IMPROVEMENT OF WORKSITE CONTROL IN WAREHOUSE

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ABSTRACT

This project was proposed to improve the worksite control for warehouse in Autokeen Sdn. Bhd. (AKSB). Some problems with worksite control for warehouse in which the current warehouse layout is congested, less efficient and also failed to apply the principle of first in first out or FIFO in the warehouse supply chain. Thus, some of the finished goods have been kept at the warehouse for too long. Only easy access finished goods which just arrive from the production line are shipped to the customers and it cause most of the earlier finished goods which have been pushed to the back are left for many days which lead to corrosion and increase the cost of the production by done rework. Due to high humidity, some of these have started to corrode. Rework to remove the corrosion has to be performed prior delivery to the customer.

Suggestion for improvement in the management of warehouses was proposed by redesigning the new warehouse layout. Some of implementations were modifying the facilities in the warehouse, as well as floor demarcation by labeling, line making of the finished-goods warehouse. To make sure the worker arranged all pallets according to designated arrangement, standard operation procedure (SOP) was issued as guidance. The effects from the implementation of the new layout in warehouse can be seen by the reduction number of customer complaints in the warehouse and also the reduction number of the rework operator. The new communication flow that suggested in the warehouse gave significant impact to the successful of the improvement plans.

"I declared that this thesis is the result of my own work except the ideas and summaries which I have clarified their sources. The thesis has not been accepted for any degree is not concurrently submitted in candidature of any degree."

Signed : .....

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