

ABSTRACT

PT XYZ is one of the companies that engaged in the retail industry located in the area of Jakarta. Products sold by PT XYZ are various product requirements that are used in everyday life such as food, clothing, toys, electronics, household appliances, and other goods. Products in PT XYZ are grouped in three categories, namely the category of food, non-food and soap-shampoo. Inventory products in PT XYZ has not been managed properly, causing the stored product inventory exceeds the capacity of the warehouse. This can lead to the occurrence of the overstock can also cause high total cost of inventory in the warehouses of PT XYZ.

Research phase begins with a grouping of products using the ABC classification method, where the purpose of the ABC classification is to classify each product in accordance with the level of absorption of funds. Then do the determination of the level of inventories using the method of continuous review (s, s) system and hybrid system that includes a birthday booking point (ROP) and optimal ordering lot size (Q). The last phase of this research is to do perandingan the total cost of the preparation of the proposals with a total cost of supplies on the actual condition of the company.

The result of the calculation inventory policy proposal using the method of continuous review system is known to be able to provide total cost savings in product inventories against the real state of the company. the method of continuous review system (s,S) provide cost savings of 47,9% and the method of hybrid system also provides cost savings of 32,6%.

Keyword: Inventory, Overstock, ABC Analysi, Continuous Review System, Hybrid System