

Good Housekeeping Competition

Quality Oriented 5S Good Housekeeping in RTU Workshop

1. Introduction

The Transmission & Distribution Division (T&D) of The Hongkong Electric Co., Ltd. (HK Electric) has been implementing 5S good housekeeping programme at its various workplaces by phases since 2012.

Remote Terminal Units (RTUs) are installed at over 3,800 distribution substations on Hong Kong and Lamma Islands for remote supervisory control and data acquisition of distribution apparatus for supporting the reliable electricity supply for over 570,000 customers. These RTUs are fully developed, manufactured and tested by HK Electric in the RTU Workshop.

Quality control is one of the most important aspects in RTU manufacturing as it is critical in providing a world-class reliability of the electricity supply.

RTU Workshop has successfully acquired the “HKQAA-5S” Certification from the HKQAA in 2015.

2. Good Housekeeping Strategy

The RTU manufacturing process covers a wide range of components and parts. We categorize the tools, equipment, RTU parts and consumables and scrape those being obsolete. We also set up a just-in-time system in which only the needed parts and materials are kept in the work place while the remaining items are kept in designated storage area. To enable employees to easily retrieve various types of items, we have introduced a 2-D barcode identification system for every tool and equipment, the storage location of each item is carefully selected with proper label/ photo/ graphics and/or color coding as part of the visual identification system.

First-In-First-Out practice is adopted in daily operation as a good housekeeping principle. We carry out workplace communications such as morning briefing. Staff members are assigned to take the role of the housekeeper every week to keep the workshop safe and clean after work every day. We believe that with active engagement and motivation, implementing 5S will enable us to make the workshop clean and safe as always.

3. Conclusion

With the successful implementation of good housekeeping programme for RTU Workshop, we believe that our achievement has not only exemplified the essences of 5S good housekeeping, but also greatly motivate other departments, enabling 5S good housekeeping programme become part of our daily work.