



TEST REPORT

报告抬头

NUMBER: SZHJ88880000

Report from Intertek Testing Services Shekou Ltd.

APPLICANT: ABC ELECTRIC CO.,LTD
XX ROAD,XX CITY
XX TOWN,XX PROVINCE
ATTN WANG ZONG YANG
:

DATE: Dec 21, 2006

样品描述

SAMPLE DESCRIPTION:

ONE (1) SUBMITTED SAMPLE SAID TO BE **PCB.**

TESTED COMPONENTS : (a) copper metal on epoxy resin board
(b) green coatings on epoxy resin board
(c) epoxy resin board excluding coatings and copper metal

REFERENCE NO. : 88888

FACTORY : XX

COUNTRY OF ORIGIN : CHINA.

TESTS CONDUCTED:

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

AUTHORIZED BY:
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TESTS CONDUCTED

(A) TEST RESULT SUMMARY FOR RoHS DIRECTIVE :

测试结果

TESTING ITEM	RESULT		
	(a)	(b)	(c)
CADMIUM (Cd) CONTENT (ppm)	ND(<2)	ND(<2)	ND(<2)
LEAD (Pb) CONTENT (ppm)	ND(<2)	ND(<2)	ND(<2)
MERCURY (Hg) CONTENT (ppm)	ND(<2)	ND(<2)	ND(<2)
CHROMIUM (VI) (Cr ⁶⁺) CONTENT (ppm)	--	ND(<1)	ND(<1)
CHROMIUM (VI) (Cr ⁶⁺) CONTENT (µg/cm ²) (FOR METAL)	ND(<0.02)	--	--
POLYBROMINATED BIPHENYLS (PBBs)			
MONOBROMOBIPHENYL (MonoBB) (ppm)	--	ND(<5)	ND(<5)
DIBROMOBIPHENYL (DiBB) (ppm)	--	ND(<5)	ND(<5)
TRIBROMOBIPHENYL (TriBB) (ppm)	--	ND(<5)	ND(<5)
TETRABROMOBIPHENYL (TetraBB) (ppm)	--	ND(<5)	ND(<5)
PENTABROMOBIPHENYL (PentaBB) (ppm)	--	ND(<5)	ND(<5)
HEXABROMOBIPHENYL (HexaBB) (ppm)	--	ND(<5)	ND(<5)
HEPTABROMOBIPHENYL (HeptaBB) (ppm)	--	ND(<5)	ND(<5)
OCTABROMOBIPHENYL (OctaBB) (ppm)	--	ND(<5)	ND(<5)
NONABROMOBIPHENYL (NonaBB) (ppm)	--	ND(<5)	ND(<5)
DECABROMOBIPHENYL (DecaBB) (ppm)	--	ND(<5)	ND(<5)
POLYBROMINATED DIPHENYL ETHERS (PBDEs)			
MONOBROMODIPHENYL ETHER (MonoBDE) (ppm)	--	ND(<5)	ND(<5)
DIBROMODIPHENYL ETHER (DiBDE) (ppm)	--	ND(<5)	ND(<5)
TRIBROMODIPHENYL ETHER (TriBDE) (ppm)	--	ND(<5)	ND(<5)
TETRABROMODIPHENYL ETHER (TetraBDE) (ppm)	--	ND(<5)	ND(<5)
PENTABROMODIPHENYL ETHER (PentaBDE) (ppm)	--	ND(<5)	ND(<5)
HEXABROMODIPHENYL ETHER (HexaBDE) (ppm)	--	ND(<5)	ND(<5)
HEPTABROMODIPHENYL ETHER (HeptaBDE) (ppm)	--	ND(<5)	ND(<5)
OCTABROMODIPHENYL ETHER (OctaBDE) (ppm)	--	ND(<5)	ND(<5)
NONABROMODIPHENYL ETHER (NonaBDE) (ppm)	--	ND(<5)	ND(<5)
DECABROMODIPHENYL ETHER (DecaBDE) (ppm)	--	ND(<5)	ND(<5)

ppm = PARTS PER MILLION

< = LESS THAN

ND = NOT DETECTED

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



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TESTS CONDUCTED
(B) RoHS REQUIREMENT :

RoHS 限值

RESTRICTED SUBSTANCES	LIMITS
CADMIUM (Cd)	0.01% (100 ppm)
LEAD (Pb)	0.1% (1000 ppm)
MERCURY (Hg)	0.1% (1000 ppm)
CHROMIUM (VI) (Cr ⁶⁺)	0.1% (1000 ppm)
POLYBROMINATED BIPHENYLS (PBBs)	0.1% (1000 ppm)
POLYBROMINATED DIPHENYL EHTERS (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 :

测试方法

仪器检测限值

TESTING ITEM	TESTING METHOD	REPORTING LIMIT
CADMIUM (Cd) CONTENT	WITH REFERENCE TO BS EN1122 / US EPA 3050B/ US EPA3052, BY ACID DIGESTION AND DETERMINED BY ICP-OES	2 ppm
LEAD (Pb) CONTENT	WITH REFERENCE TO US EPA 3050B / US EPA 3052, BY ACID DIGESTION AND DETERMINED BY ICP - OES	2 ppm
MERCURY (Hg) CONTENT	WITH REFERENCE TO US EPA 3052, BY ACID DIGESTION AND DETERMINED BY ICP - OES	2 ppm
CHROMIUM (VI) (Cr ⁶⁺) CONTENT	WITH REFERENCE TO US EPA 3060A & 7196A, BY ALKALINE DIGESTION AND DETERMINED BY UV-VIS SPECTROPHOTOMETER	1 ppm
CHROMIUM (VI) (Cr ⁶⁺) CONTENT (FOR METAL)	WITH REFERENCE TO ISO3613, BY BOILING WATER EXTRACTION AND DETERMINED BY UV-VIS SPECTROPHOTOMETER	0.02µg/cm ²
POLYBROMINATED BIPHENYLS (PBB)& POLYBROMINATED DIPHENYL ETHERS (PBDE)	WITH REFERENCE TO US EPA 3540C, BY SOLVENT EXTRACTION AND DETERMINED BY GC/MS AND HPLC	5 ppm

DATE SAMPLE RECEIVED : xx.xx.2007

TESTING PERIOD : xx.xx. 2007 TO xx.xx. 2007

END OF REPORT