

實施員工建議

提升服務效率

Staff Suggestions

Boost Service Efficiency



檢測裝置由我們致力提供優質服務的工作團隊研發。
The tester was developed by our dedicated working team.

機電工程署最近實施兩項透過員工建議書計劃提出的建議，大大提高對主要客戶的服務質素。這兩份得獎建議書不但展示了機電工程署員工的卓越才能和創新精神，也彰顯了員工建議書計劃的成效。該計劃在1993年成立，目的是推動員工提出構思和建議，以提升我們的服務效率。

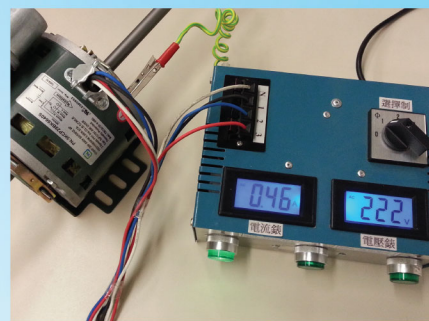
香港警察總部大樓有超過3,000部盤管風機，這些風機所裝設的電動機達4,000多個。逐一就每個電動機重複進行速度測試，不但冗長費時，更有潛在危險，但有關測試工作卻是進行預防性保養及緊急維修時必不可少的。

就此，我們的空氣調節督察率領員工，建議簡化測試程序。同事利用循環再造的工場物料研製了一部檢測裝置，讓工作人員只需進行一個程序，即可對電動機的不同段速作出測試。新的檢測裝置把每個電動機總共所需的測試時間，由15分鐘縮減至5分鐘，大大節省時間和

員工開支。檢測裝置的成本不高，簡化後的工序亦更為安全。

在另一份得獎建議書中，由高級督察帶領的一組同事，提出一個既簡單又經濟的方法，確保瑪嘉烈醫院一個重要系統能時刻保持有效運作。瑪嘉烈醫院透過氣動輸送系統，把病人的血液樣本、藥物和文件等傳送至整座醫院內的8個工作區域及超過65個站台。這個重要系統每日24小時不停運作，由於使用次數頻密，系統站台的底盤容易鬆脫，造成漏氣及外門移位的現象。

有見及此，本署員工提出一個既簡單又經濟的解決問題方案。有關小組研究出一個方法，以長度和粗幼適中的不銹鋼絲桿固定及支撐底盤。這個改善方案簡單有效，即使系統正在操作也可進行，不會影響醫院的正常運作，同時亦無須更換昂貴的系統站台。這項措施深受醫院員工讚賞。



為香港警察總部研發的檢測裝置，讓員工透過一個程序即可測試電動機的不同段速。
The tester developed for use at the Hong Kong Police headquarters evaluates different fan motor speeds via a single test procedure.

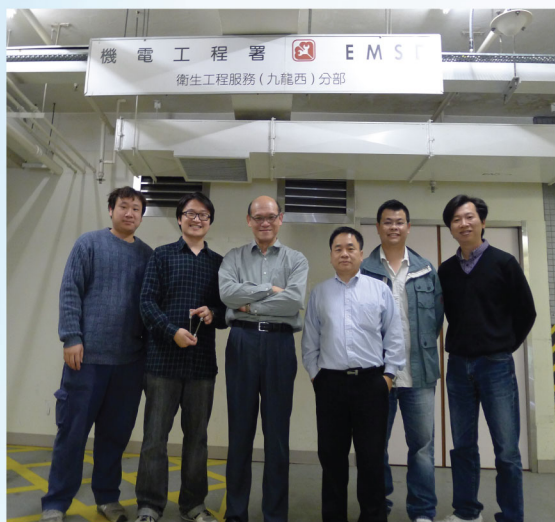
Two proposals made via the Staff Suggestion Scheme have been recently implemented to improve our performance for key clients. These winning proposals demonstrate the innovation of our talented staff and the effectiveness of the Staff Suggestion Scheme, which was established in 1993 to motivate staff to share their ideas on how we can enhance our service efficiency.

The Hong Kong Police Force headquarters building has more than 3,000 fan coil units containing some 4,000 fan motors. Repeated speed testing of each fan motor is tedious, time-consuming and potentially dangerous, but is necessary as part of preventive maintenance and emergency repairs.

Staff led by air-conditioning inspector suggested simplifying the testing procedure. Our colleagues devised a tester, built from recycled workshop materials, to evaluate different fan motor speeds via a single procedure. This new tester reduces total testing time from 15 minutes to 5 minutes per fan motor, saving substantial time and staff cost. The tester is inexpensive to make and the simplified procedure is also much safer.

In the second winning proposal, a team of colleagues led by senior inspector developed a simple and cost-effective way to ensure effective operation of an essential system in a hospital. Princess Margaret Hospital uses a pneumatic tube transport system to deliver patient blood samples, medicines and documents, etc. to eight working zones and more than 65 workstations throughout the hospital complex. This essential system operates non-stop 24 hours a day. Frequent usage has caused the system's workstation-mounted chassis to loosen easily and also led to air leakage and the dislocation of some workstation gates.

Staff proposed a simple and cost-effective solution to this problem. The team developed a way to use stainless steel rods of suitable length and thickness to fix and support the chassis. This simple but effective upgrade can even be carried out while the system is operating, avoiding disruption to normal hospital operations and the need to replace the costly workstations. It is highly appreciated by hospital staff.



我們卓越的維修保養團隊為瑪嘉烈醫院提出簡單而合乎經濟效益的改善方案。
Our talented maintenance team proposed a simple and cost-effective solution for Princess Margaret Hospital.



瑪嘉烈醫院使用的氣動輸送系統（左圖）。利用不銹鋼絲桿固定和支撐站台底盤（中圖及右圖）。
The pneumatic tube transport system (left) used at Princess Margaret Hospital and the application of stainless steel rods to fix and support the chassis (middle and right).