

In The Name Of ALLAH The Most Beneficent The Most Merciful

Warehouse
Management
System

Authors

Usman Saeed

Muaz Shahid

UNIVERSITY OF MANAGEMENT AND
TECHNOLOGY, LAHORE

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Project Title

ANALYSIS OF WAREHOUSE
MANAGEMENT SYSTEM

Project Members

Engineer Muhammad Usman Saeed
ID: 111831-005

Engineer Muaaz Shahid
ID: 111831-089

Program

Bachelors of Science
Major in Industrial Engineering

Institute

University of Management and Technology
Lahore, Pakistan

Project Advisor

Sir Mohsin Raza

Project Location

Warehouse of Dalda Foods Pvt. Ltd,
Lahore, Pakistan

Project Duration

May 2015 – October 2015 (6-months)

Supervised by

Mr. Hassan
(Supervisor at Dalda Warehouse Lahore)

Preface

As a part of BS Industrial Engineering we're required to complete our Final Year Project to gain the practical knowledge in field of industry. We chose to make a report on **"Analysis of Warehouse Management System"**. The basic objective behind this report is to get familiar with the practical knowledge of warehouse system of a company and tools use in warehouse system related to our degree.

In this Project Report we have included several concepts and techniques of industrial engineering, which help to maximize the efficiency of warehousing.

While doing this project, we have studied the all processes involved in a warehouse system. We find out several types of wastes including time, cost and space. We proposed different suggestions against these wastes in order to improve the overall effectiveness of the system. We worked on this project with great pleasure. We're very proud of the final result and we sincerely hope that you as a reader will also enjoy reading this thesis!

October 2015,

Engr. Usman Saeed
Engr. Muaaz Shahid

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Executive Summary

Project Background

In warehouses, there are several problems regarding to Warehouse Management, Customers Services, Material Handling and Customer Order Fulfillment. In this project we will analyze the processes involved in warehousing including customer order, storage system and Logistics then sort out the problems, which causes extra cost or time and try to eliminate them by comparing them with other leading warehousing systems.

The Dalda warehouse has many issues in their running operations. There is no proper system of material handling, no standard process of receiving the material and for inspection as well. They have poor layout design and even there is lacking of storage policy. They don't classify the product by keeping in view product demand frequency. They have no idea of equipment maintenance and the equipment is in bad conditions. They even don't have the suitable equipment for material handling. Labor consumes much time in unloading. They don't use device to control the inventory. Labors take much time in getting the product because of poor layout of picking process. They don't do forecasting regarding demand and because of this attitude their expiry rate of product is high. Even there is no defined route system for shipping. Cameras are not installed in the warehouse and no safety equipment for any incident are kept in the warehouse.

Project Goal

The objective this project is to analyze the warehouse of company, find out wastes and propose methods to eliminate them to increase the productivity of the company.