

ABSTRACT

Thoriq Andriyanto, 2015, THESIS, Title “The Efficiency Analysis of Raw Material Supply using *Material Requirement Planning* (MRP) Method on CV BrosemBatu 2014”

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Controlling system of supply and production can increase the efficiency of company, because by good system can eliminate a waste. One method which can be applied to eliminate the waste is *Material Requirement Planning* (MRP) method. The goal of this research is to know the efficiency of raw material of supply using MRP method than company method.

This research applies qualitative descriptive approach. The data analysis is supply of raw material by applying *Material Requirement Planning* (MRP), *Period Order Quantity* (POQ) and *Economic Order Quantity* (EOQ) method.

The results shows that before applying MRP method, CV Brosem used *JobOrder* system and the purchase cost of raw material was Rp. 44.739.750 which has impact if got much *order* would get *over hour* but after applying MRP method the purchase cost of raw material CV Brosem went down to be Rp 36.132.000. This was caused by the company only did the purchase of raw material based on necessity, then the order and the transportation cost of raw material purchase was not often. Furthermore, by applying MRP method, CV Brosem could decrease the supply of raw material about 19,24%.