

Pakorn Jinorose 2014: An Application of Internal Benchmarking for Multiple Product Process Monitoring. Master of Engineering (Engineering Management), Major Field: Engineering Management, Department of Industrial Engineering. Thesis Advisor: Assistant Professor Pornthep Anussornnitisarn, Ph.D. 89 pages.

Nowadays, the general companies are facing with many obstacles in production. One of them is the companies cannot balance the quantity produced to flow smoothly during processes. It causes more work in process and waiting time during process. The objective of this research is to tracking and monitoring in several dimensions such as by product type, by production line and work center.

This research analyzed the performance of each station by using internal benchmarking methodology that is referred to Hopp and Spearman (2000).

Eventually, the conclusion can be represented by graph which composes of Through put rate , Cycle time that each company are able to apply to monitor and track production line performance before efficiency down or occurring long time of break down case. These also affects to general person who will apply to next advance research for development process in the future.

Student's signature

Thesis Advisor's signature

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