

ABSTRACT

PT. Wirasindo Santakarya Cirebon unit is one of the furniture manufacturers with the main raw material is rattan. Products sold by PT. Wirasindo Santakarya such as chairs, mirrors, baskets, and others. The problem faced by the company is the condition of overstock in the warehouse. This is due to fluctuating demand for raw materials so that the number of orders made by the company is not optimal. In addition, there is no classification of raw materials that is useful for determining which raw materials are prioritized and strictly controlled.

With the problems experienced by the company, this final project is to classify raw materials and determine the proposed inventory control policy for rattan raw materials. Inventory classification is done using ABC analysis. The classification of ABC analysis determines three categories of goods, namely categories A, B, and C. The results of the ABC classification are, 6 types of rattan are included in category A, 4 types of rattan are included in category B, and 4 types of rattan are included in category C. Based on the results of ABC analysis, categories A and B using the continuous review method (s, S) and category C using the periodic review method (R, s, S). The proposed inventory policy uses the continuous review method (s, S) to determine the reorder point and maximum inventory level, while the periodic review method (R, s, S) determines the review time interval (R), reorder point (s), and maximum inventory level for minimize overstock.

The number of proposed inventories decreased compared to the existing condition inventory by 59% to 22,332 units. Thus, the total cost of inventories also decreased by 42% to Rp 260,454,411.

Based on the results obtained, the proposed inventory policy using the method of continuous review (s, S) and periodic review (R, s, S) can minimize overstock at PT. Wirasindo Santakarya Cirebon unit.

Keywords — [Stock, Rattan, Overstock, Periodic Review, Continuous Review]