

您的产品是否符合 RoHS 指令?

Did you Comply with RoHS?

绿色验货的目的

- 模拟海关的清关扫描分析;
- 通过抽样检测, 确保产品顺利出货;
- 通过快速、经济的方法, 复检产品中的高风险点。

内容和范围

- 测试下列元素的总含量: Cd, Pb, Hg, Cr 和 Br;
- 使用非破坏性的方法;
- 使用便携式的 XRF 扫描仪;
- 测试样品涵盖: 原材料, 元器件和电子电器成品。

扫描部分

- 大表面积的样品
扫描的样品一般为外露的、面积较大的部件, 如显示器、监控器的塑料外壳、较厚宽的带子、金属合金等等。
- 小表面积的样品
塑料包装、独立的较大焊点、独立的聚合物或树脂材质的元器件。
- 混合样品
PCBA 板上的电子元件
- 带镀层、涂层和印刷层的样品

绿色验货能帮到您什么

- 出货的风险管控
- 快速、安全、易于操作
- 经济、高效
- 监控加工和生产过程的一个有效方法

扫描限量的判定 Screening Limits

参考标准: IEC 62321, CDV (Ref. IEC 62321, CDV)

元素 Element	聚合物材料 Polymer Materials	金属材料 Metallic Materials	复合材料 Composite Materials
Cd	$P \leq (70-3 \sigma) < X < (130+3 \sigma) \leq F$	$P \leq (70-3 \sigma) < X < (130+3 \sigma) \leq F$	$LOD < X < (150+3 \sigma) \leq F$
Pb	$P \leq (700-3 \sigma) < X < (1300+3 \sigma) \leq F$	$P \leq (700-3 \sigma) < X < (1300+3 \sigma) \leq F$	$P \leq (500-3 \sigma) < X < (1500+3 \sigma) \leq F$
Hg	$P \leq (700-3 \sigma) < X < (1300+3 \sigma) \leq F$	$P \leq (700-3 \sigma) < X < (1300+3 \sigma) \leq F$	$P \leq (500-3 \sigma) < X < (1500+3 \sigma) \leq F$
Br	$P \leq (300-3 \sigma) < X$		$P \leq (250-3 \sigma) < X$
Cr	$P \leq (700-3 \sigma) < X$	$P \leq (700-3 \sigma) < X$	$P \leq (500-3 \sigma) < X$

谁适合选用该项服务

- 买家和供应商
- 生产厂商
- 进出口贸易商

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The Green Inspection Program

- Screening analysis to stimulate custom official
- Assurance for shipment by sampling and checking
- Double check high risk material by fast, economical approach

contents and Scope

- Test on total Pb, Cd, Hg, Cr and Br
- By non-destructive means
- Using portable XRF
- Raw materials, components and electronic & electrical products

Parts scanned

- Large Surface Area Samples

Large, extended plastic objects such as CRT monitor cases, plastic enclosures, thick tapes, metal alloys, etc

■ Small Surface Area Samples

Plastic encapsulation, individual soldering lead, or isolated area of polymer/epoxy

■ Mixed Samples

Electronic components on PCBA

■ Plating, Coating and Printing Samples

What Green Inspection Can Do?

- Risk Management for each shipment
- Fast, safe, easy to operate
- Economical & Efficient
- A effective way to monitor manufacture process

Who are the Potential Users?

- Buyer & Supplier
- Manufacturer
- Import and Export trader

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WHEN YOU NEED TO BE SURE

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