



測試報告 Test Report

號碼(No.): CE/2011/90917

日期(Date): 2011/09/20

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巨室工業股份有限公司

JU LI INDUSTRIAL CO., LTD.

台中市太平區興隆路一段70巷86號

NO. 86, LANE 70, SEC. 1, SINGLONG RD., TAIPING DISTRICT, TAICHUNG CITY 411, TAIWAN



以下測試樣品係由客戶送樣，且由客戶聲稱並經客戶確認如下 (The following samples was/were submitted and identified by/on behalf of the client as):

樣品名稱(Sample Description) : 線+鍍電鍍
收件日期(Sample Receiving Date) : 2011/09/06
測試期間(Testing Period) : 2011/09/06 TO 2011/09/20

測試需求(Test Requested) : 參照RoHS 2011/65/EU Annex II 指令要求。(In accordance with the RoHS Directive 2011/65/EU Annex II).

測試結果(Test Results) : 請見下一頁 (Please refer to next pages).

結論(Conclusion) : 根據客戶所選擇的部位測試，其鎘、鉛、汞及六價鉻的測試結果符合RoHS指令2002/95/EC的更新指令2011/65/EU指令之要求 (Based on the performed tests on selected part of submitted sample(s), the test results of Cadmium, Lead, Mercury and Hexavalent Chromium Cr(VI) comply with the limits as set by RoHS Directive 2011/65/EU Annex II; recasting 2002/95/EC.)

From NECO - Surface Finishing Supplier



Nicole Chen, Supervisor
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory - Taipei



NECO TECHNOLOGY INDUSTRY CO., LTD.

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NO. 86, LANE 70, SEC 1, SINGLONG RD., TAIPING DISTRICT, TAICHUNG CITY 411, TAIWAN



測試結果(Test Results)

測試部位(PART NAME)No.1 : 銀色金屬鍍層 (PLATING LAYER OF SILVER COLORED METAL)

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	方法偵測 極限值 (MDL)	結果 (Result)	法規 限值 (Limit)
				No.1	
鎘 / Cadmium (Cd)	mg/kg	酸洗脫鍍層, 參考IEC 62321: 2008方法, 以感應耦合電漿原子發射光譜儀檢測。 / IEC 62321: 2008 application of modified digestion by surface etching and performed by ICP-AES.	2	n.d.	100
鉛 / Lead (Pb)	mg/kg		2	n.d.	1000
汞 / Mercury (Hg)	mg/kg		2	n.d.	1000
六價鉻 / Hexavalent Chromium Cr(VI)	**	參考IEC 62321: 2008方法, 以沸水萃取法 檢測。 / With reference to IEC 62321: 2008 and performed by Boiling water extraction Method.#	#	Negative	#

備註(Note):

1. mg/kg = ppm; 0.1wt% = 1000ppm
2. n.d. = Not Detected (未檢出)
3. MDL = Method Detection Limit (方法偵測極限值)
4. ** = Qualitative analysis (No Unit) 定性分析(無單位)
5. # = a. Positive means the presence of Cr(VI) on the tested areas
(Positive表示測試區域偵測到六價鉻)
b. Negative means the absence of Cr(VI) on the tested areas
(Negative表示測試區域未偵測到六價鉻)

The detected concentration in boiling-water-extraction solution is equal or greater than 0.02 mg/kg with 50 cm² tested areas. / 該溶液濃度 \geq 0.02 mg/kg with 50 cm² (tested areas)

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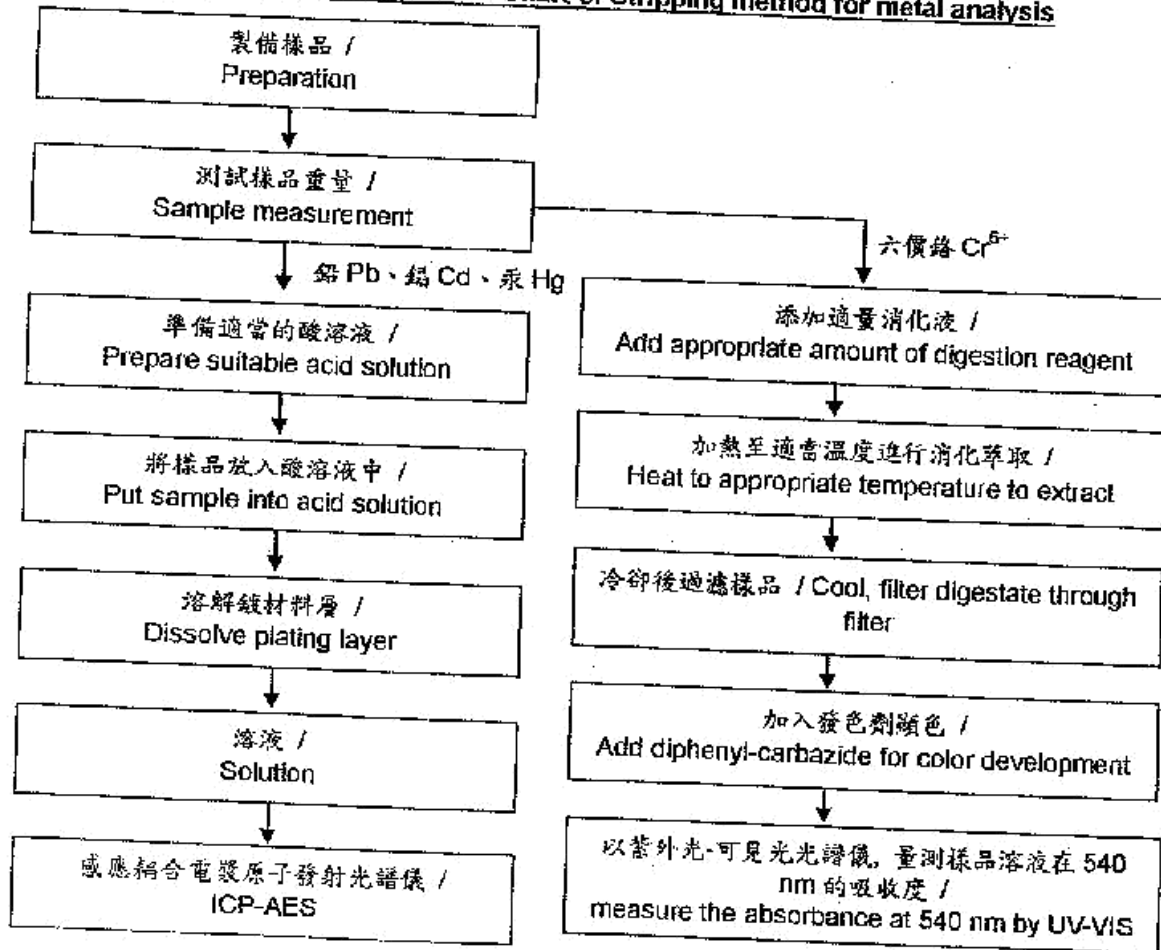
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- 1) 根據以下的流程圖之條件，樣品之外部鍍層已完全溶解。(六價鉻測試方法除外) / The plating layer of samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr^{6+} test method excluded)
- 2) 測試人員：楊登偉 / Name of the person who made measurement: Climhgreat Yang
- 3) 測試負責人：張啓興 / Name of the person in charge of measurement: Troy Chang

鍍層重金屬測試流程圖 / Flow Chart of Stripping method for metal analysis



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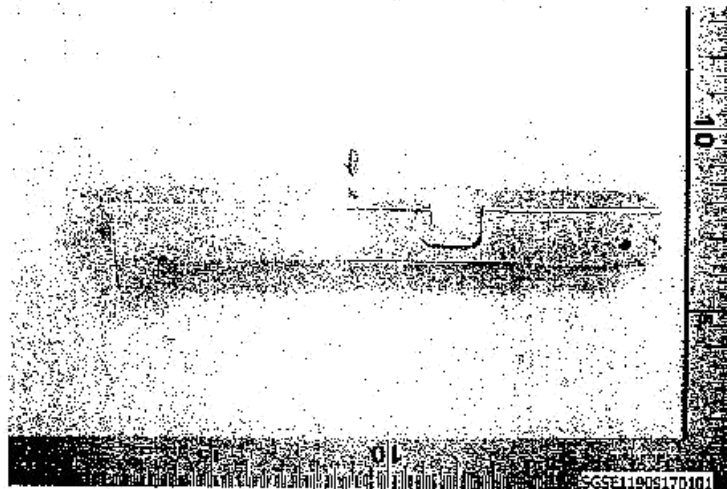
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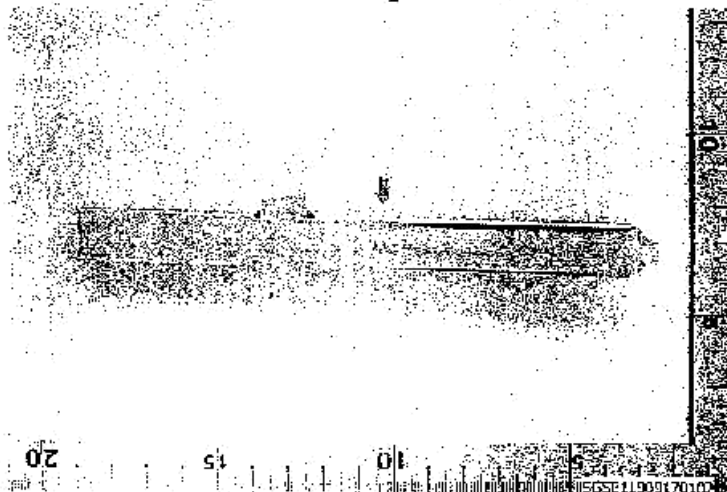
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THE QUALITY MANAGEMENT SYSTEM CERTIFICATION

CE/2011/90917



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**** 報告結尾 (End of Report) ****

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