

ABSTRACT

PT. XYZ is multinational retail company taht sells Fast Moving Consumer Goods (FMCG). The result of stock take in 2012 showed that there was inventory inacuraccy which makes shrinkage of assets in the PT. XYZ's warehouse. The precentage of shrinkage in PT. XYZ's warehouse is 5,54%. This is because the implementation of stock take process is only carried out over the years, and the damaged product due to expired.

The first step to do is identifying the causes of shrinkage. Then, it would be found the solution the problem of shrinkage, then the identification of solutions to resolve the shrinkage problems found by the determination of the stock-take period, business processes improvement and create a warehouse management system.

Determination of stock take period using cycle counting ABC method produces a stock take policy that divides the stock take schedule based on the classification of the product. Business Process Improvement generating a business process stock take proposals and having a value greater cycle time efficiency of 0.1% compared to a stock take of existing business processes.

Key word: warehouse, shrinkage, cycle counting, inventory record accuracy, business process improvemet, warehouse management system.