



TEST REPORT**NUMBER : DELC12004938****DATE : 05-Jul-2012**

APPLICANT : **HITECH INTERNATIONAL**
B-31, CHANDIGARH ROAD, BEANT
COLONY,, VILLAGE KULYAWAL, BACK SIDE
BLIND SCHOOL, FOCAL
POINT,, LUDHIANA, PUNJAB, INDIA, 141010
ATTN : **MUKUL SAREEN**

SAMPLE DESCRIPTION : THE SUBMITTED SAMPLE SAID TO BE VCI PAPER.
COLOUR : BROWN IN RED PRINTED
BASE MATERIAL/ RAW MATERIAL : -
RAW MATERIAL SUPPLIER : -
ARTICLE NO. / PART NO. : -
GRADE : -
BUYER'S NAME : -
MANUFACTURER'S NAME : -
DATE SAMPLE RECEIVED : 02 Jul 2012
STYLE NO. : -
TYPE : PAPER

TEST CONDUCTED: AS REQUESTED BY THE APPLICANT FOR RoHS Directive 2002/95/EC, FOR
DETAILS REFER TO ATTACHED PAGE(S).

REMARKS :

TEST HAS BEEN CONDUCTED ON PAPER PART ONLY AS REQUESTED BY APPLICANT.

PREPARED & CHECKED BY :
FOR INTERTEK INDIA PRIVATE LIMITED [GURGAON - C&H]



SHOBHIT SHRIVASTAV
LAB MANAGER

TEST REPORT

NUMBER : DELC12004938

DATE : 05-Jul-2012

TEST CONDUCTED:

A] TEST RESULTS SUMMARY OF HEAVY METALS FOR ROHS DIRECTIVE 2002/95/EC

<u>TESTING ITEM</u>	<u>RESULT in ppm</u>
CADMIUM (Cd) CONTENT IN PPM	ND (<2)
LEAD (Pb) CONTENT IN PPM	ND (<2)
MERCURY (Hg) CONTENT IN PPM	ND (<2)
CHROMIUM (VI) CONTENT (BY ALKALINE DIGESTION ON NON-METAL IN PPM)	ND (<2)

Remark: < = LESS THAN
ppm = PARTS PER MILLION
ND = NOT DETECTED

B] 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 AAS/ICP-OES	2 PPM
LEAD (Pb) CONTENT	WITH REFERENCE TO IEC 62321-111/54/CDV, BY ACID DIGESTION AND DETERMINED BY AAS/ICP-OES	2 PPM
MERCURY (Hg) CONTENT	WITH REFERENCE TO IEC 62321-111/54/CDV, BY ACID DIGESTION AND DETERMINED BY AAS/ICP-OES	2 PPM
CHROMIUM (VI) CONTENT (FOR NON-METAL)	WITH REFERENCE TO IEC 62321-111/54/CDV, BY ALKALINE DIGESTION AND DETERMINED BY UV-VIS SPECTROPHOTOMETER	2 PPM

NOTE: TESTS WERE CONDUCTED FOR Cr +6 WITH REFERENCE TO 111/54/CDV VERSION 2008.

C] RoHS REQUIREMENT:

RESTRICTED SUBSTANCES	LIMITS
CADMIUM (Cd) CONTENT	100 ppm
LEAD (Pb) CONTENT	1000 ppm (40000 ppm FOR BRASS/COPPER MATERIAL) (3500 ppm FOR STEEL) (4000 ppm FOR ALUMINIUM)
MERCURY (Hg) CONTENT	1000 ppm
CHROMIUM (VI) CONTENT	1000 ppm

TEST CONDUCTED:

A] TEST RESULT SUMMARY OF BROMINATED FLAME RETARDANTS FOR ROHS DIRECTIVE 2002/95/EC

<u>TESTING ITEM</u>	<u>RESULT in ppm</u>
POLYBROMINATED BIPHENYLS (PBBs) IN ppm	
MONOBROMOBIPHENYL (MonoBB)	ND (<5)
DIBROMOBIPHENYL (DiBB)	ND (<5)
TRIBROMOBIPHENYL (TriBB)	ND (<5)
TETRABROMOBIPHENYL (TetraBB)	ND (<5)
PENTABROMOBIPHENYL (PentaBB)	ND (<5)
HEXABROMOBIPHENYL (HexaBB)	ND (<5)
HEPTA BROMOBIPHENYL (HeptaBB)	ND (<5)
OCTABROMOBIPHENYL (OctaBB)	ND (<5)
NONA BROMOBIPHENYL (NonaBB)	ND (<5)
DECABROMOBIPHENYL (DecaBB)	ND (<5)
POLYBROMINATED DIPHENYL ETHERS (PBDEs) IN ppm	
MONOBROMODIPHENYL ETHER (MonoBDE)	ND (<5)
DIBROMODIPHENYL ETHER (DiBDE)	ND (<5)
TRIBROMODIPHENYL ETHER (TriBDE)	ND (<5)
TETRABROMODIPHENYL (TetraBDE)	ND (<5)
PENTABROMODIPHENYL ETHER (PentaBDE)	ND (<5)
HEXABROMODIPHENYL ETHER (HexaBDE)	ND (<5)
HEPTABROMODIPHENYL ETHER (HeptaBDE)	ND (<5)
OCTABROMODIPHENYL ETHER (OctaBDE)	ND (<5)
SUM OF NONABROMODIPHENYL ETHERS (NonaBDE)	ND (<5)
DECABROMODIPHENYL ETHER (DecaBDE)	ND (<5)

B] TEST METHOD:

TESTING ITEM	TESTING METHOD	REPORTING LIMIT
POLYBROMINATED BIPHENYLS (PBB) & POLYBROMINATED DIPHENYL ETHERS (PBDE)	WITH REFERENCE TO IEC 62321 -111/95/CDV, BY SOLVENT EXTRACTION AND DETERMINED BY GC/MS AND FURTHER HPLC CONFIRMATION WHEN NECESSARY	5 PPM

C] ROHS REQUIREMENT:

RESTRICTED SUBSTANCES	LIMITS
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.

END OF THE TEST REPORT