

**测试报告** No. CANEC1111532101 日期: 2011年12月08日 第1页,共7页

深圳市泰新伟业电子有限公司 中国深圳市龙岗区布吉街道上雪村金鹏工业区熙骏大厦六楼

以下测试之样品是由申请者所提供及确认:变压器CGI320(材料)

SGS工作编号: CP11-011555 - SZ

测试样品信息: CGI320

客户参考信息: M350-G350、EI28-EI96、2W-500W

样品接收日期: 2011年12月05日

测试周期: 2011年12月05日 - 2011年12月08日

测试要求: 根据客户要求测试

测试方法: 请参见下一页 测试结果: 请参见下一页

通标标准技术服务有限公司 授权签名

Kenny Wang王伟利

批准签署人

备注: 根据客户申请, SGS出具了此中文报告, 英文版本可根据客户要求提供. (The Chinese test report is issued according to the applicant's request. The English version is available from SGS if further needed)

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测试结果:

#### 样品部件外观描述:

样品编号	SGS样品ID	描述
1	CAN11-115321.001	白色塑料(半成品)
2	CAN11-115321.002	带粘性的黄色塑料带(半成品)
3	CAN11-115321.003	带深灰色氧化表面的金属片(半成品)
4	CAN11-115321.004	带透明表层的铜色金属线(半成品)
5	CAN11-115321.005	银色电镀金属线(半成品)

#### 备注:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = 检测极限值
- (3) ND = 未检出 ( < MDL )
- (4) "-" = 未规定

#### 元素分析 和阻燃剂

测试方法: 参考IEC 62321:2008:

(1) 用ICP-OES测定镉的含量.(2) 用ICP-OES测定铅的含量.(3) 用ICP-OES测定汞的含量.

(4) 用点测试法/紫外-可见分光光度计比色法测定六价铬的含量. (5) 用GC-MS测定PBBs(多溴联苯)和PBDEs(多溴二苯醚) 的含量

<u>测试项目</u>	<u>单位</u>	<u>MDL</u>	<u>001</u>	<u>002</u>	<u>004</u>
镉(Cd)	mg/kg	2	ND	ND	ND
铅(Pb)	mg/kg	2	ND	ND	ND
汞(Hg)	mg/kg	2	ND	ND	ND
六价铬(Cr(VI))	mg/kg	2	ND	ND	ND
多溴联苯之和(PBBs)	mg/kg	-	ND	ND	
一溴联苯	mg/kg	5	ND	ND	
二溴联苯	mg/kg	5	ND	ND	
三溴联苯	mg/kg	5	ND	ND	
四溴联苯	mg/kg	5	ND	ND	
五溴联苯	mg/kg	5	ND	ND	
六溴联苯	mg/kg	5	ND	ND	
七溴联苯	mg/kg	5	ND	ND	

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<u>测试项目</u>	<u>单位</u>	<u>MDL</u>	<u>001</u>	<u>002</u>	<u>004</u>
八溴联苯	mg/kg	5	ND	ND	
九溴联苯	mg/kg	5	ND	ND	
十溴联苯	mg/kg	5	ND	ND	
多溴二苯醚之和(PBDEs)	mg/kg	-	ND	ND	
一溴二苯醚	mg/kg	5	ND	ND	
二溴二苯醚	mg/kg	5	ND	ND	
三溴二苯醚	mg/kg	5	ND	ND	
四溴二苯醚	mg/kg	5	ND	ND	
五溴二苯醚	mg/kg	5	ND	ND	
六溴二苯醚	mg/kg	5	ND	ND	
七溴二苯醚	mg/kg	5	ND	ND	
八溴二苯醚	mg/kg	5	ND	ND	
九溴二苯醚	mg/kg	5	ND	ND	
十溴二苯醚	mg/kg	5	ND	ND	

## 元素分析

测试方法: 参考IEC 62321:2008:

(1)用ICP-OES测定镉的含量. (2)用ICP-OES测定铅的含量. (3)用ICP-OES测定汞的含量.

(4)用点测试法/紫外-可见分光光度计比色法测定六价铬的含量.

测试项目	<u>单位</u>	<u>MDL</u>	<u>003</u>	<u>005</u>
镉(Cd)	mg/kg	2	ND	ND
铅(Pb)	mg/kg	2	ND	9
汞(Hg)	mg/kg	2	ND	ND
六价铬(Cr(VI))	-	$\Diamond$	Negative	Negative

#### 备注:

(1) ◇ =a. Negative为未检测到六价铬;

b. Positive 为检测到六价铬.

针对金属表面的防腐涂层: 由于未获知样品的存储条件和生产日期, 样品的六价铬测试结果仅代表测试时样品的状态.

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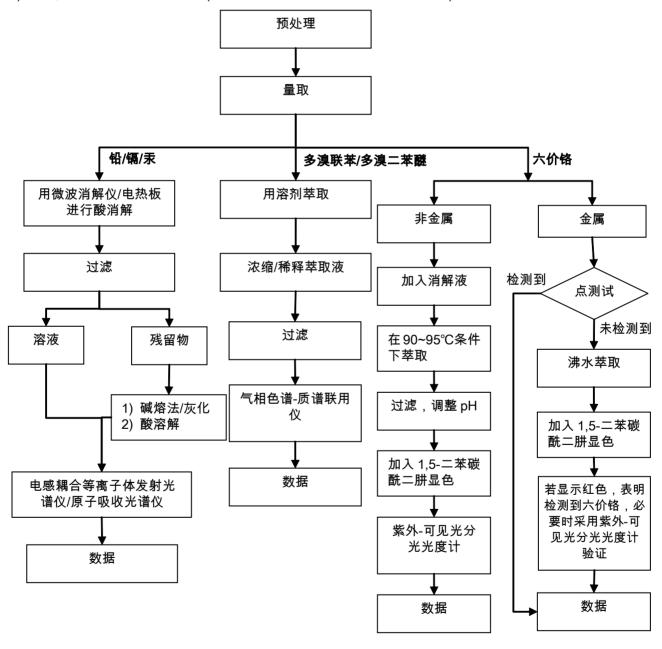
## 附件

## RoHS 测试流程图

1) 分析人员:汪丹/余晓璐/詹达琦

2) 项目负责人:余奕东/杨伟兴

3) 样品按照下述流程被完全消解(六价铬和多溴联苯/多溴二苯醚测试除外)。



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