

# Perancangan tata letak penyimpanan rak di gudang baru pada persahaan produksi kebutuhan balita dengan menggunakan metode shared storage = Layout design of storage racks in new warehouse on toddler supplies company using shared storage method

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## Abstrak

[PT PZ Cussons adalah perusahaan yang bergerak dalam industri kebutuhan balita, yang memproduksi perawatan kulit untuk balita. Masalah yang dihadapi oleh PT PZ cussons saat ini adalah ketidakteraturan dalam persiapan bahan baku, maka akan menghambat waktu proses pengiriman ke bagian produksi, beberapa lorong ukuran yang tidak sesuai dengan ukuran material handling sehingga sulit bagi karyawan dalam proses pembuatan produk jadi di gudang. Kondisi lain yang juga hadir dalam penempatan produk di daerah yang kurang tepat, di mana barang harus memiliki frekuensi tertinggi pengiriman dan yang sering datang dan pergi dalam terus ke pintu keluar. Hal-hal seperti ini yang sering menyebabkan penanganan yang lebih lanjut dalam material handling dan kurang efektif dalam kegiatan penyimpanan. Tujuan dari penelitian ini adalah untuk memberikan tata letak penyimpanan rak bahan baku untuk gudang baru yang sesuai dengan kebutuhan ruang penyimpanan dan kebutuhan ruang sehingga material handling menjadi lebih efektif. Metode yang digunakan dalam shared storage penyimpanan adalah sebuah pendekatan di mana produk memiliki frekuensi tertinggi pengiriman dan sering keluar dari membawa lebih dekat ke pintu masuk untuk meminimalkan jarak perpindahan material handling. penelitian yang dilakukan pada tata letak yang diusulkan menghasilkan material handling jarak tempuh gudang baru adalah sebesar 8007 m. Sementara dalam tata letak jarak tempuh awal adalah sebesar 13363 m; PT PZ Cussons is a company engaged the industry needs a toddler, which produces skin care for toddlers. The problems there at PT PZ Cussons, now is an irregularity in the preparation of raw materials, it will hamper the delivery time to the production process, some of the hall sizes that do not fit the size of material handling making it difficult for employees in the manufacturing process of finished products in the warehouse. Other conditions are also present in a product placement in areas that are less precise, where the goods should have the highest frequency of delivery and who often come and go in continue to exit door. Things like this often lead to further handling is that material handling and less effective in storage activities. The aim of this study is to provide a storage rack layout of raw materials for the new warehouse in accordance with the needs of storage space and material handling needs so that the space becomes more effective. The method used in shared storage storage is an approach in which products have the highest frequency of delivery and often out of bringing it closer to the entrance to minimize the displacement distance of material handling. research done on the layout of the proposed generating material handling mileage new warehouse is at 8007 m. While the layout of the initial mileage amounted to 13 363 m.this often lead to furtehr handling is that material handling and less effective in storage activities the aim of this study to provide a storage rack layout of raw materials fo the new warehouse in accordance with the needs of storage space and material handling needs so that the space becomes mpre effective the method used in shared storage shared storage is an approach which product have the highest frequency of delivery and often out of bringing it closer to the entrance to minimize the displacement distance of material handling researcg done on the layout of the proposed generating

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