

Test Report No.: 0114072029k 001		Seite 1 von 2 Page 1 of 2								
報告號碼:										
Client: 委託客戶:	TANG ENG IRON WORKS CO., LTD./唐榮鐵工廠股份有限公司 No 4. Yanhai 2nd Rd., Hsiao Kang, Kaohsiung 81260, Taiwan, R.O.C. 台灣 高雄市小港區 81260 沿海二路 4 號									
Test Item: 測試樣品:	1 metal, metallic / 金屬, 金屬色									
Identification: 品名型號:	不銹鋼 Stainless Steel / 316L (S4740)									
Delivery condition: 送達狀況:	apparent good/外觀良好	Date of Receipt: 2017-12-05 到件日期 (年.月.日):								
Testing location: 測試地點:	TÜV Rheinland Hong Kong Ltd.									
Test specification: 測試項目:	Testing according to customers specification for the following parameters: Nickel Release / 鎳釋出量									
Test result: 測試結果:	The test results are the measurements, stated in the test report / 請參照測試報告									
tested by / 測試人員:  checked by: / 查核人員: 										
<table border="0" style="width: 100%;"><tr><td style="width: 50%; vertical-align: top;">2017-12-27 Anne Chen /Coordinator</td><td style="width: 50%; vertical-align: top;">2017-12-27 Carl Chang /Department Manager</td></tr><tr><td style="text-align: center;">Date 日期</td><td style="text-align: center;">Date 日期</td></tr><tr><td style="text-align: center;">Name/Position 姓名/職稱</td><td style="text-align: center;">Name/Position 姓名/職稱</td></tr><tr><td style="text-align: center;">Signature 簽名</td><td style="text-align: center;">Signature 簽名</td></tr></table>			2017-12-27 Anne Chen /Coordinator	2017-12-27 Carl Chang /Department Manager	Date 日期	Date 日期	Name/Position 姓名/職稱	Name/Position 姓名/職稱	Signature 簽名	Signature 簽名
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Other Aspects: / 其他: Test period/ 測試時間: 2017-12-05 – 2017-12-27										
<table border="0" style="width: 100%;"><tr><td style="width: 50%; vertical-align: top;">Abbreviations: ok / P = passed (合格) fail / F = failed (不合格) n.a. / N = not applicable (不適用)</td><td style="width: 50%; vertical-align: top;">說明: ok / P = 合格 fail / F = 不合格 n.a. / N = 不適用</td></tr></table>			Abbreviations: ok / P = passed (合格) fail / F = failed (不合格) n.a. / N = not applicable (不適用)	說明: ok / P = 合格 fail / F = 不合格 n.a. / N = 不適用						
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This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products. 此份測試報告只涉及上述測試樣品。未經測試單位許可不可摘要複製報告。此份報告並無授權任何安全標章的使用於此測試產品或相似產品。										



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Customer/公司名稱 : TANG ENG IRON WORKS CO., LTD./唐榮鐵工廠股份有限公司
Test Method/測試方法 : Nickel release/鎳釋出量 - according to EN 1811:2011 + A1:2015

Sample/樣品明細

Material/材質
Lab.-No./實驗室編號

				不銹鋼 Stainless Steel / 316L (S4740) metal, metallic / 金屬, 金屬色 TCL171205-12	Regulatory requirement/ 法規要求 ($\mu\text{g}/\text{cm}^2/\text{week}$)
Trial	Surface area (cm^2)	Test solution volume (ml)	Dilution volume (ml)	Nickel released/鎳釋出量 ($\mu\text{g}/\text{cm}^2/\text{week}$)	0.5 / 0.2
1	49.36	50	100	<0.05	
2	49.36	50	100	<0.05	
3	49.36	50	100	<0.05	

Remark/備註:

Directive/指令	Item/項目	Maximum Permissible Limit/ 可允許之最大值 ($\mu\text{g}/\text{cm}^2/\text{week}$ of nickel migration)
REACH Regulation (EC) No. 1907/2006 and amendment (EC) No. 552/2009 Annex XVII Item 27 (formerly known as 94/27/EC and 2004/96/EC)	Products intended to come into direct and prolonged contact with skin	0.5
	All post assemblies which are inserted into pierced ears and other pierced parts of the human body	0.2

*1 The sample of trial 1, 2 and 3 were tested according to EN 1811:2011 + A1: 2015

Test Sample/測試樣品



--- End of Test-Report / 此報告結束---