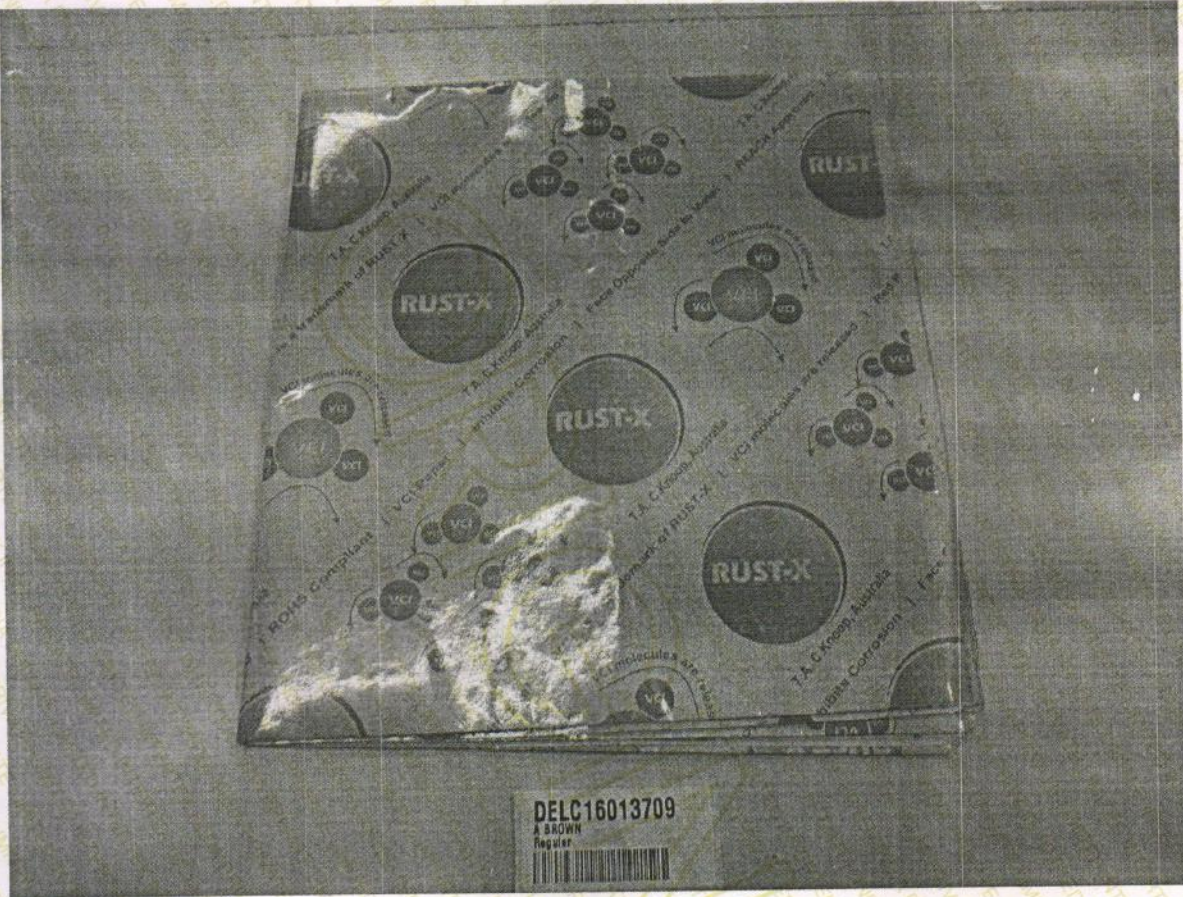


Intertek

Report Number :

DELCL6013709



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DL-A/No. - 061429/16

APPLICANT : HI TECH INTERNATIONAL
B-31 OPP. POWER HOUSE, JAMALPUR,
CHANDIGARH ROAD,, LUDHIANA, PUNJAB,
141010, INDIA
ATTN : SIDHARTH

SAMPLE DESCRIPTION : THE SUBMITTED SAMPLE SAID TO BE VCI PAPER.
COLOUR : BROWN
BASE MATERIAL/ RAW MATERIAL : -
RAW MATERIAL SUPPLIER : -
ARTICLE NO. / PART NO. : -
GRADE : -
BUYER'S NAME : HI-TECH
MANUFACTURER'S NAME : -
DATE SAMPLE RECEIVED : 21 Jun 2016
STYLE NO. : -
TYPE : -

TEST CONDUCTED: AS REQUESTED BY THE APPLICANT ROHS DIRECTIVE 2011/65/EU FOR DETAILS
REFER TO ATTACHED PAGE(S).

AUTHORIZED BY
FOR INTERTEK INDIA PRIVATE LIMITED [ANALYTICAL - GURGAON]


PRAVIN MORE
LAB MANAGER

TEST CONDUCTED:

A) TEST RESULTS SUMMARY OF HEAVY METALS FOR ROHS DIRECTIVE 2011/65/EU

TESTING ITEM	RESULT in ppm
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
 ND = NOT DETECTED
 PPM = PARTS PER MILLION

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

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 REPORT

TEST CONDUCTED:

A] TEST RESULT SUMMARY OF BROMINATED FLAME RETARDANTS FOR ROHS DIRECTIVE 2011/65/EU

TESTING ITEM	RESULT in ppm
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)

< = LESS THAN

ND = NOT DETECTED

PPM = PARTS PER MILLION

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

This report is made solely on the basis of your instructions and/or information and materials supplied by you. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Addressee in respect of this report and only accepts liability to the Addressee insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute.

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