



No. 059

Hong Kong Productivity Council – Materials Technology Division, Materials Testing Laboratory

香港生產力促進局 – 材料科技部，材料測試實驗室

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CLIENTELE : Public
服務對象 : 公眾

ACCREDITED TEST CATEGORIES : Chemical Testing 化學測試
認可測試類別 : Physical and Mechanical Testing 物理及機械測試

SCOPE OF ACCREDITATION : As shown on the following pages 詳見後頁
認可範圍

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TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
CHEMICAL TESTING 化學測試	Gold and gold alloys	Fineness	ISO 11426 : 1997
	Silver and silver alloys	Fineness	ISO 11427 : 1993
	Platinum and platinum alloys	Fineness	In-house Method CMD02 (ICP Emission Spectrometry)
	Metal finished products	Resistance to corrosion	ASTM B117-2007
	Steel	Total carbon	ASTM E1019-2003 Infrared (IR) Absorption Method A (0.005 to 0.1%)
Sulphur		ASTM E1019-2003, Method A (0.01 to 0.10%) Combustion-Infrared Absorption Method (Calibration with metal standards) :	
Chromium, Nickel, Phosphorus, Molybdenum, Magnesium, Silicon		In-house Method CMD01 (Spark-ablation ICP emission spectrometry)	

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PHYSICAL and MECHANICAL TESTING 物理及機械測試	Metal finished products	Plating thickness : i) X-ray fluorescence ii) Microscopical examination of cross section	ASTM B568-98 (Reapproved 2004) ASTM B487-85 (Reapproved 2007)