

**Study of effectiveness of PPC techniques on productivity of
SME in Pakistan**



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Statement of Submission

The title of my research project “Study of Effectiveness of PPC techniques on Productivity of SME in Pakistan” is being submitted for completion of MS Textile Degree from School of Textile and Design, University of Management and Technology, Lahore, Pakistan.

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Declaration

I hereby declare that all the information in this thesis is the result of my concerted efforts and my original work. This research work, to the best of my knowledge and belief, reproduces no material previously published or written, or that has been accepted for the award of any other degree or diploma, except where due acknowledgement has been made in the text.

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Abstract

This research is explicitly focused for evaluating the importance and functioning of the self-constructed PPC plan and with the help of lean manufacturing methods, the knitting industry like dynamic can produce more cost effective products. In this research different problems and factors have been identified that can result into problems and inefficiencies in the manufacturing system. The lean manufacturing tools which were implemented included the Kaizen model, the 5S model, bottle neck analysis and continues model. The tools were experimentally implemented in the organization Dynamic Sportswear Ltd. which was selected being a typical medium sized organization involved in the manufacturing of textile sportswear. An initial survey was conducted with the 75 different people working at managerial positions in the organization. This survey was critically focused on knowing about different kinds of problems that were hampering the productivity of the organization. On the basis of the survey various PPC and lean manufacturing tools were implemented to improve the productivity of the organization. This research identified that several aspects of lean manufacturing can help to increase the productivity and efficiency of the knitting sector especially Dynamic Sportswear Pvt. LTD. These were somewhat not in the practices of Dynamic Sportswear Pvt. LTD. However, their implementation improved the system and especially removes several drawbacks in Dynamic Planning.

Chapter 1

Dynamic Sportswear

Introduction

Start with production processes in a textile manufacturing unit in which you were interested, explanation of productivity, PPC, lean manufacturing, etc. Nobody is interested in Dynamic Sportswear. You can explain processes of Dynamic Sportswear only after explaining your methodology, viz. case study approach. Only then you can explain the organization of interest in the context of that methodology.

A knitting brand from the industry which has provided excellent quality socks and knitted wearing to international brands known as Dynamics Sportswear and one of the largest manufacturer and exporters of socks from Pakistan. It is a leading business in Pakistan since 1992 and in one of the biggest manufacturer and exporters in Pakistan with 350 machines and turnover of US\$16 million per annum. The international brands such as Levis, Dockers, Nine West, Fruits of London, Converse, Wrangler, Dunlop and Umbro are making its associations and collective collaboration with Dynamic Sportswear. Some of the departmental stores such as Target, Kohl's, Mal-wart and Mervyns are also among the stores where the products are being displayed by the brands who are in contact with Dynamic for their products.