

ABSTRAK

Perbandingan Metode Pengelolaan Persediaan Bahan Baku Oleh Perusahaan dengan Metode Economic Order Quantity dan Material Requirment Planning Study Kasus pada Perusahaan Pertenunan Santa Maria Boro

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Penelitian ini bertujuan untuk mengetahui 1) Bagaimana perbandingan pengelolaan persediaan bahan baku yang dilakukan perusahaan dengan metode EOQ dan MRP, 2) .Apakah metode pengolahan persediaan bahan baku yang digunakan perusahaan sudah tepat bila dibandingkan dengan metode EOQ dan MRP.

Penulis melakukan penelitian pada Perusahaan Tenun Santa Maria Boro dan secara khusus meneliti persediaan bahan baku untuk produk selimut. Data yang digunakan untuk penelitian adalah data dari bulan Januari sampai dengan Desember tahun 2002, data dianalisis dan dibandingkan dengan menggunakan metode perusahaan, EOQ dan MRP.

Berdasarkan hasil analisis data, diketahui bahwa pengelolaan persediaan bahan baku yang digunakan Perusahaan Santa Maria Boro belum tepat. Jumlah pembelian bahan baku yang dilakukan perusahaan belum tepat, terdapat kelebihan persediaan bahan baku. Sama halnya dengan metode EOQ masih terdapat kelebihan jumlah pembelian bahan baku, sedangkan metode MRP jumlah pembelian bahan bakunya sesuai dengan kebutuhan produksi. Namun pada biaya persediaan bahan baku, TIC EOQ lebih kecil dan efisien. Perbandingan TIC perusahaan sebesar Rp 520.080,-, TIC EOQ sebesar Rp 379.735,-, dan TIC MRP sebesar Rp 600.600,-. Perusahaan Tenun Santa Maria Boro dapat mengkaji ulang metode pengelolaan persediaan bahan bakunya pada pembelian bahan baku dengan metode EOQ agar dapat mengendalikan biaya persediaan bahan baku dengan efisien.

ABSTRACT

Comparison of the Company Management Method of Raw Material Supply with the Economic Order Quantity and the Material Requirement Planning At Case Study in the Weaving Company Santa Maria Boro

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The aims of this research were to know 1) How was the comparison the management method of raw material supply which was done by the company with EOQ and MRP methods, 2) How appropriate was the management method of the raw material supply which was done by the company if it was compared with the EOQ and MRP methods.

The writer did the research in the weaving company Santa Maria Boro, and specialized research on the raw material supply for blanket. The data which were used for this research were the data from January to December 2002; the data were analyzed and compared using the company method, EOQ and MRP.

Based on the result of data analysis, it was known that the management of raw material supply which was used by the Santa Maria boro Company was not yet appropriate. The purchasing of raw material which was done by company not yet appropriate, due to the surplus in the raw material supply. The same result was found in EOQ method, for there was surplus in purchased amount of raw material. Whereas with the MRP method, the purchased amount of raw material was suitable with the production need. But in the cost of raw material supply, TIC EOQ was less and efficient. The TIC comparison of the company was Rp520.080,-, TIC EOQ was Rp 379.735,-, and the TIC MRP was Rp.600.600,-. The Weaving Company Santa Maria Boro, should review the management method of the raw material supply in the raw material purchasing whit EOQ method, so that the company could control the cost of its raw material supply.