

## TEST REPORT

NUMBER: SZHH00408558

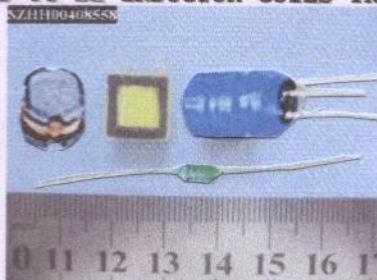
APPLICANT: TOP-VIEW COILS PRODUCTS CO., LTD  
FLAT C, 21/ FLOOR GLEE INDUSTRIAL  
BUILDING, 77-81 CHAI WAN KOK  
STREET, TSUEN WAN , N.T.H.K

DATE: Jul 24, 2009

ATTN: LI WEN JUN

### SAMPLE DESCRIPTION:

ONE (1) SUBMITTED SAMPLE SAID TO BE **INDUCTOR COILS TRANSFORMERS.**



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### TESTS CONDUCTED:

AS REQUESTED BY THE APPLICANT, THE COMPOSITE TESTING WAS CONDUCTED BY WEIGHT RATIO.  
FOR DETAILS, REFER TO ATTACHED PAGE(S)

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### SUMMARY:

ACCORDING TO SPECIFIED TEST PROCESSES IN THIS REPORT, CONTENTS OF ALL SUBSTANCES  
OF VERY HIGH CONCERN (SVHC) IN CANDIDATE LIST PROMULGATED BY EUROPEAN CHEMICALS  
AGENCY (ECHA), WHICH ARE DEFINED IN ARTICLE 57 OF REGULATION (EC) NO. 1907/2006  
(REACH REGULATION), ARE LESS THAN 0.1% (w/w) IN SUBMITTED SAMPLE.

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AUTHORIZED BY:  
FOR INTERTEK TESTING SERVICES  
SHENZHEN LTD.



KARBON M.Y. WU  
GENERAL MANAGER



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## TESTS CONDUCTED

## (I) 15 SVHC TESTING RESULTS:

TESTING ITEM	RESULTS % (w/w)
COBALT DICHLORIDE #	ND
DIARSENIC PENTAOXIDE #	ND
DIARSENIC TRIOXIDE #	ND
LEAD HYDROGEN ARSENATE #	ND
TRIETHYL ARSENATE #	ND
SODIUM DICHROMATE, DIHYDRATE #	ND
BIS (TRIBUTYLTIN) OXIDE	ND
ANTHRACENE	ND
4,4-DIAMINODIPHENYLMETHANE	ND
HEXABROMOCYCLODODECANE (HBCDD)	ND
5-TERT-BUTYL-2,4,6-TRINITRO-m-XYLENE (MUSK XYLENE)	ND
BIS (2-ETHYLHEXYL) PHTHALATE (DEHP)	ND
DIBUTYL PHTHALATE (DBP)	ND
BENZYL BUTYL PHTHALATE (BBP)	ND
SHORT CHAIN CHLORINATED PARAFFINS (C <sub>10-13</sub> )	ND

REMARKS: SVHC = SUBSTANCE OF VERY HIGH CONCERN  
ND = NOT DETECTED (THE RESULT IS LESS THAN THE REPORTING LIMIT)  
# = THE SUBSTANCE WAS CALCULATED BY THE CONTENT OF SPECIFIC ELEMENT, SUCH AS Co, Cl, As, Pb AND Cr<sup>6+</sup>.

DATE SAMPLE RECEIVED

: JUL 20, 2009

TESTING PERIOD

: JUL 20, 2009 TO JUL 23, 2009

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## TESTS CONDUCTED

## (II) TESTING METHOD:

TESTING ITEM	TESTING METHOD	REPORTING LIMIT
COBALT DICHLORIDE	BY MICROWAVE DIGESTION / COMBUSTION AND DETERMINED BY ICP-OES / IC	0.05%
DIARSENIC PENTAOXIDE	BY MICROWAVE DIGESTION AND DETERMINED BY ICP-OES	0.05%
DIARSENIC TRIOXIDE		0.05%
LEAD HYDROGEN ARSENATE		0.05%
TRIETHYL ARSENATE		0.05%
SODIUM DICHROMATE, DIHYDRATE	BY MICROWAVE DIGESTION AND DETERMINED BY ICP-OES, AND FURTHER SOLVENT EXTRACTION AND UV-VIS CONFIRMATION WHEN NECESSARY	0.05%
BIS (TRIBUTYL TIN) OXIDE	BY SOLVENT EXTRACTION AND DETERMINED BY GC-MSD	0.05%
ANTHRACENE		0.05%
4,4-DIAMINODIPHENYLMETHANE		0.05%
HEXABROMOCYCLODODECANE (HBCDD)		0.05%
5-TERT-BUTYL-2,4,6-TRINITRO-m-XYLENE (MUSK XYLENE)		0.05%
BIS (2-ETHYLHEXYL) PHTHALATE (DEHP)		0.05%
DIBUTYL PHTHALATE (DBP)		0.05%
BENZYL BUTYL PHTHALATE (BBP)		0.05%
SHORT CHAIN CHLORINATED PARAFFINS (C <sub>10-13</sub> )		0.05%

## REMARKS :

1. REPORTING LIMIT = QUANTITATION LIMIT OF ANALYTE IN SAMPLE
2. CALCULATED CONCENTRATION OF COBALT DICHLORIDE, DIARSENIC PENTAOXIDE, DIARSENIC TRIOXIDE, SODIUM DICHROMATE, DIHYDRATE, LEAD HYDROGEN ARSENATE AND TRIETHYL ARSENATE ARE BASED ON THE SELECTED ELEMENT(S) RESULT. IDENTITY OF ABOVE SUBSTANCES PRESENT IN THE ARTICLE HAS TO BE FURTHER CONFIRMED.

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(III) LIST OF SVHC:

SUBSTANCE	EC NO.	CAS NO.	CLASSIFICATION
COBALT DICHLORIDE	231-589-4	7646-79-9	CARCINOGEN CAT 2
DIARSENIC PENTAOXIDE	215-116-9	1303-28-2	CARCINOGEN CAT 1
DIARSENIC TRIOXIDE	215-481-4	1327-53-3	CARCINOGEN CAT 1
LEAD HYDROGEN ARSENATE	232-064-2	7784-40-9	CARCINOGEN CAT 1 TOXIC FOR REPRODUCTION CAT 1
TRIETHYL ARSENATE	427-700-2	15606-95-8	CARCINOGEN CAT 1
SODIUM DICHROMATE, DIHYDRATE	234-190-3	7789-12-0	CARCINOGEN CAT 2; MUTAGEN, CAT 2; TOXIC FOR REPRODUCTION CAT 2
BIS (TRIBUTYL TIN) OXIDE	200-268-0	56-35-9	PERSISTENT, BIOACCUMULATIVE AND TOXIC
ANTHRACENE	204-371-1	120-12-7	PERSISTENT, BIOACCUMULATIVE AND TOXIC
4,4- DIAMINODIPHENYLMETHANE	202-974-4	101-77-9	CARCINOGEN CAT 2
HEXABROMOCYCLODODECANE (HBCDD)	247-148-4	25637-99-4, 3194-55-6	PERSISTENT, BIOACCUMULATIVE AND TOXIC
5-TERT-BUTYL-2,4,6- TRINITRO-m-XYLENE (MUSK XYLENE)	201-329-4	81-15-2	CARCINOGEN CAT 2; MUTAGEN, CAT 2; TOXIC FOR REPRODUCTION CAT 2
BIS (2-ETHYLHEXYL) PHTHALATE (DEHP)	204-211-0	117-81-7	TOXIC FOR REPRODUCTION, CAT 2
DIBUTYL PHTHALATE	201-557-4	84-74-2	TOXIC FOR REPRODUCTION, CAT 2
BENZYL BUTYL PHTHALATE	201-622-7	85-68-7	TOXIC FOR REPRODUCTION, CAT 2
SHORT CHAIN CHLORINATED PARAFFINS (C <sub>10-13</sub> )	287-476-5	85535-84-8	PERSISTENT, BIOACCUMULATIVE AND TOXIC VERY PERSISTENT AND VERY BIOACCUMULATIVE

REMARKS:

- SUBSTANCES OF VERY HIGH CONCERN (SVHC) ARE CLASSIFIED AS:
  - CARCINOGENIC, MUTAGENIC OR TOXIC TO REPRODUCTION CATEGORY 1 (PROVEN ON HUMANS) AND CATEGORY 2 (PROVEN ON ANIMALS)
  - PERSISTENT, BIOACCUMULATIVE AND TOXIC CHEMICALS (PBT)
  - VERY PERSISTENT AND VERY BIOACCUMULATIVE CHEMICALS (VPVB)
  - OTHER SIMILAR SUBSTANCES SUCH AS ENDOCRINE DISRUPTERS
- IF THE IMPORTED OR MANUFACTURED VOLUME OF EACH INDIVIDUAL SVHC IS MORE THAN 0.1% AND IF IT EXCEEDS 1 TONNE PER YEAR ACROSS ALL PRODUCT RANGES, THEN IMPORTER OR MANUFACTURER REQUIRE NOTIFICATION TO THE EUROPEAN CHEMICAL AGENCY (ECHA). NOTIFICATION SHOULD BE DONE BY JUNE 2011, WHICH IS 4 YEARS AFTER REACH HAS BEEN IMPLEMENTED.

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3. ACCORDING TO ARTICLE 7 OF REGULATION (EC) NO. 1907/2006 (REACH), IF A SUBSTANCE MEETS THE CRITERIA IN ARTICLE 57 AND IS IDENTIFIED IN ACCORDANCE WITH ARTICLE 59(1). THE FOLLOWING INFORMATION IS SUBMITTED FOR NOTIFICATION:
- a. IDENTIFICATION OF THE REGISTRANT AND THE SUBSTANCE
  - b. CLASSIFICATION AND LABELLING OF THE SUBSTANCE
  - c. DESCRIPTION OF USE OF THE SUBSTANCE AND THE ARTICLE
  - d. REGISTRATION NUMBER, IF AVAILABLE
  - e. TONNAGE RANGE
4. ACCORDING TO ARTICLE 33 OF REGULATION (EC) NO. 1907/2006 (REACH), IF THE SVHC IN AN ARTICLE IS MORE THAN 0.1% BY WEIGHT, THEN ALL RECIPIENTS IN THE SUPPLY CHAIN AND THOSE CONSUMERS WHO REQUEST FOR INFORMATION MUST BE INFORMED TO ENABLE SAFE USE.

## (IV) DISCLAIMERS:

THIS ASSESSMENT REPORT FOR SUBSTANCES OF VERY HIGH CONCERN (SVHC) AUTHORIZED BY EUROPEAN CHEMICALS AGENCY (ECHA) IS FOR REFERENCE PURPOSES ONLY. THE APPLICANT SHALL MAKE ITS/HIS/HER OWN JUDGEMENT AS TO WHETHER THE INFORMATION PROVIDED IN ASSESSMENT REPORT IS SUFFICIENT FOR ITS/HIS/HER PURPOSES.

THE SCREENING RESULTS SHOWN IN THIS ASSESSMENT REPORT WILL BE IN RELATION TO VARIOUS FACTORS, INCLUDING BUT NOT LIMITED TO, THE WEIGHTS OF DISMANTLED COMPONENTS, THE SIZES OF DISMANTLED COMPONENTS AND COMPOSITE TESTS WITH VARIOUS COMPONENTS, ETC. FURTHER INDIVIDUAL WET CHEMICAL PRE-TREATMENT WITH RELEVANT CHEMICAL EQUIPMENT ANALYSIS FOR EACH SUBSTANCE IS REQUIRED TO OBTAIN QUANTITATIVE DATA.

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END OF REPORT