

ABSTRACT

Inventory control is one of the problems facing the company. The company wants the amount of goods obtained in accordance with the needs by the right time so as to minimize costs. The research conducted at PT. Kahar Duta Sarana Bandung branch which is one multinational company engaged in IT Solution in order to determine how inventory control before using the economic order quantity (EOQ) and know how after the inventory control EOQ method.

This type of research used in this research is quantitative non-statistical method. Stages of the research is to make observations, conduct problem definition, theoretical framework, hypothesis formulation, scientific research design, analysis and interpretation of data, the deduction claimed if the hypothesis is accepted or not, the discussion of the results and conclusions.

Based on the results of research conducted to determine the POS inventory control and Scanner before and after using the EOQ method can be inferred if before using EOQ on the product obtained the result that the average purchase of the product (Q) as many as 33. The total cost of inventory (TIC) issued Rp. 4,718,252.55 and Reorder point (ROP) is done every month or 12 times. Once the product of the EOQ method, the obtained results that the average purchase product (Q) of 134. The total cost of inventory (TIC) issued Rp. 2,185,841.26 and Reorder point (ROP) performed 5 times. By using EOQ method, companies can minimize inventory costs by 50%.

Keywords: economic order quantity, EOQ, inventory