ANALISIS BIAYA PERSEDIAAN BAHAN BAKU TEPUNG TAPIOKA DENGAN PENERAPAN Q-MODEL PADA PT. CANDI JAYA AMERTA, TANGGULANGIN.

Abstrak:
PT. Candi Jaya Amerta is a company engaged in the food industry located in Sidoarjo precisely on Highway No. 34-36, Tanggulangin. The company produces several types of products, namely crackers prawn crackers, vegetable crackers, casava (cassava crackers or samiler). Production in this industry requires raw materials that are largely not as durable as tapioca flour, wheat flour, shrimp, vegetables, and others. Company engaged in food, uncertain demand for its products, causing some raw materials undergo even outstock overstock. In carrying out the process of production companies often experience problems with the supply of basic raw material, which is experiencing excessive conditions (overstock) on raw starch. Companies in the procurement of raw materials by means of ordering raw materials in amounts greater than the amount required in production resulting in cost savings. By using the method q-model by contrast with methods used the company currently, then the result analysis during the period 2009-2011 known that the storage charges and a total cost of the supply of raw materials flour tapioca by using the method q-model less than the reckoning according to the method that used the company at this time. While the cost of reserving slightly larger compared with a method of the company because of the frequency of a purchase with q-model done more.

Keyword:
Raw Material Inventory Tapioca Flour, Ordering Cost, Holding Cost, Total Inventory Costs, Economic Order Quantity (EOQ), Q-model, Sensitivity Analysis

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