTIMONY (Sb)	<5	<5	<5	<5	<5	<5	60
SOL. SELENIUM (Se)	<5	<5	<5	<5	<5	<5	500
SOL. CHROMIUM (Cr)	<5	<5	<5	<5	<5	<5	60
SOL. MERCURY (Hg)	<5	<5	<5	<5	<5	<5	60
SOL. ARSENIC (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

SOL. = SOLUBLE
< = LESS THAN
ppm = PARTS PER MILLION = mg/kg
SPL. WT. = SAMPLE WEIGHT

TO BE CONTINUED



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TESTS CONDUCTED

TESTED COMPONENTS:

- (1) FOUR-COLORED PRINTED COATING ON PLASTIC. (DESIGN ON BACK) (SPL. WT. = 16mg)
- (2) BLACK COATING ON PLASTIC. (BACK) (SPL. WT. = 43mg)
- (3) SLATE BLUE COATING ON PLASTIC. (BACK) (SPL. WT. = 87mg)
- (4) MAROON COATING ON PLASTIC. (BACK) (SPL. WT. = 50mg)
- (5) TAN COATING ON PLASTIC. (BACK) (SPL. WT. = 79mg)
- (6) CRIMSON COATING ON PLASTIC. (BACK) (SPL. WT. = 68mg)

DATE SAMPLE RECEIVED: JUN.20, 2012

TESTING PERIOD: JUN.20, 2012 TO JUN.26, 2012

5 SOLUBLE ELEMENTS ANALYSIS IN NON-SURFACE COATING MATERIALS

AS PER SECTION 4.3.5.2(2)(B) OF THE ASTM STANDARD CONSUMER SAFETY SPECIFICATION ON TOY SAFETY F963-11, ACID EXTRACTION METHOD WAS USED AND HEAVY ELEMENTS MIGRATION CONTENT WERE DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

	RESULT IN ppm										LIMIT
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	ppm
SOL. BARIUM (Ba)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1000
SOL. LEAD (Pb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	90
SOL. CADMIUM (Cd)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	75
SOL. ANTIMONY (Sb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
SOL. SELENIUM (Se)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	500
SOL. CHROMIUM (Cr)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
SOL. MERCURY (Hg)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
SOL. ARSENIC (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

SOL. = SOLUBLE

< = LESS THAN

ppm = PARTS PER MILLION = mg/kg

TESTED COMPONENTS:

- (1) OFF WHITE PLASTIC EXCLUDING COATINGS. (BACK)
- (2) BLACK PLASTIC. (BATTERIES BOX)
- (3) BLACK PLASTIC. (SWITCH)
- (4) SLATE BLUE PLASTIC. (BUTTON ON BACK)
- (5) BROWN PLASTIC. (BUTTON ON BACK)
- (6) CRIMSON PLASTIC. (BUTTON ON BACK)
- (7) WHITE SATIN WOVEN FABRIC WITH BLACK PRINTING.(SEWN-IN LABEL)
- (8) TRANSPARENT PLASTIC FILM WITH UNDERLAY MULTI-COLOR COATINGS. (INSTRUCTION)
- (9) 2mm GREEN MELANGE PLUSH FABRIC. (BODY)
- (10) 2mm OLIVE GREEN MELANGE PLUSH FABRIC. (BODY)

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TESTS CONDUCTED

6 STUFFING MATERIALS TEST

AS PER A.O.A.C. OFFICIAL METHODS OF ANALYSIS, 15TH ED CHAPTER 16, AND U.S. PENNSYLVANIA
REGULATION FOR STUFFED TOYS TITLE 34, CHAPTER 47, SECTION 47.317.

RESULT OF FIBRE FILLER:

	<u>RESULT</u>	<u>REQUIREMENT</u>
1. MATERIALS THAT INDICATE PRIOR USE OF A PREVIOUS MANUFACTURING PROCESS	ABSENT	ABSENT
2. DIRT AND FOREIGN MATTER	<0.1% (w/w)	<1.0% (w/w)
3. OIL AND GREASE	<0.1% (w/w)	1.0% (w/w) MAX.
4. LEAD (Pb) CONTENT	6.9 ppm	<20 ppm
5. ARSENIC (As ₂ O ₃) CONTENT	<1.0 ppm	<2 ppm
6. AMMONIA (NH ₃) CONTENT	<0.1% (w/w)	<5.0% (w/w)
7. UREA CONTENT	<0.1% (w/w)	<1.0% (w/w)
8. PLASTIC OR METAL ORNAMENTS	COMPLIED	OF SAFETY DESIGN & PREVENT REMOVAL
9. STONES OR OTHER MATERIALS HAVING JAGGED OR SHARP EDGES	ABSENT	ABSENT
10. ELECTROSTATIC CHARGE	COMPLIED	NOT BEARING ELECTROSTATIC CHARGE WITH ADHERENCE CHARACTERISTICS WHICH WHEN EXPOSED COULD LODGE IN THE WINDPIPE
11. RATE OF SURFACE BURNING		BURN RATE – MORE THAN 3s FOR 12 in ²

REMARK: ppm = PARTS PER MILLION = mg/kg
< = LESS THAN

TESTED COMPONENT: WHITE FIBRE. (STUFFING)

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TESTS CONDUCTED

7 TOTAL LEAD (Pb) CONTENT IN SURFACE COATING

AS PER STANDARD OPERATING PROCEDURE FOR DETERMINING LEAD (Pb) IN PAINT AND OTHER SIMILAR SURFACE COATINGS (APRIL 26, 2009), TEST METHOD CPSC-CH-E1003-09 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)	<20	90
(2)	<20	90
(3)	<20	90
(4)	<20	90
(5)	<20	90
(6)	<20	90

ppm = PARTS PER MILLION = mg/kg
< = LESS THAN

TESTED COMPONENTS :

- (1) FOUR-COLORED PRINTED COATING ON PLASTIC. (DESIGN ON BACK)
- (2) BLACK COATING ON PLASTIC. (BACK)
- (3) SLATE BLUE COATING ON PLASTIC. (BACK)
- (4) MAROON COATING ON PLASTIC. (BACK)
- (5) TAN COATING ON PLASTIC. (BACK)
- (6) CRIMSON COATING ON PLASTIC. (BACK)

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

(SUBSTRATE)

AS PER STANDARD OPERATING PROCEDURES FOR DETERMINING TOTAL LEAD (Pb) IN CHILDREN'S PRODUCTS, TEST METHODS CPSC-CH-E1002-08.1 AND CPSC-CH-E1001-08.1 WERE 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)	<10	100
(2)	<10	100
(3)	<10	100
(4)	<10	100
(5)	<10	100
(6)	<10	100
(7)	<10	100
(8)	<10	100
(9)	<10	100
(10)	<10	100
(11)	26	100

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ppm = PARTS PER MILLION = mg/kg
< = LESS THAN

TESTED COMPONENTS:

- (1) 2mm GREEN MELANGE PLUSH FABRIC. (BODY)
- (2) 2mm OLIVE GREEN MELANGE PLUSH FABRIC. (BODY)
- (3) TRANSPARENT PLASTIC FILM WITH UNDERLAY MULTI-COLOR COATINGS. (INSTRUCTION)
- (4) OFF WHITE PLASTIC EXCLUDING COATINGS. (BACK)
- (5) BLACK PLASTIC. (BATTERIES BOX)
- (6) BLACK PLASTIC. (SWITCH)
- (7) SLATE BLUE PLASTIC. (BUTTON ON BACK)
- (8) BROWN PLASTIC. (BUTTON ON BACK)
- (9) CRIMSON PLASTIC. (BUTTON ON BACK)
- (10) SILVER COLOR METAL. (SCREW)
- (11) WHITE SATIN WOVEN FABRIC WITH BLACK PRINTING.(SEWN-IN LABEL)

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9 PHthalate CONTENT TEST

WITH REFERENCE TO CPSC-CH-C1001-09.3, BY GAS CHROMATOGRAPHY-MASS SPECTROMETRY (GC-MS) ANALYSIS.

	<u>RESULT (% w/w)</u>						<u>LIMIT (% w/w)</u>
	(1)	(2)	(3)	(4)	(5,6&7)	(8,9&10)	(MAX.)
DIBUTYL PHTHALATE (DBP)	ND	ND	ND	ND	ND	ND	0.1
DI(2-ETHYL HEXYL) PHTHALATE (DEHP)	ND	ND	ND	ND	ND	ND	0.1
BENZYL BUTYL PHTHALATE (BBP)	ND	ND	ND	ND	ND	ND	0.1
DI-ISO-NONYL PHTHALATE (DINP)	ND	ND	ND	ND	ND	ND	0.1
DI-n-OCTYL PHTHALATE (DnOP)	ND	ND	ND	ND	ND	ND	0.1
DI-ISO-DECYL PHTHALATE (DIDP)	ND	ND	ND	ND	ND	ND	0.1

	<u>RESULT (% w/w)</u>					<u>LIMIT (% w/w)</u>
	(11,12&13)	(14,15&16)	(17&18)	(19)	(20)	(MAX.)
DIBUTYL PHTHALATE (DBP)	ND	ND	ND	ND	ND	0.1
DI(2-ETHYL HEXYL) PHTHALATE (DEHP)	ND	ND	ND	ND	ND	0.1
BENZYL BUTYL PHTHALATE (BBP)	ND	ND	ND	ND	ND	0.1
DI-ISO-NONYL PHTHALATE (DINP)	ND	ND	ND	ND	ND	0.1
DI-n-OCTYL PHTHALATE (DnOP)	ND	ND	ND	ND	ND	0.1
DI-ISO-DECYL PHTHALATE (DIDP)	ND	ND	ND	ND	ND	0.1

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REMARK: THE ABOVE LIMIT WAS QUOTED ACCORDING TO US CONSUMER
PRODUCT SAFETY IMPROVEMENT ACT 2008 FOR PROHIBITION ON SALE OF CERTAIN PRODUCTS
CONTAINING SPECIFIED PHTHALATES.

DETECTION LIMIT = 0.01% (w/w)
ND = NOT DETECTED

TESTED COMPONENTS:

- (1) FOUR-COLORED PRINTED COATING ON PLASTIC. (DESIGN ON BACK)
- (2) BLACK/SLATE BLUE/CRIMSON COATINGS ON PLASTIC. (BACK)
- (3) MAROON/TAN COATINGS ON PLASTIC. (BACK)
- (4) WHITE PAPER CARD WITH TRANSPARENT PLASTIC FILM AND MULTI-COLOR COATINGS.
(INSTRUCTION COVER)
- (5) OFF WHITE PLASTIC EXCLUDING COATINGS. (BACK)
- (6) BLACK PLASTIC. (BATTERIES BOX)
- (7) BLACK PLASTIC. (SWITCH)
- (8) SLATE BLUE PLASTIC. (BUTTON ON BACK)
- (9) BROWN PLASTIC. (BUTTON ON BACK)
- (10) CRIMSON PLASTIC. (BUTTON ON BACK)
- (11) 2mm GREEN MELANGE PLUSH FABRIC WITH BLACK THREAD. (BODY)
- (12) OLIVE BRUSHED KNITTED FABRIC. (LINING)
- (13) 2mm OLIVE GREEN MELANGE PLUSH FABRIC. (BODY)
- (14) BLACK NON-WOVEN FABRIC. (EYES)
- (15) FOREST GREEN BRUSHED KNITTED FABRIC. (LINING)
- (16) 2mm GREY PLUSH FABRIC WITH BROWN/WHITE THREAD. (BODY)
- (17) 2mm BLACK PLUSH FABRIC. (ON BODY)
- (18) GREY BRUSHED KNITTED FABRIC. (LINING)
- (19) BEIGE/SKY BLUE/LIGHT TAN WOVEN FABRIC. (SEWN-IN LABEL)
- (20) WHITE SATIN WOVEN FABRIC WITH BLACK PRINTING.(SEWN-IN LABEL)

DATE SAMPLE RECEIVED: JUN.20, 2012

TESTING PERIOD: JUN.20, 2012 TO JUN.28, 2012

TO BE CONTINUED



TEST REPORT

NUMBER: SHAH00324698

TESTS CONDUCTED

10 TOTAL LEAD (Pb) CONTENT

WITH REFERENCE TO US EPA METHOD 3050B, ACID DIGESTION METHOD WAS USED AND TOTAL LEAD CONTENT WAS DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

<u>TESTED COMPONENTS</u>	<u>RESULT IN %</u>	<u>LIMIT IN %</u>
(1)	<0.002	0.009
(2)	<0.002	0.009
(3)	<0.002	0.009
(4)	<0.002	0.009
(5)	<0.002	0.009
(6)	<0.002	0.009
(7)	<0.001	0.001
(8)	<0.001	0.001
(9)	<0.001	0.001
(10)	<0.001	0.001
(11)	<0.001	0.001
(12)	<0.001	0.001
(13)	0.003	0.001

THE ABOVE LIMIT WAS QUOTED FROM THE CONSENT JUDGEMENT NO. BG350969 & RG356892 SETTLED BY SUPERIOR COURT OF THE STATE OF CALIFORNIA FOR THE COUNTY OF ALAMEDA, FOR TOYS BASED ON THE CALIFORNIA PROPOSITION 65.

REMARK :

< = LESS THAN

TESTED COMPONENTS :

- (1) FOUR-COLORED PRINTED COATING ON PLASTIC. (DESIGN ON BACK)
- (2) BLACK COATING ON PLASTIC. (BACK)
- (3) SLATE BLUE COATING ON PLASTIC. (BACK)
- (4) MAROON COATING ON PLASTIC. (BACK)
- (5) TAN COATING ON PLASTIC. (BACK)
- (6) CRIMSON COATING ON PLASTIC. (BACK)
- (7) 2mm GREEN MELANGE PLUSH FABRIC. (BODY)
- (8) 2mm OLIVE GREEN MELANGE PLUSH FABRIC. (BODY)
- (9) TRANSPARENT PLASTIC FILM WITH UNDERLAY MULTI-COLOR COATINGS. (INSTRUCTION)
- (10) OFF WHITE PLASTIC EXCLUDING COATINGS. (BACK)
- (11) BLACK PLASTIC. (BATTERIES BOX)
- (12) BLACK PLASTIC. (SWITCH)
- (13) SLATE BLUE PLASTIC. (BUTTON ON BACK)
- (14) BROWN PLASTIC. (BUTTON ON BACK)
- (15) CRIMSON PLASTIC. (BUTTON ON BACK)
- (16) SILVER COLOR METAL. (SCREW)
- (17) WHITE SATIN WOVEN FABRIC WITH BLACK PRINTING.(SEWN-IN LABEL)

DATE SAMPLE RECEIVED: JUN.20, 2012

TESTING PERIOD: JUN.20, 2012 TO JUN.26, 2012

TO BE CONTINUED



TEST REPORT

NUMBER: SHAH00324698

TESTS CONDUCTED

11 PHTHALATE CONTENT TEST

BY SOLVENT EXTRACTION AND GAS CHROMATOGRAPHY-MASS SPECTROMETRY (GC-MS) ANALYSIS.

	<u>RESULT</u>						<u>LIMIT (%. (w/w))</u>
	(1)	(2)	(3)	(4)	(5,6&7)	(8,9&10)	<u>(MAX.)</u>
DI (2-ETHYL HEXYL) PHTHALATE (DEHP)	ND	ND	ND	ND	ND	ND	0.1
BENZYL BUTYL PHTHALATE (BBP)	ND	ND	ND	ND	ND	ND	0.1
DIBUTYL PHTHALATE (DBP)	ND	ND	ND	ND	ND	ND	0.1
DI-ISO-DECYL PHTHALATE (DIDP)	ND	ND	ND	ND	ND	ND	0.1
DI-n-HEXYL PHTHALATE (DnHP)	ND	ND	ND	ND	ND	ND	0.1

	<u>RESULT</u>					<u>LIMIT (%. (w/w))</u>
	(11,12&13)	(14,15&16)	(17&18)	(19)	(20)	<u>(MAX.)</u>
DI (2-ETHYL HEXYL) PHTHALATE (DEHP)	ND	ND	ND	ND	ND	0.1
BENZYL BUTYL PHTHALATE (BBP)	ND	ND	ND	ND	ND	0.1
DIBUTYL PHTHALATE (DBP)	ND	ND	ND	ND	ND	0.1
DI-ISO-DECYL PHTHALATE (DIDP)	ND	ND	ND	ND	ND	0.1
DI-n-HEXYL PHTHALATE (DnHP)	ND	ND	ND	ND	ND	0.1

REMARK: THE ABOVE LIMIT WAS QUOTED FROM THE CONSENT JUDGEMENT NO. BG07350969 SETTLED BY SUPERIOR COURT OF THE STATE OF CALIFORNIA FOR THE COUNTY OF ALAMEDA, FOR TOY BASED ON THE CALIFORNIA PROPOSITION 65.

DETECTION LIMIT = 0.01% (w/w)
ND = NOT DETECTED

TO BE CONTINUED



TEST REPORT

NUMBER: SHAH00324698

TESTS CONDUCTED

TESTED COMPONENTS:

- (1) FOUR-COLORED PRINTED COATING ON PLASTIC. (DESIGN ON BACK)
- (2) BLACK/SLATE BLUE/CRIMSON COATINGS ON PLASTIC. (BACK)
- (3) MAROON/TAN COATINGS ON PLASTIC. (BACK)
- (4) WHITE PAPER CARD WITH TRANSPARENT PLASTIC FILM AND MULTI-COLOR COATINGS. (INSTRUCTION COVER)
- (5) OFF WHITE PLASTIC EXCLUDING COATINGS. (BACK)
- (6) BLACK PLASTIC. (BATTERIES BOX)
- (7) BLACK PLASTIC. (SWITCH)
- (8) SLATE BLUE PLASTIC. (BUTTON ON BACK)
- (9) BROWN PLASTIC. (BUTTON ON BACK)
- (10) CRIMSON PLASTIC. (BUTTON ON BACK)
- (11) 2mm GREEN MELANGE PLUSH FABRIC WITH BLACK THREAD. (BODY)
- (12) OLIVE BRUSHED KNITTED FABRIC. (LINING)
- (13) 2mm OLIVE GREEN MELANGE PLUSH FABRIC. (BODY)
- (14) BLACK NON-WOVEN FABRIC. (EYES)
- (15) FOREST GREEN BRUSHED KNITTED FABRIC. (LINING)
- (16) 2mm GREY PLUSH FABRIC WITH BROWN/WHITE THREAD. (BODY)
- (17) 2mm BLACK PLUSH FABRIC. (ON BODY)
- (18) GREY BRUSHED KNITTED FABRIC. (LINING)
- (19) BEIGE/SKY BLUE/LIGHT TAN WOVEN FABRIC. (SEWN-IN LABEL)
- (20) WHITE SATIN WOVEN FABRIC WITH BLACK PRINTING.(SEWN-IN LABEL)

DATE SAMPLE RECEIVED: JUN.20, 2012

TESTING PERIOD: JUN.20, 2012 TO JUN.28, 2012

12 TOXIC ELEMENTS ANALYSIS

AS PER CANADA CONSUMER PRODUCT SAFETY ACT TOYS REGULATION SOR/2011-17 SECTION 23, BY ACID DIGESTION AND EXTRACTION METHODS WERE USED AND TOXIC ELEMENTS CONTENT WERE DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

	<u>RESULT IN mg/kg</u>						<u>LIMIT(mg/kg)</u>
	(1)	(2)	(3)	(4)	(5)	(6)	
TOT. LEAD (Pb)	<10	<10	<10	<10	<10	<10	90
TOT. MERCURY (Hg)	ND(<0.078)	ND(<0.078)	ND(<0.078)	ND(<0.078)	ND(<0.078)	ND(<0.078)	ND
SOL. CADMIUM (Cd)	<10	<10	<10	<10	<10	<10	1000
SOL. ANTIMONY (Sb)	<10	<10	<10	<10	<10	<10	1000
SOL. SELENIUM (Se)	<10	<10	<10	<10	<10	<10	1000
SOL. ARSENIC (As)	<10	<10	<10	<10	<10	<10	1000
SOL. BARIUM (Ba)	11	<10	<10	<10	<10	<10	1000

mg/kg = MILLIGRAM PER KILOGRAM BASED ON DRY WEIGHT OF SAMPLE

TOT. = TOTAL

SOL. = SOLUBLE

< = LESS THAN

ND = NOT DETECTED (<0.078 mg/kg)

TO BE CONTINUED

TEST REPORT

NUMBER: SHAH00324698

TESTS CONDUCTED

TESTED COMPONENTS :

- (1) FOUR-COLORED PRINTED COATING ON PLASTIC. (DESIGN ON BACK)
- (2) BLACK COATING ON PLASTIC. (BACK)
- (3) SLATE BLUE COATING ON PLASTIC. (BACK)
- (4) MAROON COATING ON PLASTIC. (BACK)
- (5) TAN COATING ON PLASTIC. (BACK)
- (6) CRIMSON COATING ON PLASTIC. (BACK)

DATE SAMPLE RECEIVED: JUN.20, 2012

TESTING PERIOD: JUN.20, 2012 TO JUN.26, 2012

13 PHYSICAL AND MECHANICAL TEST

AS PER CANADA CONSUMER PRODUCT SAFETY ACT TOYS REGULATIONS SOR/2011-17.

APPLICANT'S SPECIFIED AGE GROUP FOR TESTING: FOR ALL AGES

THE SUBMITTED SAMPLES WERE UNDERGONE THE USE AND ABUSE TESTS IN ACCORDANCE WITH THE CANADA CONSUMER PRODUCT SAFETY ACT TOYS REGULATIONS(SOR/2011-17):

<u>TEST</u>	<u>PARAMETER</u>
DROP TEST	4 X 4.5 FT
PULL TEST	10 LBF
PUSH TEST	10 LBF

<u>NO.</u>	<u>TESTING ITEMS</u>	<u>ASSESSMENT</u>
3	GENERAL - ENGLISH AND FRENCH BILINGUAL STATEMENT	NA
4	PACKAGING	NA
	(A) THE OPENING PERIMETER IS LESS THAN 14 INCHES	NA
	(B) THE OPENING PERIMETER IS MORE THAN 14 INCHES	NA
	<u>ELECTRICAL HAZARD</u>	
5	ELECTRICALLY OPERATED TOYS	NA
6	ELECTRICALLY HEATED TOYS	NA
	<u>MECHANICAL HAZARD</u>	
7	SMALL PARTS	P
8	METAL EDGES	P
9	WIRE FRAMES	NA
10	PLASTIC EDGES	P
11	WOODEN SURFACES, EDGES AND CORNERS	NA
12	GLASS	NA
13	FASTENERS	P
14	FOLDING MECHANISM, BRACKET OR BRACING	NA
15	SPRING-WOUND DRIVING MECHANISMS	NA
16	PROJECTILE COMPONENTS	NA
17	TOYS WHICH A CHILD CAN ENTER AND WHICH CAN BE CLOSED BY A LID OR DOOR	NA
18	STATIONARY TOY THAT IS INTENDED TO BEAR THE WEIGHT OF A CHILD	NA
	<u>AUDITORY HAZARDS</u>	
19	NOISE LIMIT	NA



TEST REPORT

NUMBER: SHAH00324698

TESTS CONDUCTED

<u>NO.</u>	<u>TESTING ITEMS</u>	<u>ASSESSMENT</u>
	<u>THERMAL AND FLAMMABILITY HAZARDS</u>	
20	HEATED SURFACES, PARTS OR SUBSTANCES	NA
21	CELLULOID OR CELLULOSE NITRATE	P##
	<u>DOLLS, PLUSH TOYS AND SOFT TOYS</u>	
28	FASTENINGS TO ATTACH PARTS, CLOTHING OR ORNAMENTATION	NA
29	STUFFING MATERIALS	
	(A) CLEAN AND FREE FROM VERMIN	P
	(B) FREE FROM HARD AND SHARP FOREIGN MATTER	P
30	SMALL PARTS -SQUEAKER, REED, VALVE OR OTHER SIMILAR DEVICE	NA
31	EYES AND NOSES	NA
	<u>PLANT SEEDS</u>	
35	PLANT SEEDS FOR MAKING NOISE	NA
36	PLANT SEEDS FOR STUFFING MATERIAL	P
37	PULL AND PUSH TOYS THAT HAS A SHAFT-LIKE HANDLE	NA
38	TOY STEAM ENGINES BOILERS	NA
40	RATTLE	NA
41	ELASTICS	NA
42	YO-YO TYPE BALLS	
	(A) STRETCHABLE CORDS	NA
	(B) SIMILAR PRODUCT	NA
43	BATTERIES	P

REMARK: P = PASS NA = NOT APPLICABLE

CELLULOSE NITRATE AND CELLULOID

AS PER CANADA CONSUMER PRODUCT SAFETY ACT TOYS REGULATION SOR 2011-17 SECTION 21.

	<u>ASSESSMENT</u>	<u>REQUIREMENT</u>
CELLULOSE NITRATE/CELLULOID	ABSENT	ABSENT

DATE SAMPLE RECEIVED: JUN.20, 2012
TESTING PERIOD: JUN.20, 2012 TO JUN.26, 2012

TO BE CONTINUED



TEST REPORT

NUMBER: SHAH00324698

TESTS CONDUCTED

14 FLAMMABILITY TEST

AS PER CANADA CONSUMER PRODUCT SAFETY ACT TOYS REGULATIONS SOR/2011-17 SECTION 32.

RESULT :

<u>TESTED COMPONENTS / TESTED SAMPLES</u>	<u>ORIGINAL (SECOND)</u>	<u>AFTER WASHING (SECOND)</u>	<u>REQUIREMENT (SECOND)</u>
GREY PLUSH	IBE	IBE	OVER 7
	IBE	IBE	
	IBE	IBE	
	IBE	IBE	
	IBE	IBE	
GREEN BRUSH	IBE	IBE	OVER 7
	IBE	IBE	
	IBE	IBE	
	IBE	IBE	
	IBE	IBE	
GREY PLUSH	IBE	IBE	OVER 7
	IBE	IBE	
	IBE	IBE	
	IBE	IBE	
	IBE	IBE	

REMARK: IBE = IGNITED BUT EXTINGUISHED BEFORE BURNING 5 INCHES LENGTH

DATE SAMPLE RECEIVED: JUN.20, 2012

TESTING PERIOD: JUN.20, 2012 TO JUN.26, 2012

15 MECHANICAL AND PHYSICAL TEST

AS PER EUROPEAN STANDARD ON SAFETY OF TOYS EN71-1: 2011.

APPLICANT'S SPECIFIED AGE GROUP FOR TESTING: FOR ALL AGES

<u>CLAUSE</u>	<u>TESTING ITEMS</u>	<u>ASSESSMENT</u>
4*	GENERAL REQUIREMENTS	P
5*	TOYS INTENDED FOR CHILDREN UNDER 36 MONTHS	P
6	PACKAGING	NA
7	WARNINGS, MARKINGS AND INSTRUCTIONS FOR USE	P#

REMARK: P = PASS NA = NOT APPLICABLE

TO BE CONTINUED

TEST REPORT

NUMBER: SHAH00324698

TESTS CONDUCTED

* = THE FOLLOWING SUBCLAUSES OF CLAUSE 4 AND 5 (NOTE) OF THE STANDARD WERE APPLICABLE : -

- 1) 4.1 MATERIAL CLEANLINESS
- 2) 4.7 EDGES
- 3) 4.8 POINTS AND METALLIC WIRES
- 4) 5.1 GENERAL REQUIREMENTS
- 5) 5.2 SOFT-FILLED TOYS AND SOFT-FILLED PARTS OF A TOY

NOTE: THE SUBMITTED SAMPLES WERE UNDERGONE THE ABUSE TESTS FOR CLAUSE 5.1 AND 5.2 IN ACCORDING TO 8.3 (TORQUE TEST), 8.4 (TENSION TEST), 8.5 (DROP TEST), 8.7 (IMPACT TEST), 8.8 (COMPRESSION TEST) AND SPECIFIC TESTS FOR DIFFERENT TYPES OF TOYS WHICHEVER APPLICABLE.

= ADDITIONAL INFORMATION ACCORDING TO THE TOY SAFETY DIRECTIVES 2009/48/EC REQUIREMENT. THESE INFORMATION ALSO APPEARS AS A NOTE WITHIN THE EN71 BUT ARE NOT STANDARD REQUIREMENTS:

MARKING

THE MANUFACTURER'S AND IMPORTER'S NAME, REGISTERED TRADE NAME OR REGISTERED TRADE MARK, THE ADDRESS AND TYPE, BATCH, SERIAL OR MODEL NUMBER OR OTHER ELEMENT ALLOWING THEIR IDENTIFICATION SHALL BE INDICATED ON THE PRODUCT ITSELF. IN ADDITION, TOYS SHALL ALSO BEAR THE CE-MARKING.
AFTER CHECKING, IT WAS FOUND THAT:
- ALL THE ABOVE MARKINGS WERE PRESENTED.

DATE SAMPLE RECEIVED: JUN.20, 2012
TESTING PERIOD: JUN.20, 2012 TO JUN.26, 2012

16 FLAMMABILITY TEST

AS PER EUROPEAN STANDARD ON SAFETY OF TOYS EN71-2: 2011

<u>CLAUSE</u>	<u>TESTING ITEMS</u>	<u>ASSESSMENT</u>
4.1	GENERAL	P
4.2	TOYS TO BE WORN ON THE HEAD	NA
4.3	TOY DISGUISE COSTUMES AND TOYS INTENDED TO BE WORN BY A CHILD IN PLAY	NA
4.4	TOYS INTENDED TO BE ENTERED BY A CHILD	NA
4.5	SOFT FILLED TOYS	P

REMARK: P = PASS NA = NOT APPLICABLE

DATE SAMPLE RECEIVED: JUN.20, 2012
TESTING PERIOD: JUN.20, 2012 TO JUN.26, 2012

TO BE CONTINUED

TEST REPORT

NUMBER: SHAH00324698

TESTS CONDUCTED

17 TOXIC ELEMENTS ANALYSIS

AS PER EUROPEAN STANDARD ON SAFETY OF TOYS EN71 PART 3 : 1994 AND AMENDMENT A1 : 2000 AND AC : 2002, ACID EXTRACTION METHOD WAS USED AND TOXIC ELEMENTS CONTENT WERE DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

	<u>RESULT IN mg/kg</u>													<u>LIMIT</u>
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	<u>mg/kg</u>
SOL. BARIUM (Ba)	16	13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1000
SOL. LEAD (Pb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	90
SOL. CADMIUM (Cd)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	75
SOL. ANTIMONY (Sb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
SOL. SELENIUM (Se)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	500
SOL. CHROMIUM (Cr)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
SOL. MERCURY (Hg)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
SOL. ARSENIC (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

	<u>RESULT IN mg/kg</u>													<u>LIMIT</u>
	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	<u>mg/kg</u>
SOL. BARIUM (Ba)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1000
SOL. LEAD (Pb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	90
SOL. CADMIUM (Cd)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	75
SOL. ANTIMONY (Sb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
SOL. SELENIUM (Se)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	500
SOL. CHROMIUM (Cr)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
SOL. MERCURY (Hg)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
SOL. ARSENIC (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

SOL. = SOLUBLE

< = LESS THAN

mg/kg = MILLIGRAM PER KILOGRAM

SPL. WT. = SAMPLE WEIGHT

TESTED COMPONENTS :

- (1) FOUR-COLORED PRINTED COATING ON PLASTIC. (DESIGN ON BACK) (SPL. WT. = 16mg)
- (2) BLACK COATING ON PLASTIC. (BACK) (SPL. WT. = 43mg)
- (3) SLATE BLUE COATING ON PLASTIC. (BACK) (SPL. WT. = 87mg)
- (4) CRIMSON COATING ON PLASTIC. (BACK) (SPL. WT. = 50mg)
- (5) MAROON COATING ON PLASTIC. (BACK) (SPL. WT. = 79mg)
- (6) TAN COATING ON PLASTIC. (BACK) (SPL. WT. = 68mg)
- (7) WHITE PAPER CARD WITH TRANSPARENT PLASTIC FILM AND MULTI-COLOR COATINGS. (INSTRUCTION COVER)
- (8) OFF WHITE PLASTIC EXCLUDING COATINGS. (BACK)
- (9) BLACK PLASTIC. (BATTERIES BOX)
- (10) BLACK PLASTIC. (SWITCH)
- (11) SLATE BLUE PLASTIC. (BUTTON ON BACK)
- (12) BROWN PLASTIC. (BUTTON ON BACK)
- (13) CRIMSON PLASTIC. (BUTTON ON BACK)
- (14) 2mm GREEN MELANGE PLUSH FABRIC. (BODY)

TO BE CONTINUED



TEST REPORT

NUMBER: SHAH00324698

TESTS CONDUCTED

- (15) BLACK THREAD. (MOUTH) (SPL. WT. = 43mg)
- (16) BROWN THREAD. (MOUTH) (SPL. WT. = 48mg)
- (17) OLIVE BRUSHED KNITTED FABRIC. (LINING)
- (18) 2mm OLIVE GREEN MELANGE PLUSH FABRIC. (BODY)
- (19) BLACK NON-WOVEN FABRIC. (EYES) (SPL. WT. = 77mg)
- (20) FOREST GREEN BRUSHED KNITTED FABRIC. (LINING)
- (21) 2mm GREY PLUSH FABRIC. (BODY)
- (22) 2mm BLACK PLUSH FABRIC. (ON BODY)
- (23) GREY BRUSHED KNITTED FABRIC. (LINING)
- (24) WHITE THREAD. (ON CHIN) (SPL. WT. = 58mg)
- (25) BEIGE/SKY BLUE/LIGHT TAN WOVEN FABRIC. (SEWN-IN LABEL)
- (26) WHITE SATIN WOVEN FABRIC WITH BLACK PRINTING.(SEWN-IN LABEL)

REMARK : SINCE THE SAMPLE WEIGHT OF COATING WAS FOUND LESS THAN 10mg, COATING WITH BASE MATERIAL OF TESTED COMPONENT (26) WAS TESTED.

DATE SAMPLE RECEIVED: JUN.20, 2012

TESTING PERIOD: JUN.20, 2012 TO JUN.26, 2012

18 SAFETY OF ELECTRIC TOYS

AS PER EUROPEAN STANDARD ON SAFETY OF ELECTRIC TOYS EN62115: 2005+A2:2011.

APPLICANT'S SPECIFIED AGE GROUP FOR TESTING: FOR ALL AGES

BATTERY TYPE : AAA SIZE X 3 PIECE(S) FOR LEDS

<u>CLAUSE</u>	<u>TESTING ITEMS</u>	<u>ASSESSMENT</u>
1	SCOPE	--
2	NORMATIVE REFERENCES	--
3	DEFINITIONS	--
4	GENERAL REQUIREMENT	--
5	GENERAL CONDITIONS FOR THE TESTS	--
6	CRITERIAL FOR REDUCED TESTING	--
7	MARKING AND INSTRUCTIONS	P
8	POWER INPUT	NA
9	HEATING AND ABNORMAL OPERATION	P
10	ELECTRIC STRENGTH AT OPERATING TEMPERATURE	P
11	MOISTURE RESISTANCE	P
12	ELECTRIC STRENGTH AT ROOM TEMPERATURE	P
13	MECHANICAL STRENGTH	P
14	CONSTRUCTION	P
15	PROTECTION OF CORDS AND WIRES	P
16	COMPONENTS	SEE REMARK (1)

TO BE CONTINUED



TEST REPORT

NUMBER: SHAH00324698

TESTS CONDUCTED

<u>CLAUSE</u>	<u>TESTING ITEMS</u>	<u>ASSESSMENT</u>
17	SCREWS AND CONNECTIONS	P
18	CREEPAGE DISTANCES AND CLEARANCES	P
19	RESISTANCE TO HEAT AND FIRE	P
20	RADIATION, TOXICITY AND SIMILAR HAZARDS	P
		SEE REMARK (2)

P = PASS NA = NOT APPLICABLE

REMARK:

- (1) ONLY 16.2 HAD BEEN ASSESSED IN CLAUSE 16. NO CERTIFICATE OF COMPLIANCE WAS PROVIDED BY THE APPLICANT. APPLICANT NEEDS TO ENSURE THAT OTHER COMPONENTS AS SPECIFIED IN CLAUSE 16.1, 16.3 AND 16.4 COMPLY WITH RELEVANT IEC STANDARDS AND MEET THE NATIONAL DEVIATION REQUIREMENT OF THE IMPORTING COUNTRIES. COMPLIANCE WITH THE IEC STANDARD FOR THE RELEVANT COMPONENT DOES NOT NECESSARILY ENSURE COMPLIANCE WITH THE REQUIREMENTS OF THIS STANDARD.
- (2) THIS REPORT ONLY COVERS THE ESSENTIAL SAFETY REQUIREMENTS CONCERNING ELECTRICAL PROPERTIES ON THE SAFETY OF TOYS AND IN ORDER TO COMPLY WITH EN62115:2005+A2:2011, ELECTRICAL TOYS ALSO HAVE TO COMPLY WITH CLASS 1 CLASSIFICATION IN ACCORDANCE WITH EN60825-1 FOR THE LASERS AND LIGHT EMITTING DIODES (LEDS).

DATE SAMPLE RECEIVED: JUN.20, 2012
TESTING PERIOD: JUN.20, 2012 TO JUN.26, 2012

19 CADMIUM (Cd) CONTENT

AS PER CADMIUM CONTENT REQUIREMENT IN COMMISSION REGULATION (EU) NO. 494/2011 OF 20 MAY 2011 AMENDING ANNEX XVII ITEM 23 OF THE REACH REGULATION (EC) NO. 1907/2006, ACID DIGESTION METHOD WAS USED AND TOTAL CADMIUM CONTENT WAS DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

<u>TESTED COMPONENT</u>	<u>RESULT IN %</u>
(1)	ND(<0.0005)
(2)	ND(<0.0005)
(3)	ND(<0.0005)
(4)	ND(<0.0005)
(5)	ND(<0.0005)
(6)	ND(<0.0005)
(7)	ND(<0.0005)
(8)	ND(<0.0005)
(9)	ND(<0.0005)
(10)	ND(<0.0005)
(11)	ND(<0.0005)
(12)	ND(<0.0005)
(13)	ND(<0.0005)
(14)	ND(<0.0005)

TO BE CONTINUED

TEST REPORT

NUMBER: SHAH00324698

TESTS CONDUCTED

<u>TESTED COMPONENT</u>	<u>RESULT IN %</u>
(15)	ND(<0.0005)
(16)	ND(<0.0005)
(17)	ND(<0.0005)
(18)	ND(<0.0005)
(19)	ND(<0.0005)

<u>REQUIREMENT:</u>	
<u>CATEGORY</u>	<u>LIMIT (%)</u>
WET PAINT	NOT PERMITTED
SURFACE COATING	0.1
PLASTIC	0.01
METAL PARTS OF JEWELLERY & HAIR ACCESSORIES	0.01

REMARK: < = LESS THAN
ND = NOT DETECTED(<0.0005%)

TESTED COMPONENTS:

- (1) FOUR-COLORED PRINTED COATING ON PLASTIC. (DESIGN ON BACK)
- (2) BLACK/SLATE BLUE/CRIMSON COATINGS ON PLASTIC. (BACK)
- (3) MAROON/TAN COATINGS ON PLASTIC. (BACK)
- (4) TRANSPARENT PLASTIC FILM WITH UNDER MULTI-COLOR COATINGS. (INSTRUCTION COVER)
- (5) OFF WHITE PLASTIC EXCLUDING COATINGS. (BACK)
- (6) BLACK PLASTIC. (BATTERIES BOX)
- (7) BLACK PLASTIC. (SWITCH)
- (8) SLATE BLUE PLASTIC. (BUTTON ON BACK)
- (9) BROWN PLASTIC. (BUTTON ON BACK)
- (10) CRIMSON PLASTIC. (BUTTON ON BACK)
- (11) BROWN PC BOARD. (SMALL)
- (12) RED PLASTIC. (WIRE)
- (13) YELLOW PLASTIC. (WIRE)
- (14) BLUE PLASTIC. (WIRE)
- (15) BLACK PLASTIC. (WIRE)
- (16) TRANSPARENCE PLASTIC. (LIGHT)
- (17) BEIGE/WHITE PLASTIC PC. (INSIDE)
- (18) GREY/BLACK SOFT PLASTIC. (BUTTON BASE)
- (19) TRANSPARENCE PLASTIC. (GASKET)(BATTERY BOX BACKING)(SCREW BACKING)

DATE SAMPLE RECEIVED: JUN.20, 2012
TESTING PERIOD: JUN.20, 2012 TO JUN.26, 2012

TO BE CONTINUED

TEST REPORT

NUMBER: SHAH00324698

TESTS CONDUCTED

20 PHthalate Content Test

WITH REFERENCE TO EN14372, BY GAS CHROMATOGRAPHY-MASS SPECTROMETRY (GC-MS) ANALYSIS.

<u>TESTED COMPOUND</u>	<u>RESULT (%.W/W)</u>						<u>LIMIT(%.W/W)</u>
	(1)	(2)	(3)	(4)	(5,6&7)	(8,9&10)	<u>(MAX.)</u>
DIBUTYL PHTHALATE (DBP)	ND	ND	ND	0.03	ND	ND	---
DI(2-ETHYL HEXYL) PHTHALATE(DEHP)	ND	ND	ND	ND	ND	ND	---
BENZYL BUTYL PHTHALATE (BBP)	ND	ND	ND	ND	ND	ND	---
SUM OF THREE PHTHALATES	ND	ND	ND	0.03	ND	ND	0.1
DI-ISO-NONYL PHTHALATE (DINP)	ND	ND	ND	ND	ND	ND	---
DI-n-OCTYL PHTHALATE (DnOP)	ND	ND	ND	ND	ND	ND	---
DI-ISO-DECYL PHTHALATE (DIDP)	ND	ND	ND	ND	ND	ND	---
SUM OF THREE PHTHALATES	ND	ND	ND	ND	ND	ND	0.1

<u>TESTED COMPOUND</u>	<u>RESULT (%.W/W)</u>						<u>LIMIT(%.W/W)</u>
	(11&17)	(12&13)	(14&15)	(16&19)	(18)	(20)	<u>(MAX.)</u>
DIBUTYL PHTHALATE (DBP)	ND	ND	ND	ND	ND	ND	---
DI(2-ETHYL HEXYL) PHTHALATE(DEHP)	ND	ND	ND	ND	ND	ND	---
BENZYL BUTYL PHTHALATE (BBP)	ND	ND	ND	ND	ND	ND	---
SUM OF THREE PHTHALATES	ND	ND	ND	ND	ND	ND	0.1
DI-ISO-NONYL PHTHALATE (DINP)	ND	ND	ND	ND	ND	ND	---
DI-n-OCTYL PHTHALATE (DnOP)	ND	ND	ND	ND	ND	ND	---
DI-ISO-DECYL PHTHALATE (DIDP)	ND	ND	ND	ND	ND	ND	---
SUM OF THREE PHTHALATES	ND	ND	ND	ND	ND	ND	0.1

REMARK: THE ABOVE LIMIT WAS QUOTED ACCORDING TO ANNEX XVII
ITEMS 51 & 52 OF THE REACH REGULATION (EC) NO. 1907/2006 & AMENDMENT NO.552/2009 FOR
PHTHALATE CONTENT IN TOYS AND CHILDREN CARE ARTICLES.

DETECTION LIMIT = 0.01%(W/W)
ND = NOT DETECTED

TO BE CONTINUED



TEST REPORT

NUMBER: SHAH00324698

TESTS CONDUCTED

TESTED COMPONENTS:

- (1) FOUR-COLORED PRINTED COATING ON PLASTIC. (DESIGN ON BACK)
- (2) BLACK/SLATE BLUE/CRIMSON COATINGS ON PLASTIC. (BACK)
- (3) MAROON/TAN COATINGS ON PLASTIC. (BACK)
- (4) WHITE PAPER CARD WITH TRANSPARENT PLASTIC FILM AND MULTI-COLOR COATINGS.
(INSTRUCTION COVER)
- (5) OFF WHITE PLASTIC EXCLUDING COATINGS. (BACK)
- (6) BLACK PLASTIC. (BATTERIES BOX)
- (7) BLACK PLASTIC. (SWITCH)
- (8) SLATE BLUE PLASTIC. (BUTTON ON BACK)
- (9) BROWN PLASTIC. (BUTTON ON BACK)
- (10) CRIMSON PLASTIC. (BUTTON ON BACK)
- (11) 2mm GREEN MELANGE PLUSH FABRIC WITH BLACK THREAD. (BODY)
- (12) OLIVE BRUSHED KNITTED FABRIC. (LINING)
- (13) 2mm OLIVE GREEN MELANGE PLUSH FABRIC. (BODY)
- (14) BLACK NON-WOVEN FABRIC. (EYES)
- (15) FOREST GREEN BRUSHED KNITTED FABRIC. (LINING)
- (16) 2mm GREY PLUSH FABRIC WITH BROWN/WHITE THREAD. (BODY)
- (17) 2mm BLACK PLUSH FABRIC. (ON BODY)
- (18) GREY BRUSHED KNITTED FABRIC. (LINING)
- (19) BEIGE/SKY BLUE/LIGHT TAN WOVEN FABRIC. (SEWN-IN LABEL)
- (20) WHITE SATIN WOVEN FABRIC WITH BLACK PRINTING.(SEWN-IN LABEL)

DATE SAMPLE RECEIVED: JUN.20, 2012

TESTING PERIOD: JUN.20, 2012 TO JUN.28, 2012

TO BE CONTINUED



TEST REPORT

NUMBER: SHAH00324698

TESTS CONDUCTED

21 DETECTION OF AMINES IN DYESTUFF

BY GAS CHROMATOGRAPHIC - MASS SPECTROMETRIC (GC-MS) AND HIGH PERFORMANCE LIQUID CHROMATOGRAPHIC (HPLC) ANALYSIS.

TEST METHOD : TEXTILE METHOD (EN 14362-1 : 2003)
POLYESTER METHOD (EN 14362-2 : 2003)

	<u>FORBIDDEN AMINE</u>	<u>CAS NO.</u>	<u>RESULT</u>			
			<u>NON-POLYESTER</u> (12)	<u>POLYESTER</u> (1)	<u>POLYESTER</u> (4,6&7)	<u>POLYESTER</u> (5)
1.	4-AMINODIPHENYL	92-67-1	N	N	N	N
2.	BENZIDINE	92-87-5	N	N	N	N
3.	4-CHLORO-O-TOLUIDINE	95-69-2	N	N	N	N
4.	2-NAPHTHYLAMINE	91-59-8	N	N	N	N
5.	O-AMINOAZOTOLUENE	97-56-3	N	N	N	N
6.	2-AMINO-4-NITROTOLUENE	99-55-8	N	N	N	N
7.	P-CHLOROANILINE	106-47-8	N	N	N	N
8.	2,4-DIAMINOANISOLE	615-05-4	N	N	N	N
9.	4,4'-DIAMINODIPHENYLMETHANE	101-77-9	N	N	N	N
10.	3,3'-DICHLOROBENZIDINE	91-94-1	N	N	N	N
11.	3,3'-DIMETHOXYBENZIDINE	119-90-4	N	N	N	N
12.	3,3'-DIMETHYLBENZIDINE	119-93-7	N	N	N	N
13.	3,3'-DIMETHYL-4,4'DIAMINODIPHENYLMETHANE	838-88-0	N	N	N	N
14.	P-CRESIDINE	120-71-8	N	N	N	N
15.	4,4'-METHYLENE-BIS(2-CHLOROANILINE)	101-14-4	N	N	N	N
16.	4,4'-OXYDIANILINE	101-80-4	N	N	N	N
17.	4,4'-THIODIANILINE	139-65-1	N	N	N	N
18.	O-TOLUIDINE	95-53-4	N	N	N	N
19.	2,4-TOLUYLENEDIAMINE	95-80-7	N	N	N	N
20.	2,4,5-TRIMETHYLANILINE	137-17-7	N	N	N	N
21.	O-ANISIDINE	90-04-0	N	N	N	N
22.	P-AMINOAZOBENZENE	60-09-3	N	N	N	N

TO BE CONTINUED



TEST REPORT

NUMBER: SHAH00324698

TESTS CONDUCTED

	<u>FORBIDDEN AMINE</u>	<u>CAS NO.</u>	<u>RESULT</u>				
			<u>POLYESTER</u>				
			(8,9&10)	(11)	(12)	(2)	(3)
1.	4-AMINODIPHENYL	92-67-1	N	N	N	N	N
2.	BENZIDINE	92-87-5	N	N	N	N	N
3.	4-CHLORO-O-TOLUIDINE	95-69-2	N	N	N	N	N
4.	2-NAPHTHYLAMINE	91-59-8	N	N	N	N	N
5.	O-AMINOAZOTOLUENE	97-56-3	N	N	N	N	N
6.	2-AMINO-4-NITROTOLUENE	99-55-8	N	N	N	N	N
7.	P-CHLOROANILINE	106-47-8	N	N	N	N	N
8.	2,4-DIAMINOANISOLE	615-05-4	N	N	N	N	N
9.	4,4'-DIAMINODIPHENYLMETHANE	101-77-9	N	N	N	N	N
10.	3,3'-DICHLOROBENZIDINE	91-94-1	N	N	N	N	N
11.	3,3'-DIMETHOXYBENZIDINE	119-90-4	N	N	N	N	N
12.	3,3'-DIMETHYLBENZIDINE	119-93-7	N	N	N	N	N
13.	3,3'-DIMETHYL-4,4'DIAMINODIPHENYLMETHANE	838-88-0	N	N	N	N	N
14.	P-CRESIDINE	120-71-8	N	N	N	N	N
15.	4,4'-METHYLENE-BIS(2-CHLOROANILINE)	101-14-4	N	N	N	N	N
16.	4,4'-OXYDIANILINE	101-80-4	N	N	N	N	N
17.	4,4'-THIODIANILINE	139-65-1	N	N	N	N	N
18.	O-TOLUIDINE	95-53-4	N	N	N	N	N
19.	2,4-TOLUYLENEDIAMINE	95-80-7	N	N	N	N	N
20.	2,4,5-TRIMETHYLANILINE	137-17-7	N	N	N	N	N
21.	O-ANISIDINE	90-04-0	N	N	N	N	N
22.	P-AMINOAZOBENZENE	60-09-3	N	N	N	N	N

REMARK : N = NOT DETECTED (LESS THAN 20 ppm)
DETECTION LIMIT = 5 ppm
REQUIREMENT = 30 ppm (MAX.)
ppm = PARTS PER MILLION = mg/kg

TESTED COMPONENTS :

- (1) 2mm 100% POLYESTER GREEN MELANGE PLUSH FABRIC. (BODY)
- (2) 100% POLYESTER BLACK THREAD. (MOUTH)
- (3) 100% POLYESTER BROWN THREAD. (MOUTH)
- (4) 100% POLYESTER OLIVE BRUSHED KNITTED FABRIC. (LINING)
- (5) 2mm 100% POLYESTER OLIVE GREEN MELANGE PLUSH FABRIC. (BODY)
- (6) 100% POLYESTER BLACK NON-WOVEN FABRIC. (EYES)
- (7) 100% POLYESTER FOREST GREEN BRUSHED KNITTED FABRIC. (LINING)
- (8) 2mm 100% POLYESTER GREY PLUSH FABRIC. (BODY)
- (9) 2mm 100% POLYESTER BLACK PLUSH FABRIC. (ON BODY)
- (10) 100% POLYESTER GREY BRUSHED KNITTED FABRIC. (LINING)
- (11) 100% POLYESTER BEIGE/SKY BLUE/LIGHT TAN WOVEN FABRIC. (SEWN-IN LABEL)
- (12) 100% POLYESTER WHITE SATIN WOVEN FABRIC WITH BLACK PRINTING.(SEWN-IN LABEL)

DATE SAMPLE RECEIVED: JUN.20, 2012

TESTING PERIOD: JUN.20, 2012 TO JUN.28, 2012

TO BE CONTINUED

TEST REPORT

NUMBER: SHAH00324698

TESTS CONDUCTED



END OF REPORT

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