



检测报告 Test Report

报告抬头公司名称
Company Name
shown on Report

四川普瑞森电子有限公司
SI CHUAN PRECISION ELECTONIC CO.,LTD.

地 址 Address

四川省遂宁市创新工业园区明星大道 323 号
NO323,MINGXING AVENUE CHUANGXIN
INDUSTRIAL PARK,SUINING,SICHUAN

样 品 接 收 日 期
Sample(s) received date

2022.03.01/Mar. 1, 2022

样 品 检 测 日 期
Sample(s) testing period

2022.03.01-2022.03.08/Mar. 1, 2022 to Mar. 8, 2022

上海华测品标检测技术有限公司
Centre Testing International Pinbiao(Shanghai) Co., Ltd.

上海市闵行区万芳路 1351 号
No. 1351 Wanfang Road, Minhang District, Shanghai



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样品信息 (样品及样品信息由申请方提供并确认)

Submitted sample(s) said to be (Sample(s) and its/their information are provided by the applicant)

样品名称 Sample Name 印制线路板 Printed circuit board
样品接收日期 Sample Received Date 2022.03.01/Mar. 1, 2022
样品检测日期 Testing Period 2022.03.01-2022.03.08/Mar. 1, 2022 to Mar. 8, 2022

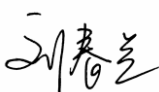
检测要求

根据客户要求, 检测所提交样品中是否含有石棉。

Test Requested

As specified by the client, to identify if there is asbestos in submitted sample(s).

批 准
Approved by



刘春兰
实验室负责人
Lab Manager

日 期
Date

2022.03.08

No. R396661497

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Page 3 of 6**检测方法 Test Method(s)**

测试项目 Tested Item	测试方法 Test Method	测试仪器 Tested Equipment(s)
石棉 Asbestos	GB/T 23263-2009	PLM+XRD

检测结果 Test Result(s)

样品序号 Sample No.	样品描述 Sample Description	物质 Substances	测试结果 Results
1	PCB (整体测试) PCB (Tested as a whole)	温石棉 Chrysotile	未检出 N.A.D.
		蓝石棉 Crocidolite	未检出 N.A.D.
		铁石棉 Amosite	未检出 N.A.D.
		透闪石 Tremolite/ 阳起石 Actinolite	未检出 N.A.D.
		直闪石 Anthophyllite	未检出 N.A.D.

备注:

-未检出 = 未检出石棉, 未发现任何石棉成分 (< 0.1%)

Remark:

-N.A.D. = No Asbestos Detected (< 0.1%)

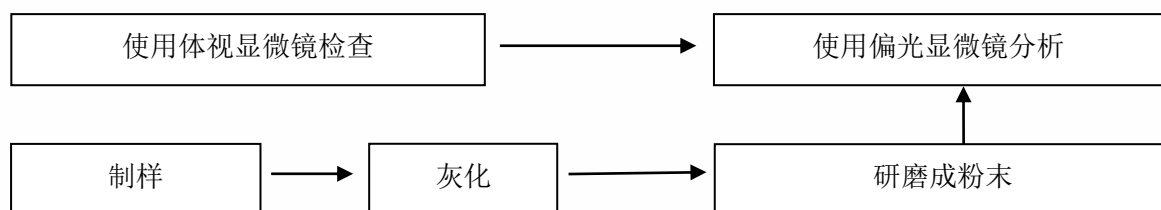
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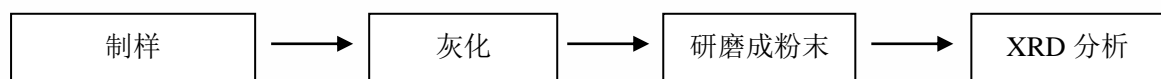
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检测流程

PLM

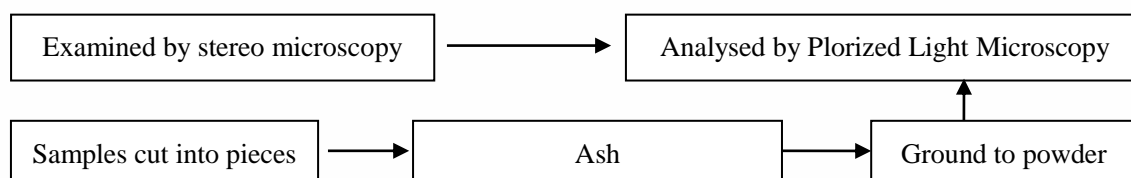


XRD

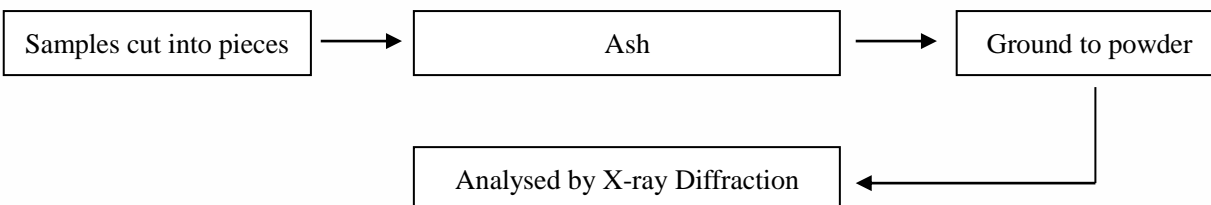


Test Process

PLM



XRD



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说明 Explanation

- 检出限：对于样品中纤维或者纤维束的检出及分辨能力定义为该方法的检出限。对于本方法来说，经过适当的前处理步骤后，实验室检出限能够达到 0.1%。
- The limit of detection of this method is defined as the detection and identification of one fibre or fibre bundle in the amount of sample examined. With appropriate matrix reduction procedures that are tailored to the nature of the sample, the limit of detection can be 0.1%.
- 针对含有经过研磨处理的石棉纤维或者纤维体积（长度、直径）过小的制品，使用偏光显微镜(PLM)方法很难发现其中的石棉纤维的存在。
- Even after disintegration it can be very difficult, or impossible, to detect the presence of asbestos in some asbestos-containing bulk materials using polarized light microscopy. These materials often contain milled asbestos with too small fibre diameter and length to be detected.
- XRD 无法区分被分析样品的形态。当样品中同时含有蛇纹石矿物（或角闪石矿物）与蛇纹石类石棉（或角闪石类石棉），使用 XRD 无法分辨其中的纤维与非纤维成分。
- X-ray diffraction analysis cannot discriminate the particle shape in analytical sample and detects not only asbestos of fibrous form but also non-fibrous minerals related to asbestos such as serpentine minerals and/or amphibole minerals if they coexist.
- 华测检测石棉检测中心按照国际标准建立了严格的质量监督和质量保证程序，并定期参加英国 AIMS*能力比对计划（一年三次）以验证实验室的检测能力。
- CTI Asbestos Testing Center has established strict quality assurance and supervision procedures in accordance with international standard. And the laboratory participates in the AIMS* every year (three times per year) to confirm our proficiency.
- *AIMS 是一项国际实验室间针对材料中石棉检测的能力比对计划，它是由代表英国职业健康安全委员会（HSE）的职业健康安全实验室（HSL）组织举办的。
- *The Asbestos in Materials Scheme (AIMS) is an international inter-laboratory testing scheme, and it is managed by the Health and Safety Laboratory (HSL) which on behalf of the Health and Safety Executive (HSE) of UK.

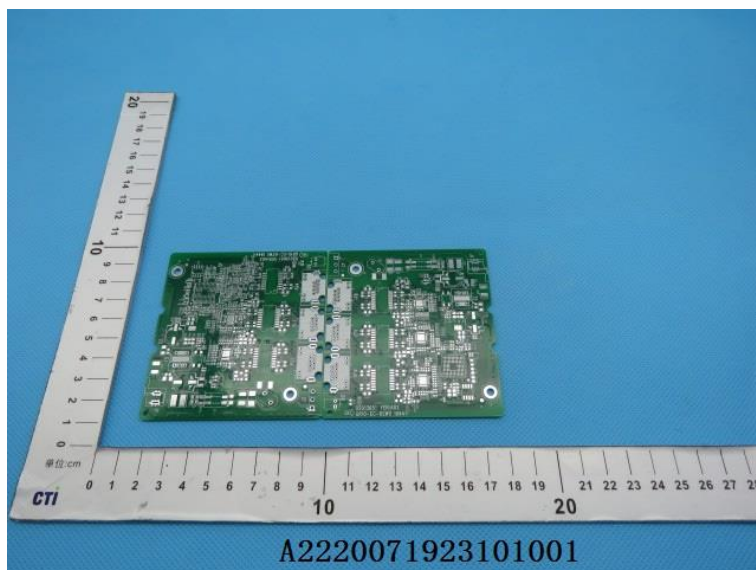
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样品照片 Photo of the Sample(s)



声明 Statement: :

1. 检测报告无批准人签字、“专用章”及报告骑缝章无效;

This report is considered invalidated without approval signature, special seal and the seal on the Perforation;

2. 报告抬头公司名称及地址、样品及样品信息由申请者提供, 申请者应对其真实性负责, CTI 未核实其真实性;

The Company Name shown on Report and Address, the sample(s) and sample Information was/were provided by the client who should be responsible for the authenticity which CTI hasn't verified;

3. 本报告检测结果仅对受测样品负责;

The result(s) shown in this report refer(s) only to the sample(s) tested;

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In case of any discrepancy between the English version and Chinese version of the testing reports (if generated), the Chinese version shall prevail.

*** 报告结束 End of report ***