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昶晃工業股份有限公司

SHINE INDUSTRIAL CO., LTD.

彰化縣秀水鄉曾厝村秀中街49巷10號

10, LANE 49, HSIU-CHUNG STREET, TSENG-TSUO HSIU-SHUI, CHANG-HUA, TAIWAN

以下測試樣品係由申請廠商所提供及確認 (The following sample(s) was/were submitted and identified by/on behalf of the applicant as):

送樣廢商(Sample Submitted By) : 昶晃工業股份有限公司 (SHINE INDUSTRIAL CO., LTD.)

樣品名稱(Sample Description)

: AP AXLE (AP 軸心)

收件日期(Sample Receiving Date)

: 2014/03/07

測試期間(Testing Period)

: 2014/03/07 TO 2014/03/14

依據客户要求,參考RoHS 2011/65/EU Annex II 指令進行鍋,鉛,汞,六價鉻測試. 測試需求(Test Requested):

(As specified by client, with reference to RoHS Directive 2011/65/EU Annex II to determine Cadmium, Lead, Mercury, Cr(VI) contents in the submitted

sample.)

測試方法(Test Method)

請見下一頁 (Please refer to next pages).

測試結果(Test Results)

請見下一頁 (Please refer to next pages).

From NECO-Surface Finishing Supplier







NECO TECHNOLOGY INDUSTRY CO.,LTD.

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TW83013069



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10, LANE 49, HSIU-CHUNG STREET, TSENG-TSUO HSIU-SHUI, CHANG-HUA, 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 極限値 (MDL)	结果 (Result) No.1
缟 / Cadmium (Cd)	mg/kg	酸洗脱鍍層,參考IEC 62321-5: 2013方法, 以感應耦合電漿原子發射光譜儀檢測./ IEC 62321-5: 2013 application of modified digestion by surface etching and performed by ICP-AES.	2	n.d.
鉛 / Lead (Pb)	mg/kg	酸洗脱鍍層,參考IEC 62321-5: 2013方法, 以感應耦合電漿原子發射光譜儀檢測./ IEC 62321-5: 2013 application of modified digestion by surface etching and performed by ICP-AES.	2	60
汞 / Mercury (Hg)	mg/kg	酸洗脱鍍層,參考IEC 62321-4: 2013方法, 以感應耦合電漿原子發射光譜儀檢測./ IEC 62321-4: 2013 application of modified digestion by surface etching and performed by ICP-AES.	2	n.d.
六價鉻 / Hexavalent Chromium Cr(VI)	* **	参考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

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備註(Note):

- 1. mg/kg = ppm ; 0.1wt% = 1000ppm
- 2. n.d. = Not Detected (未檢出)
- 3. MDL = Method Detection Limit (方法偵測極限値)
- 4. **= Qualitative analysis (No Unit) 定性分析(無單位)
- 5. # = a. Positive means the presence of CrVI on the tested areas (Positive表示測試區域偵測到六價鉻)
 - b. Negative means the absence of CrVI 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≥0.02 mg/kg with 50 cm² (tested areas)

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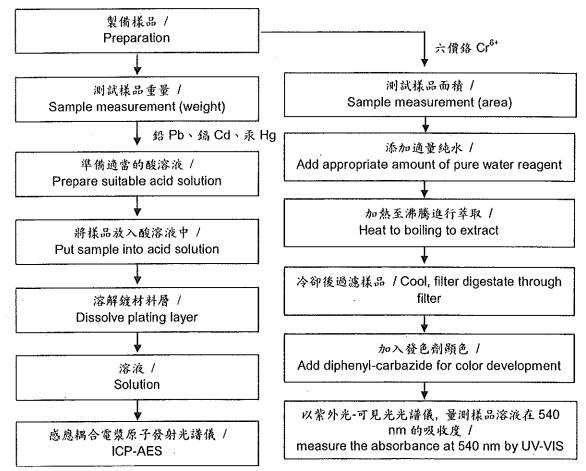
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根據以下的流程圖之條件,樣品之外部鍍層已完全溶解。(六價鉻測試方法除外)/ The plating layer of samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr6+ test method excluded)

- 测試人員:楊登偉 / Name of the person who made measurement: Climbgreat Yang
- 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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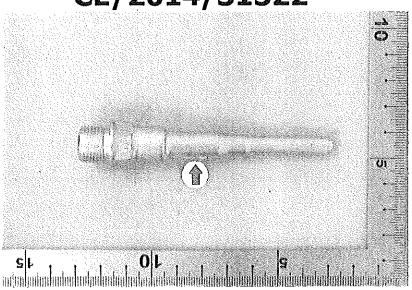
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* 照片中如有箭頭標示,則表示為實際檢測之樣品/部位. * (The tested sample / part is marked by an arrow if it's shown on the photo.)

CE/2014/31322



** 報告結尾 (End of Report) **

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