URN etd-0407109-183706-383
Author Yu-Ting Su
Author's Email Address No Public.
Statistics This thesis had been viewed 45 times. Download 0 times.
Department
Year 2006
Semester 2
Degree Master
Type of Document Master's Thesis
Language zh-TW.Big5 Chinese
Title An Integrated Inventory Model with Imperfect Quality and Order Split Consideration
Date of Defense 0000-00-00
Page Count 66

Keyword
Defective items rework
Order split
Lead time
Integrated inventory model

Abstract
To the inventory management, have all been what every enterprise pay close attention to all the time. In recent years, the Toyota type production management, use interests that just-in-time(JIT) Production System obtains, demonstrate inventory managerial importance even more. Just-in-time Production Syste pays attention to the size of quality of the products, reduction in lead time and small lot size, frequent deliveries. Reach effective inventory management by this. It is important to the supply chain of cooperation between the buyer and the vendor. Traditional inventory model is while predicting often supposes all products are good products, however, certain amounts of bad products will emerge and cause influence on the total cost in the real production process.

The purpose of this research is to develop the integrated inventory model for the single-buyer and the single-vendor which is consider by the bad products rework and lead time, use equal batch, frequent deliveries products to the buyer. The deliveries quantity, the number of deliveries, lead time, reorder point and setup cost are the variable decision. Find out the optimal inventory policies. Finally, set up a algorithms to find out the optimal solution, and the solution technique is illustrated with a numerical examples.
Advisory Committee - advisor

Files No Any Full Text File.
Date of Submission 2007-07-09