

ABSTRACT

“WAREHOUSING” is represented in all supply chains as a connective operation between suppliers and buyers/consumers in regard to various types of inventories. Hence the warehouses productivity becomes a key factor to effectively enhance the performance of the supply chain. The third party logistical operations play a key role in supply chains in most of the organizations and carrying out warehouse operations efficiently has become a necessity in the field of inventory and warehouse management. Hence third party logistical operations focusing and warehousing provide their services to manage inventory and warehousing in a much more productivity and attractive manner. The aim of the research is to enhanced warehouse efficiency at John Keells Logistics which attempts to simplify the individual warehouse operations via a methodological change and ultimately improve the entire operation efficiency proposed by the researcher.

Throughout the research, it considers different approaches for improvement in warehouse efficiency with comparison to strategies of different firms, sophisticated ideas and published documents. The particular study area is not based on fully automated operations. Therefore, labour productivity has become a major factor to improve efficiency. However it is noted that the labour productivity vary from one individual to another and for easy measurement a group of people was considered. Accordingly, this research is based on findings from groups of people and their labour productivity.

The latter part of the research emphasizes the capacities of the warehouse and mathematically finds out productivity, related to the ongoing operation by using actual data. The study introduces a methodological change with the aid of existing data and then compares existing against the methodological change. In comparison, methodological change is enhancing productivity.

The research concludes by expressing the core factors which can be gained from the study and how these could be applied to the particular organization to improve its warehouse efficiency.

Key Words: 3PL, WMS, SKU, STO

