

**TEST REPORT**

NUMBER: SZHH0042433401

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: Sep 23, 2009

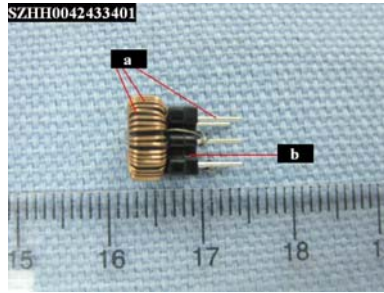
ATTN: LI WEN JUN

**SAMPLE DESCRIPTION:**

ONE (1) SUBMITTED SAMPLE SAID TO BE **TC/FB/BC COILS.**

TESTED COMPONENTS:

- (a) BLACK MAGNET WITH BLACK COATING & COPPER COLOR ENAMELLED WIRE & SILVER COLOR METAL LEAD & SOLDER & GLUE.
- (b) BLACK PLASTIC.



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**TESTS CONDUCTED:**

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

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REMARK : AS REQUESTED BY THE APPLICANT, DIFFERENT MATERIALS OF TESTED COMPONENT (a) WERE TESTED TOGETHER.

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AUTHORIZED BY:  
FOR INTERTEK TESTING SERVICES  
SHENZHEN LTD.



KARBON M.Y. WU  
GENERAL MANAGER



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TESTS CONDUCTED

RoHS CHEMICAL TEST

(A) TEST RESULT SUMMARY:

TESTING ITEM	RESULT	
	(a)	(b)
CADMIUM (Cd) CONTENT (mg/kg)	ND(<2)	ND(<2)
LEAD (Pb) CONTENT (mg/kg)	ND(<2)	ND(<2)
MERCURY (Hg) CONTENT (mg/kg)	ND(<2)	ND(<2)
CHROMIUM (VI)(Cr <sup>6+</sup> ) CONTENT (mg/kg)	ND(<1)	ND(<1)
POLYBROMINATED BIPHENYLS (PBBs)(mg/kg)		
MONOBROMOBIPHENYL (MonoBB)	--	ND(<5)
DIBROMOBIPHENYL (DiBB)	--	ND(<5)
TRIBROMOBIPHENYL (TriBB)	--	ND(<5)
TETRABROMOBIPHENYL (TetraBB)	--	ND(<5)
PENTABROMOBIPHENYL (PentaBB)	--	ND(<5)
HEXABROMOBIPHENYL (HexaBB)	--	ND(<5)
HEPTABROMOBIPHENYL (HeptaBB)	--	ND(<5)
OCTABROMOBIPHENYL (OctaBB)	--	ND(<5)
NONABROMOBIPHENYL (NonaBB)	--	ND(<5)
DECABROMOBIPHENYL (DecaBB)	--	ND(<5)
POLYBROMINATED DIPHENYL ETHERS (PBDEs)(mg/kg)		
MONOBROMODIPHENYL ETHER (MonoBDE)	--	ND(<5)
DIBROMODIPHENYL ETHER (DiBDE)	--	ND(<5)
TRIBROMODIPHENYL ETHER (TriBDE)	--	ND(<5)
TETRABROMODIPHENYL ETHER (TetraBDE)	--	ND(<5)
PENTABROMODIPHENYL ETHER (PentaBDE)	--	ND(<5)
HEXABROMODIPHENYL ETHER (HexaBDE)	--	ND(<5)
HEPTABROMODIPHENYL ETHER (HeptaBDE)	--	ND(<5)
OCTABROMODIPHENYL ETHER (OctaBDE)	--	ND(<5)
NONABROMODIPHENYL ETHER (NonaBDE)	--	ND(<5)
DECABROMODIPHENYL ETHER (DecaBDE)	--	ND(<5)

CHEMIST: LV LINNA

mg/kg = MILLIGRAM PER KILOGRAM = ppm

< = LESS THAN

ND = NOT DETECTED

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(B) RoHS REQUIREMENT:

RESTRICTED SUBSTANCES	LIMITS
CADMIUM (Cd)	0.01% (100 ppm)
LEAD (Pb)	0.1% (1000 ppm)
MERCURY (Hg)	0.1% (1000 ppm)
CHROMIUM (VI) (Cr <sup>6+</sup> )	0.1% (1000 ppm)
POLYBROMINATED BIPHENYLS (PBBs)	0.1% (1000 ppm)
POLYBROMINATED DIPHENYL ETHERS (PBDEs)	0.1% (1000 ppm)

THE ABOVE LIMITS WERE QUOTED FROM 2002/95/EC AND AMENDMENT 2005/618/EC FOR HOMOGENEOUS MATERIAL.

(C) TEST METHOD:

TESTING ITEM	TESTING METHOD	REPORTING LIMIT
CADMIUM (Cd) CONTENT	WITH REFERENCE TO IEC 62321 EDITION 1.0:2008, BY ACID DIGESTION AND DETERMINED BY ICP - OES	2 mg/kg
LEAD (Pb) CONTENT	WITH REFERENCE TO IEC 62321 EDITION 1.0:2008, BY ACID DIGESTION AND DETERMINED BY ICP - OES	2 mg/kg
MERCURY (Hg) CONTENT	WITH REFERENCE TO IEC 62321 EDITION 1.0:2008, BY ACID DIGESTION AND DETERMINED BY ICP - OES	2 mg/kg
CHROMIUM (VI) (Cr <sup>6+</sup> ) CONTENT	WITH REFERENCE TO IEC 62321 EDITION 1.0:2008, BY ALKALINE DIGESTION AND DETERMINED BY UV-VIS SPECTROPHOTOMETER	1 mg/kg
POLYBROMINATED BIPHENYLS (PBBs) & POLYBROMINATED DIPHENYL ETHERS (PBDEs)	WITH REFERENCE TO IEC 62321 EDITION 1.0:2008, BY SOLVENT EXTRACTION AND DETERMINED BY GC/MS AND FURTHER HPLC CONFIRMATION WHEN NECESSARY	5 mg/kg

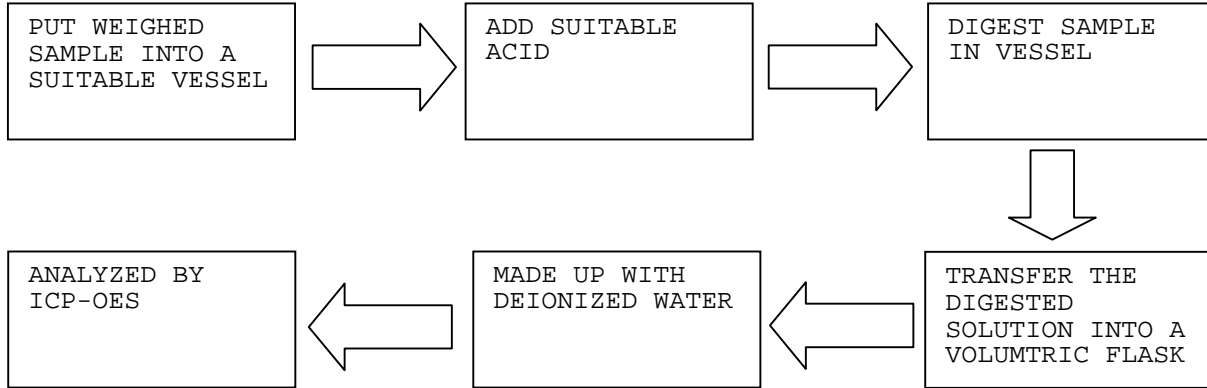
DATE SAMPLE RECEIVED : SEP 18, 2009  
TESTING PERIOD : SEP 18, 2009 TO SEP 22, 2009

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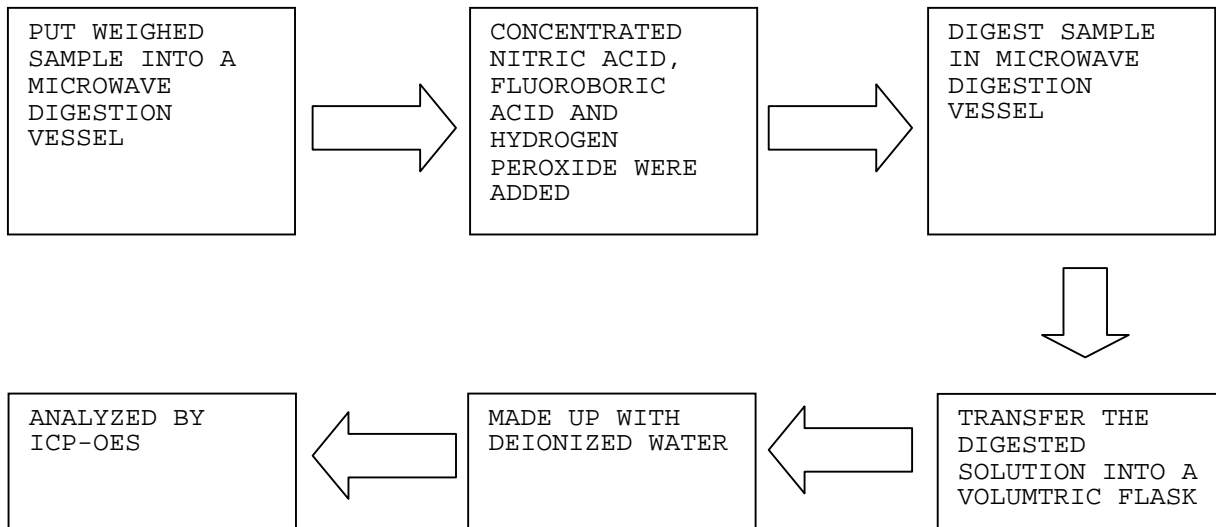
TESTS CONDUCTED

(D) MEASUREMENT FLOWCHART:

1. TEST FOR Cd/Pb CONTENTS



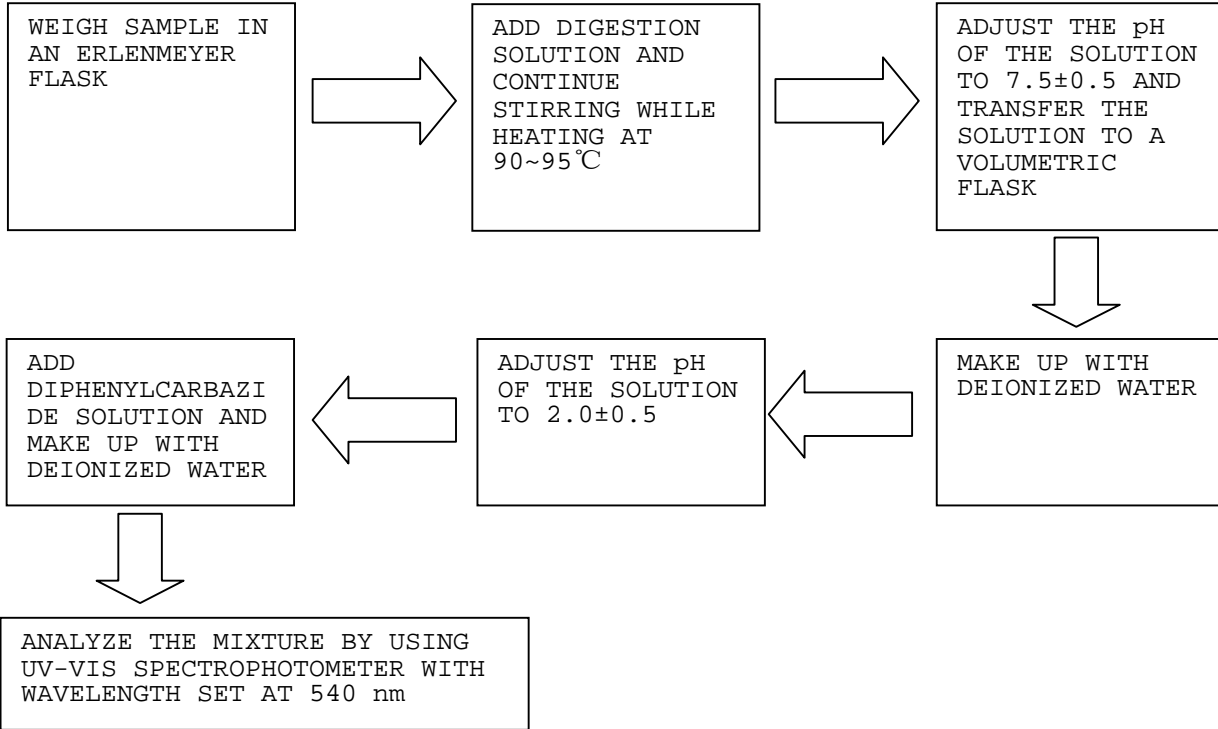
2. TEST FOR Hg CONTENT



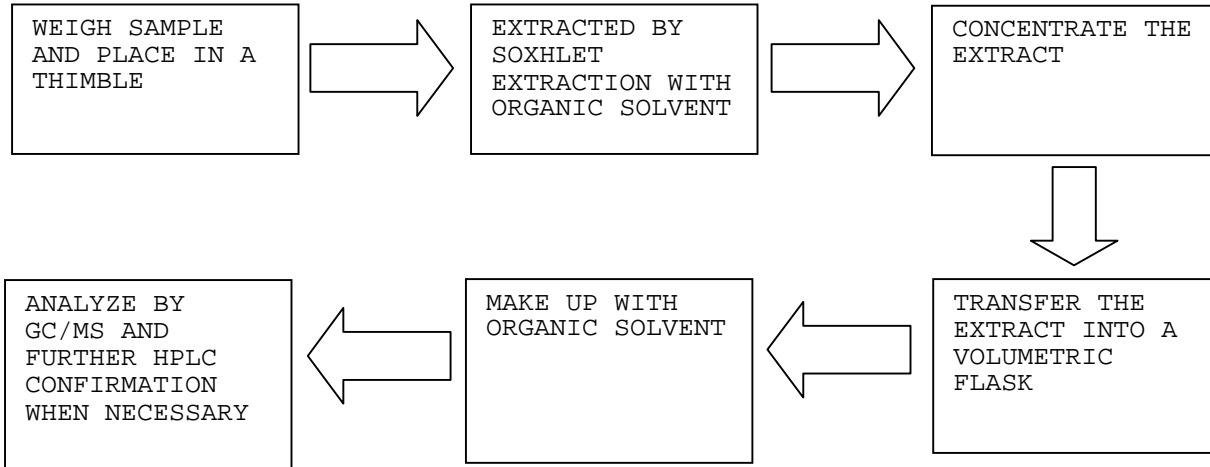
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TESTS CONDUCTED

3. TEST FOR CHROMIUM (VI) (Cr<sup>6+</sup>) CONTENT (ALKALINE DIGESTION)



4. TEST FOR PBBs/PBDEs CONTENTS



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END OF REPORT