

**Productivity and environmental performance data before and after automation of spray painting:**

Items	Before innovation	After innovation	Improvement
Paint usage:			
Scale top cover	13.3 g / piece	11.3g / piece	-15%
Load cell housing	3.03 g / piece	2.58 g / piece	-15%
Manpower requirement Workers / hour	8	8	0 (Kept & unchanged)
Environmental impact	Potential Air Pollution	Fume absorbed by re-cycled facilities	Meet with DB44/27-2001 Standard
Productivity enhanced:			
Scale top cover	105 pieces / hour	280 pieces / hour	+167%
Load cell housing	250 pieces / hour	1606 piece / hour	+542%
Quality passed rate Enhanced	80.0 – 91.0%	97.0 – 99.5%	+ 6.0% or above

**噴油自動化前後的生產及環保表現數據:**

實際項目	革新前	革新後	得益
耗油量: 磅蓋	13.3 克 / 個	11.3 克 / 個	-15%
傳感器組件	3.03 克 / 個	2.58 克 / 個	-15%
人力需求:	8 人操作/時	8 人操作/時	保持不變
環境影響:	可能潛在空氣污染	廢氣經水濺櫃後處理 排放	達到 DB44/27-2001 法 規
生產力: 磅蓋	105 個 / 時	280 個 / 時	+167%
傳感器組件	250 個 / 時	1606 個 / 時	+542%
品質合格率	80.0 – 91.0%	97.0 – 99.5%	+ 6.0% 或以上