

ABSTRAK

PT. Sankeikid *Manutec* Indonesia merupakan perusahaan *manufacturing* yang bergerak di bidang otomotif komponen *interior* mobil. Perusahaan ini memiliki 6 departemen salah satunya departemen *Assy Y18*. Proses *packing* yang ada di departemen *Assy Y18* mengalami ketidakstabilan dalam hal produktivitas. Penyimpanan *part finish goods* yang tidak beraturan menimbulkan banyak kehilangan waktu akibat mencari *part finish goods* yang akan di *packing*. Karena produktivitas yang rendah menyebabkan proses *packing* harus selalu menambah jam kerja dan biaya *overtime* menjadi tinggi.

Pada penelitian ini dilakukan perancangan ulang tata letak fasilitas dengan menggunakan metode *Systematic layout planning*. Prosedur *Systematic layout planning* ini terdiri dari beberapa tahapan yaitu tahap analisis, tahap penyesuaian dan tahap evaluasi.

Berdasarkan metode *Systematic layout planning* dihasilkan alternatif *layout* usulan yang dapat meminimasi pergerakan operator *packing* dan perancangan ulang *layout finish goods gripdoor* yang dapat menghilangkan waktu pencarian *gripdoor* yang akan di *packing*.

Kata kunci : Proses *Packing*, Kehilangan waktu, Perancangan *Layout*, *Systematic layout planning*

ABSTRACT

PT. Sankeikid Manutec Indonesia is a manufacturing company that is engaged in automotive interior components car. The company has a 6 departments of one of the department of Assy Y18. The packing process in the department of Assy Y18 experienced instability in terms of productivity. Irregular finish goods storage cause a lot of loss time due to find the finish goods that will be in the packing. Because low productivity causes the packing process should always increase working hours and overtime cost to be high.

In this study, the facility layout was redesigned using Systematic layout planning method. Systematic layout planning procedure consists of several stages, namely the analysis stage, adjustment stage and evaluation stage.

Based on systematic layout planning method produced alternative layout proposal that can minimize the movement of packing operators and redesign the finish layout of goods gripdoor that can eliminate the search time gripdoor to be packed.

Keyword : Packing Process, Loss time, Layout Design, Systematic layout planning