

**ANALYSIS OF WAREHOUSE LAYOUT IMPROVEMENTS WITH
DEDICATED STORAGE METHODE USING MATERIAL HANDLING
APPROACH**

(Case Studies on Pepey Industries)

Author :

Muhammad Nandy Luthfiana

Under the Guidance :

Dr. Moch. Adib Sultan, ST., MT.

ABSTRACT

Pepey Industries is one of the small and medium-sized micro enterprises engaged in manufacturing of futsal Jersey, T-Shirt and Jacket. Pepey Industries has a problem in the laying of its products in the warehouse. During this time, the placement of goods in the warehouse has no special rules so that the goods of each product are mixed which causes the difficulty in the search for goods and extend the distance of its displacement. In this study used a dedicated storage approach which is a method that puts each type of similar products in certain areas of a fixed nature and based on the number of incoming and outgoing product activities in the warehouse with the shortest distance to I / O Point so that the flow of products more facily and the more optimal space requirements. The result of the implementation of dedicated storage in this study can be known the distance of the proposed layout of 70.847m and has a difference of 2.709m from the existing warehouse mileage that has mileage of 73.556m with a percentage decrease of 3.682%.

Key Words : Layout, Warehouse, Dedicated Storage, Material Handling

KATA PENGANTAR

Syukur Alhamdulillah atas nikmat sehat dan karunia Allah SWT, saya sebagai penulis dapat menyelesaikan Skripsi ini dengan tepat waktu, yang berjudul “Analisis Perbaikan Tata Letak Gudang Barang dengan Pendekatan *Dedicated Storage* (Studi Kasus Pada Pepey Industries)”

Skripsi ini disusun berdasarkan hasil penelitian yang telah dilaksanakan selama 3 bulan di gudang Perusahaan Pepey Industries. Tujuannya adalah untuk memenuhi syarat ujian sarjana ekonomi dan juga untuk menerapkan ilmu yang telah dipelajari di bangku kuliah dengan praktik nyata di lapangan.

Dalam penyusunan Skripsi ini, penulis mendapatkan banyak dukungan baik secara material maupun spiritual, oleh karena itu, penulis ingin mengucapkan terimakasih kepada:

1. Allah Subhanahu wa Ta'ala, selaku sang maha pencipta yang meridhoi segala apa yang saya lakukan.
2. Prof. Dr. Ina Primiana, SE., MT., selaku Ketua STIE Ekuitas.
3. Dr.rer.nat Martha Fani Cahyandito, SE., M.Sc, CSRS., selaku Wakil ketua I Bidang Akademik STIE Ekuitas.
4. Dr. H. Herry Achmad Buchory, SE., MM., selaku Wakil Ketua II Bidang Keuangan, SDM, Umum STIE Ekuitas.
5. Dr. Sudi Rahayu Suwarno, SE., MM., selaku Wakil Ketua III Bidang Kemahasiswaan STIE Ekuitas.
6. Dr. Iim Hilman, SE., MM., selaku Ketua Program Studi S1 Manajemen STIE Ekuitas.