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NUMBER: WUX0604786

**TEST REPORT**

APPLICANT: JIANGYIN PRECISION ELECTRICAL  
EQUIPMENT CO., LTD.  
NO.87 WEST YINBIN ROAD, HUANGTU  
TOWN, JIANGSU, CHINA.  
ATTN: SHI ZHENGHONG

DATE: OCT 15, 2007

**SAMPLE DESCRIPTION:**

ONE (1) SUBMITTED SAMPLE SAID TO BE:

ITEM NAME: JRM SERIES THERMOSTAT.

TESTED COMPONENTS:

- (1) FAg/Cu MOVABLE CONTACT.
- (2) NICKET PLATED.
- (3) SOLDER.
- (4) STATIONARY BIMETAL.
- (5) CERAMIC INSULATION.
- (6) MOVABLE BIMETAL.
- (7) COPPER WIRE.
- (8) PVC ELECTRIC CABLE(BLACK SCARFSKIN).
- (9) FRAME.
- (10) EPOXY RESIN(BLACK).
- (11) PRINTING INK(BLACK).
- (12) PVC ELECTRIC CABLE(BLUE SCARFSKIN).

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**TESTS CONDUCTED:**

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

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TO BE CONTINUED

AUTHORIZED BY:  
FOR INTERTEK TESTING SERVICES  
WUXI LTD.

JESSICA LU  
GENERAL MANAGER



**TEST REPORT**

TEST CONDUCTED

(A) TEST RESULT SUMMARY FOR RoHS DIRECTIVE:

<u>TESTING ITEM</u>	<u>RESULT (ppm)</u>		
	(1)	(2)	(3)
CADMIUM (Cd) CONTENT (ppm)	ND(<2)	ND(<2)	ND(<2)
LEAD (Pb) CONTENT (ppm)	21	ND(<2)	36
MERCURY (Hg) CONTENT (ppm)	ND(<2)	ND(<2)	ND(<2)
CHROMIUM (VI)(Cr <sup>6+</sup> ) RESULT (FOR METAL)	N	N	N

<u>TESTING ITEM</u>	<u>RESULT (ppm)</u>		
	(4)	(5)	(6)
CADMIUM (Cd) CONTENT (ppm)	ND(<2)	ND(<2)	ND(<2)
LEAD (Pb) CONTENT (ppm)	61	ND(<2)	ND(<2)
MERCURY (Hg) CONTENT (ppm)	ND(<2)	ND(<2)	ND(<2)
CHROMIUM VI (Cr <sup>6+</sup> ) CONTENT (ppm) (FOR NON-METAL)	--	ND(<1)	--
CHROMIUM (VI)(Cr <sup>6+</sup> ) RESULT (FOR METAL)	N	--	N

<u>TESTING ITEM</u>	<u>RESULT (ppm)</u>	
	(7)	(9)
CADMIUM (Cd) CONTENT (ppm)	ND(<2)	ND(<2)
LEAD (Pb) CONTENT (ppm)	252	ND(<2)
MERCURY (Hg) CONTENT (ppm)	ND(<2)	ND(<2)
CHROMIUM (VI)(Cr <sup>6+</sup> ) RESULT (FOR METAL)	N	N

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TO BE CONTINUED



**TEST REPORT**

(A) TEST RESULT SUMMARY FOR ROHS DIRECTIVE:

TESTING ITEM	RESULT (ppm)			
	(8)	(10)	(11)	(12)
CADMIUM (Cd) CONTENT (ppm)	ND(<2)	ND(<2)	ND(<2)	ND(<2)
LEAD (Pb) CONTENT (ppm)	ND(<2)	ND(<2)	13	16
MERCURY (Hg) CONTENT (ppm)	ND(<2)	ND(<2)	ND(<2)	ND(<2)
CHROMIUM VI (Cr <sup>6+</sup> ) CONTENT (ppm) (FOR NON-METAL)	ND(<1)	ND(<1)	ND(<1)	ND(<1)
POLYBROMINATED BIPHENYLS (PBBS)				
MONOBROMOBIPHENYL (MonoBB) (ppm)	ND	ND	ND	ND
DIBROMOBIPHENYL (DiBB) (ppm)	ND	ND	ND	ND
TRIBROMOBIPHENYL (TriBB) (ppm)	ND	ND	ND	ND
TETRABROMOBIPHENYL (TetraBB) (ppm)	ND	ND	ND	ND
PENTABROMOBIPHENYL (PentaBB) (ppm)	ND	ND	ND	ND
HEXABROMOBIPHENYL (HexaBB) (ppm)	ND	ND	ND	ND
HEPTABROMOBIPHENYL (HeptaBB) (ppm)	ND	ND	ND	ND
OCTABROMOBIPHENYL (OctaBB) (ppm)	ND	ND	ND	ND
NONABROMOBIPHENYL (NonaBB) (ppm)	ND	ND	ND	ND
DECABROMOBIPHENYL (DecaBB) (ppm)	ND	ND	ND	ND
POLYBROMINATED DIPHENYL ETHERS (PBDEs)				
MONOBROMODIPHENYL ETHER (MonoBDE) (ppm)	ND	ND	ND	ND
DIBROMODIPHENYL ETHER (DiBDE) (ppm)	ND	ND	ND	ND
TRIBROMODIPHENYL ETHER (TriBDE) (ppm)	ND	ND	ND	ND
TETRABROMODIPHENYL ETHER (TetraBDE) (ppm)	ND	ND	ND	ND
PENTABROMODIPHENYL ETHER (PentaBDE) (ppm)	ND	ND	ND	ND
HEXABROMODIPHENYL ETHER (HexaBDE) (ppm)	ND	ND	ND	ND
HEPTABROMODIPHENYL ETHER (HeptaBDE) (ppm)	ND	ND	ND	ND
OCTABROMODIPHENYL ETHER (OctaBDE) (ppm)	ND	ND	ND	ND
NONABROMODIPHENYL ETHER (NonaBDE) (ppm)	ND	ND	ND	ND
DECABROMODIPHENYL ETHER (DecaBDE) (ppm)	ND	ND	ND	ND

REMARKS :

ppm = PARTS PER MILLION = mg/kg

< = LESS THAN

ND = NOT DETECTED

NOTE :DecaBDE IN POLYMERIC APPLICATIONS IS EXEMPTED ACCORDING TO ROHS DIRECTIVE AMENDMENT 2005/717/EC.

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TO BE CONTINUED



**TEST REPORT**

(B) RoHS REQUIREMENT

<b>RESTRICTED SUBSTANCES</b>	<b>LIMITS</b>
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.

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TO BE CONTINUED



**TEST REPORT**

(C) TEST METHOD :

TESTING ITEM	TESTING METHOD	REPORTING LIMIT
CADMIUM (Cd) CONTENT	WITH REFERENCE TO IEC 62321 -111/54/CDV, BY ACID DIGESTION AND DETERMINED BY ICP-OES	2 ppm
LEAD (Pb) CONTENT	WITH REFERENCE TO IEC 62321 -111/54/CDV, BY ACID DIGESTION AND DETERMINED BY ICP - OES	2 ppm
MERCURY (Hg) CONTENT	WITH REFERENCE TO IEC 62321 -111/54/CDV, BY ACID DIGESTION AND DETERMINED BY ICP - OES	2 ppm
CHROMIUM (VI) (Cr <sup>6+</sup> ) CONTENT (FOR METAL)	WITH REFERENCE TO IEC 62321 -111/54/CDV, BY SPOT TEST.	1 ppm (IN TESTING SOLUTION)
CHROMIUM (VI) (Cr <sup>6+</sup> ) CONTENT (FOR METAL)	WITH REFERENCE TO IEC 62321 -111/54/CDV, BY BOILING WATER EXTRACTION AND DETERMINED BY UV-VIS SPECTROPHOTOMETER	0.02mg/kg with 50cm <sup>2</sup> (IN TESTING SOLUTION)
POLYBROMINATED BIPHENYLS (PBBs) & POLYBROMINATED DIPHENYL ETHERS (PBDEs)	WITH REFERENCE TO IEC 62321 - 111/54/CDV, BY SOLVENT EXTRACTION AND DETERMINED BY GC/MS	5 ppm

NOTE: TESTS WERE CONDUCTED WITH REFERENCE TO 111/54/CDV VERSION 2006-05-05 WHICH IS STILL A DRAFT METHOD AND SUBJECT TO FUTURE CHANGES PRIOR TO PUBLICATION.

DATE SAMPLE RECEIVED : SEP.21, 2007

TESTING PERIOD : SEP.21, 2007 TO OCT.9, 2007

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TO BE CONTINUED



TEST REPORT

SAMPLE PHOTO



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END OF REPORT