



A Study on the stock control

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1. Abstract

Stock control is one of the essential elements in any company, and through the context we understand that inventory control has an important entity through the business surrounding it. This paper will help provide an analysis of the role of stock control. The main objective of the study presented is to study inventory management and to know the roles of inventory control. Through this, many methods of data collection will be completed, and therefore the study will be conducted according to the required pattern, and the research will be able to develop the project and evaluate the specific requirements of the research. Through a process conducted through a telephone interview with the director of inventory control and others to cover the points through which you will help in analyzing the scope of the study. The researcher also distributes a questionnaire to the employees, and through him the researcher obtains the required conclusions to conduct analyzes of the project. The researcher highlights the mechanism of the role of inventory control, which in turn maps the correct

plans in the evaluation process and the great importance of inventory control. In addition to using secondary data for this, it also contributes to complete the project.

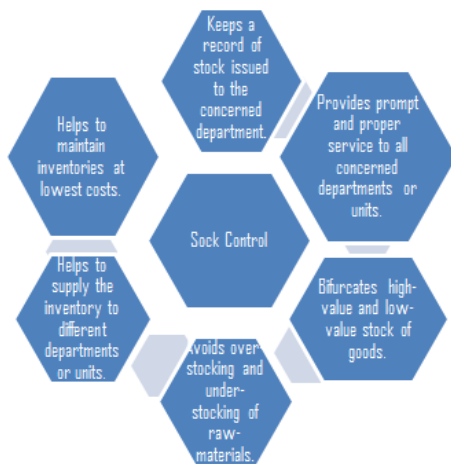
2. Introduction

The Ministry of Commerce and Transport in the Sultanate of Oman greatly helps in developing logistics services in the country, and through it will help in reviving the economy and its prosperity and in light of this the country's infrastructure and success will be revitalized. As well linked through logistical support and investor promotion in the logistics sector. There are a number of industrial areas located in the Sultanate such as the Duqm industrial area and the SandanBarka city for example through which the logistics sector will develop significantly in the country. There are elements that have a lot to manage the warehouse system which in turn helps in controlling inventory such as stock control. Stock control is very important and effective for any company. Consequently, the functions of stock control are numerous in terms of administrative organization of stock control, results, factors affecting internal administrative

organization of stock control and administrative packaging for stock control, etc.

3. Operational Definition of Terms

Stock control: Is the knowledge of inventory movement, which in turn works to meet consumers need for inventory but taking into account maintaining the stock level of decline and in the event of a shortage of inventory it works to provide the stock.



Figures 1. Stock control

Supply Chain Management: It is the process of flowing materials from manufacturing to reaching beneficiaries.



Figures 2. Supply Chain

Warehouse: It is an operating system that works to process warehouses quickly and through it the process of keeping materials and accessibility as well.



Figures 3. Warehouse

Stagnant Materials: They are substances with little movement and are not widely circulated.

4. Problem Statement

At this stage, the researcher will address the problems faced by most companies, namely: a permanent man working in the inventory must be appointed to control the inventory, and it has been observed that the inventory process does not match the system in the inventory control section of some of the existing materials and this is a problem that must be solved to know the movement of the stock and know That in most companies. The knowledge that was spent during the year must be done twice, that is, the companies' stocks must work every six months to solve the problems associated with inventory control, as rodents were also observed in some warehouses in the companies and this is one of the reasons for the lack of materials and damage as expected previously, measures can be taken Preventive to do so. A shortage of employees was also observed in the warehouses, and the inventory control department related to a warehouse for exchange, storage and purchases was disturbed, and the inventory management monitors the slow exchange process in the exchange department, which is mainly due to the lack of human personnel and the stagnant stock, which is caused directly by poor forecasting of demand which leads to accumulation within Inventory.

5. Literature Review

Stock Management is a wide range subject and there are various things that need to be aligned. Different studies have already been done on stock management over the years that are now helpful for the organizations to keep the optimum level of inventory levels.

In literature review section, researcher will mainly study, analyze and discuss different articles published in journals relating to Inventory control management. Researcher will try to summarize the main points in the articles in order to build the solid foundation of the study under consideration.

4.1 Demand forecasting for inventory control

There's a crucial aspect when it comes to managing a company in order to keep its operations smooth and aligned, and that is inventory management. This becomes even clearer when these inventories have to be maintained for production equipment and so it directly affects the efficiency related. Moreover, when certain maintenance items have longer lead times, the cement manufacturer can face problems managing maintenance inventories [1].

4.2 Investigating sustained oscillations in nonlinear production and inventory control models

Sometimes, in order to reduce the risk associated with production loss, maintenance inventory levels are increased without making a link to all the costs that may incur while carrying that inventory [1].

Moreover, in the longer run, there can be different risks associated with inventory control like risk of obsolescence, pilferage, damage etc. [1] in a study found out that variability of delivered quantities can directly be affected if the number of suppliers is increased. As the cost of having to manage those suppliers also increases in the process.

4.3 Stock control analysis

Inventory control is to analyse and verify the inventory in a complete manner and the requests that pass through the demand for exchange demand, that is, the exchange is not handled except with the approval of the inventory control and the inventory on the effect of giving approval to the exchange of spending the materials. The higher the orders for maintenance, the lower the inventory, which requires raising the inventory by raising purchase orders to replace the inventory. [5]

6. Methodology

The research methodology is to collect information from sources to obtain information covering all aspects of this study. It is also a way to collect information and data about the study. The research methodology is to collect data and information in different ways from the study issue that was discussed and discussed. Through this there are many research methods both qualitative and quantitative. Through these current methods you will collect information and highlight the aspect of the study through discussions interviews and questionnaires, etc. Research is information inferences and data through the proposed study and through information obtained through a specific methodology and in order to obtain the desired goal of this study. The approach used in this study should be clarified, for example, such as the aim of the study using visualization of the strategies followed, and this should be to provide information and data in the correct form. The research contains an excellent strategic approach, and this is in order to access all aspects of the study because information must be obtained to cover all aspects and that the main thing that focuses on his study is to work on identifying questions in order to stand in the study.

7. Result Analysis

Analyzing results and data and is the focus of the study presented by the researcher. Data analysis is an evaluation of the data process and that through analytical thinking and logic to study each part of the research information and data components. Also, there are many different ways to collect data including data collection based on the research that the researcher provides. It is possible for the researcher to use the following methods, for example interviews that aim with the person to be interviewed and also contains data analysis to take the process through the analysis process. Data analysis is the collection of information through qualitative and quantitative research and through the survey obtained by the researcher. The researcher should analyze the information obtained by the researcher through the questionnaire and the interview. In the interview the process of analyzing numbers and graphs will be conducted through the questionnaire obtained by the researcher which the researcher will present in this study it is as follows:

The extent of employee satisfaction within the organization with regard to the impact of inventory control. Most organizations actually work to apply a periodic evaluation to all departments that they own, in order to achieve development in the work and improve the performance of each department as is the case in the role of inventory control and its impact. And the importance of diversification is essential for the operational structure in inventory control. Of course, the operational structure has the greatest impact on the progress of work and the approach required achieving success and excellence and overcoming all obstacles.

8. Conclusion and Future Research

The research clarifies through the paper the role of inventory management and also discusses the importance of stock control and the paper has discovery in terms of

research features that have a total impact on highlighting points. At the end of the conclusion that includes the chapters as a whole, the researcher presented a topic on the study of the role of stock control. The research, of course, consists of five chapters, and each chapter deals with a different topic from the other, and each chapter is complementary and has a full link with the subject of the study presented by the researcher. Here is a summary as will show and study whole chapters at all. In the first chapter, there was a summary of what the researcher would do to determine the title of the research, provide an introduction, and clarify the problem in this study while specifying the goals and objectives of the research. The researcher in this chapter also touched on the field of study, which is one of the points identified by the researcher in this chapter. As for the second chapter, the researcher discussed reviewing literature through books and magazines. Researchers will assist these literature and references to complete what has been said to research here. All ongoing operations in the Oman Cement Company have been examined. In the third chapter, the research methodology at first has the ability to impose its capacity in terms of information that makes it more comprehensive as well. And searching for it has many aspects of working on examining data, and this is in order to reach new theories. In the four chapter, the researcher presented the results and results by collecting data and analyzing it by the methods required to show the study as required. The fourth chapter includes an analysis of the results of the questionnaire and the interview. In the analytical chapter, questions that are fully related to the topic of studying the role of inventory control in the Oman Cement Company were prepared through this information gathered and the questionnaire including the open questions and through it were distributed to the employees of Oman Cement. In addition to the interviews conducted despite the circumstances that occurred

through the list, Virus corona, and despite the circumstances, the interview was conducted through a telephone interview, in order to highlight the study and present it as required. And finally in the last chapter is to collect what was obtained through the previous chapters, and a summary of conclusions and recommendations that in turn help to control the stock in the company requires some risks and challenges that you may face in addition to the conclusion and limitations and finally research in the future. The researcher discovered was facing many risks facing challenges. The company should make repairs and develop those points that were previously presented by the researcher. Among the most notable of these challenges and problems is bad prediction because when there are bad expectations, it causes accumulation in dead or idle stock, etc. Research will be very important and effective in the future for research that can be used in future researchers, provided that they are widely covered.

9. Reference

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