



**TEST REPORT**

NUMBER: SZHH00297185

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 08, 2008

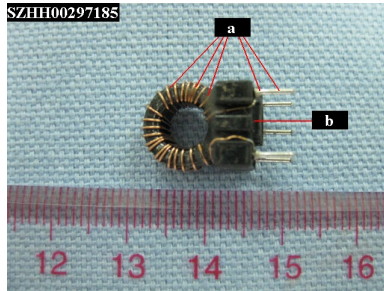
ATTN: LI WEN JUN

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.

BEN N.L. LIN  
GENERAL MANAGER



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TESTS CONDUCTED

(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

NOTE : THE EUROPEAN COURT OF JUSTICE (ECJ) HAS RULED THAT FLAME RETARDANT DECABROMODIPHENYL ETHER (DecaBDE) WILL BE "BANNED" FROM ELECTRICAL AND ELECTRONIC EQUIPMENT FROM JULY 01, 2008.

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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 -111/95/CDV, BY ACID DIGESTION AND DETERMINED BY ICP - OES	2 mg/kg
LEAD (Pb) CONTENT	WITH REFERENCE TO IEC 62321 -111/95/CDV, BY ACID DIGESTION AND DETERMINED BY ICP - OES	2 mg/kg
MERCURY (Hg) CONTENT	WITH REFERENCE TO IEC 62321 -111/95/CDV, BY ACID DIGESTION AND DETERMINED BY ICP - OES	2 mg/kg
CHROMIUM (VI) (Cr <sup>6+</sup> ) CONTENT	WITH REFERENCE TO IEC 62321 -111/95/CDV, BY ALKALINE DIGESTION AND DETERMINED BY UV-VIS SPECTROPHOTOMETER	1 mg/kg
POLYBROMINATED BIPHENYLS (PBBs) & POLYBROMINATED DIPHENYL ETHERS (PBDEs)	WITH REFERENCE TO IEC 62321 - 111/95/CDV, BY SOLVENT EXTRACTION AND DETERMINED BY GC-MS AND FURTHER HPLC CONFIRMATION WHEN NECESSARY	5 mg/kg

NOTE : TESTS WERE CONDUCTED WITH REFERENCE TO 111/95/CDV VERSION 2007-10-12 WHICH IS STILL A DRAFT METHOD AND SUBJECT TO FUTURE CHANGES PRIOR TO PUBLICATION.

DATE SAMPLE RECEIVED : SEP 02, 2008

TESTING PERIOD : SEP 02, 2008 TO SEP 04, 2008

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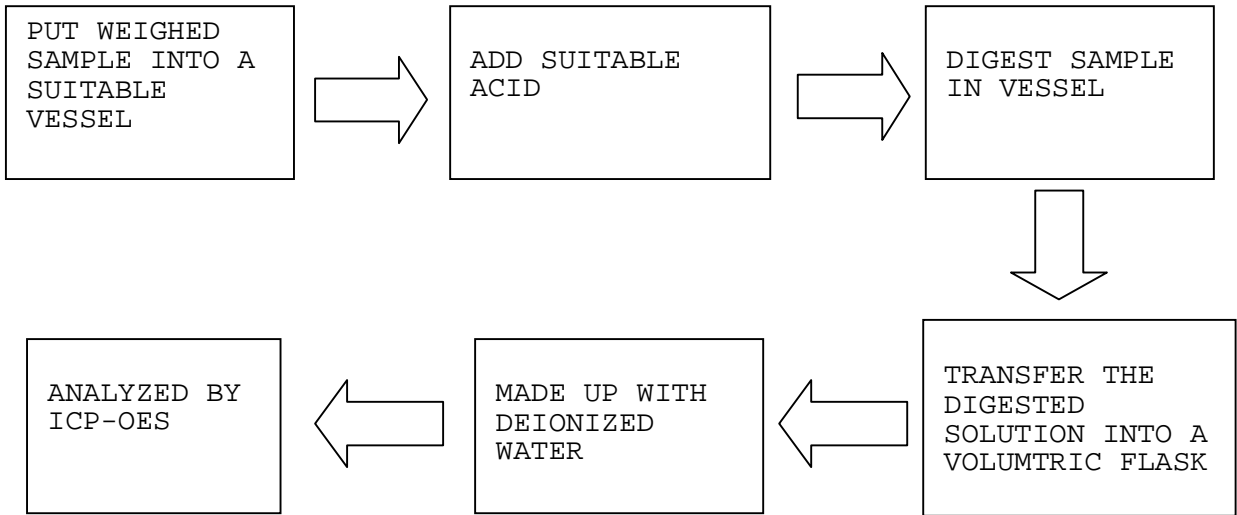
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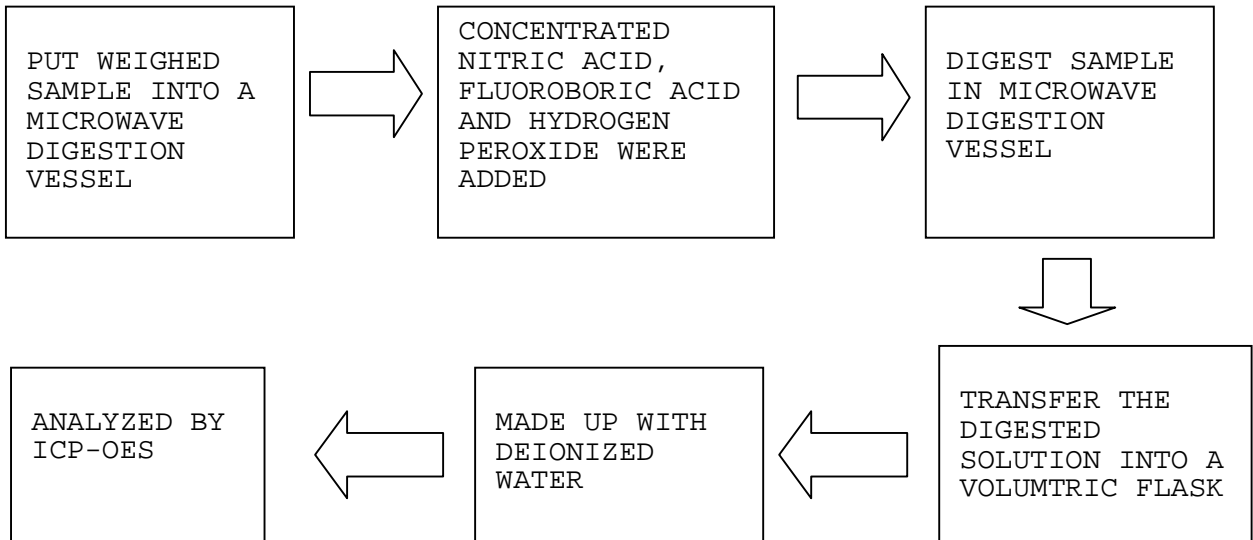
TESTS CONDUCTED

(D) MEASUREMENT FLOWCHART:

1. TEST FOR Cd/Pb CONTENTS



2. TEST FOR Hg CONTENT



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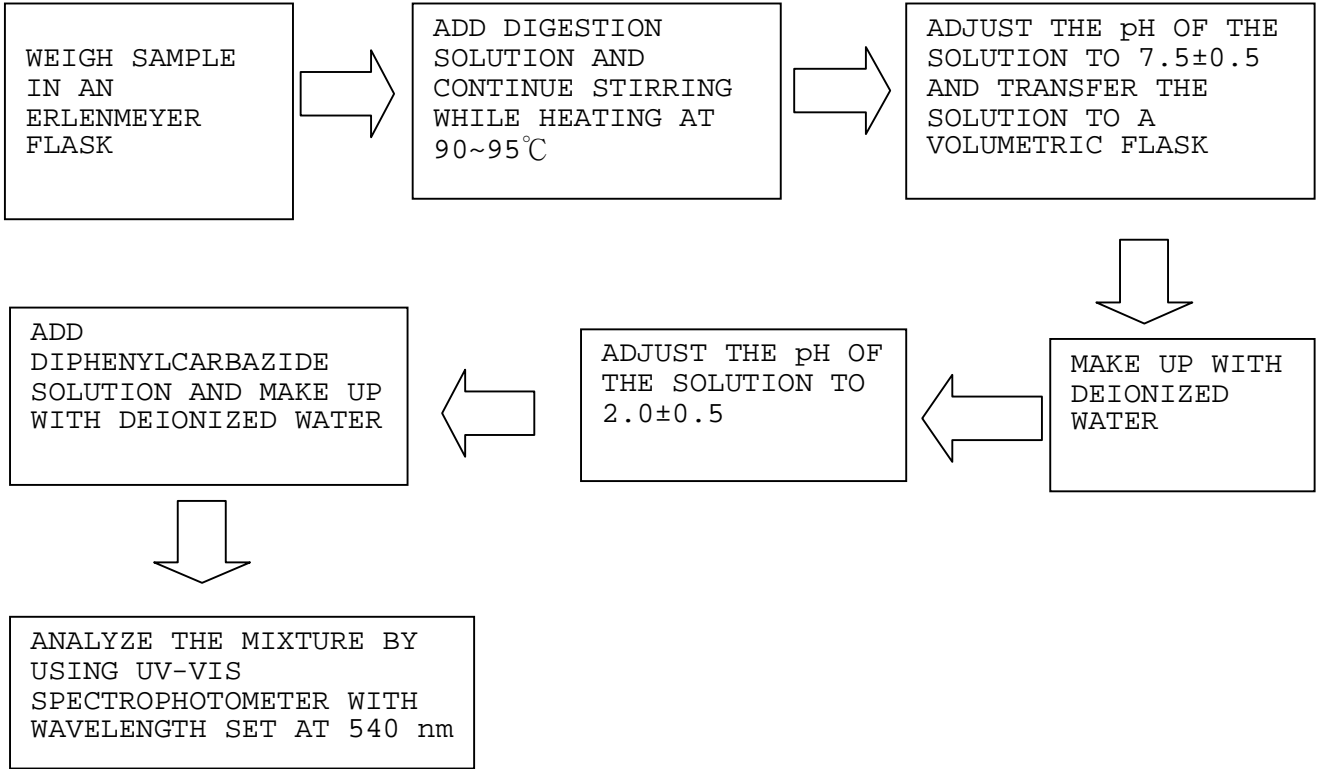


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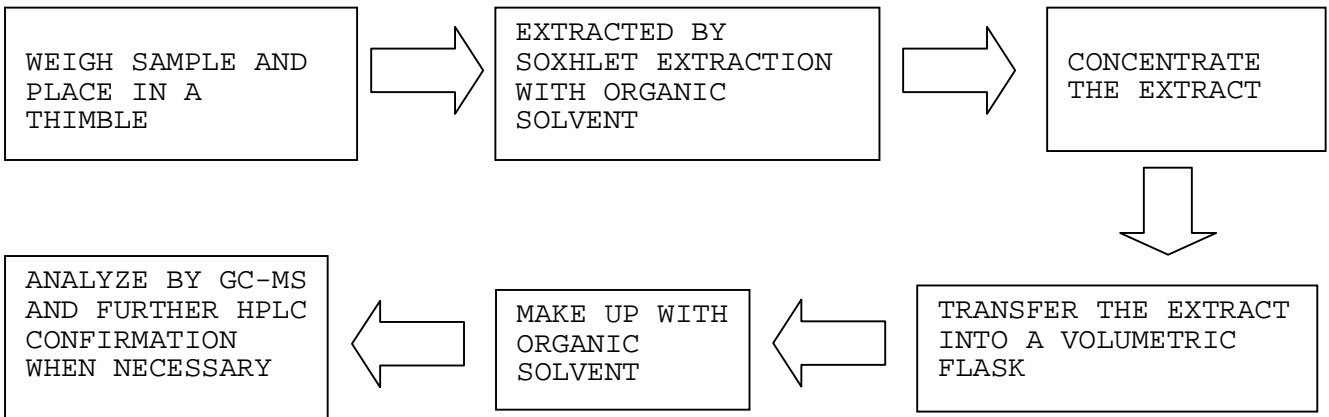
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TESTS CONDUCTED

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