

## ABSTRAK

Laporan Tugas Akhir ini berisi tentang perencanaan kebutuhan bahan baku (MRP) dari material upper converse all star cever di CV. Cikupa Inti Rubber yang terdiri dari Texon, Natural All Star, Canvas Black, Eye Late, Tounge Lable dan Benang Sewing. Tujuan penulisan laporan tugas akhir adalah menentukan metode Lot Sizing yang bernilai minimum untuk material upper converse all star. Metode MRP yang digunakan adalah Lot for Lot, Economic Order Quantity, Fixed Order Quantity dan Period Order Quantity berdasarkan orientasi pabrik dan penelitian literatur. Dari hasil perhitungan yang dilakukan penulis, didapatkan hasil bahwa metode Lot for Lot bagi material Texon, Natural All Star, Canvas Black, Eye Late menghasilkan biaya persediaan yang minimum daripada metode lain dan Economic Order Quantity bagi material Tounge Lable dan Benang Sewing menghasilkan biaya persediaan yang minimum. Berdasarkan hasil tersebut didapatkan hasil keseluruhan biaya simpan dan biaya pesan sebesar Rp 126.407.500. Biaya tersebut merupakan biaya minimum yang dapat dihasilkan dari perhitungan MRP.

Kata Kunci : MRP, CV. Cikupa Inti Rubber, Lot Sizing, Converse All Star



UNIVERSITAS  
MERCU BUANA

## ABSTRAK

*The final report contains the raw material requirements planning (MRP) of the upper material converse all star Cever CV. Cikupa Rubber core consisting of Texon, Natural All Star, Canvas Black, Eye Late, tounge lable and Yarn Sewing. Purpose of writing the final report is to determine the method of Lot Sizing is worth a minimum of upper material converse all star. MRP method used is Lot for Lot, Economic Order Quantity, Quantity and Fixed Order Period Order Quantity is based on the orientation of the factory and the research literature. From the results of calculations by the author, showed that the method for Lot Lot for material Texon, Natural All Star, Canvas Black, Eye Late produce minimum inventory cost than other methods and Economic Order Quantity for material tounge lable and Yarn Sewing generate inventory costs minimum. Based on these results showed overall cost savings and order cost Rp 126.407.500. The cost is the minimum cost that could be generated from MRP calculations.*

*Keywords: MRP, CV. Cikupa Core Rubber, Lot Sizing, Converse All Star*

