

**University of Management and Technology**

**B.S (Hons.) Textile Engineering**



**Research Project Report**

**REDUCTION OF FAULTS IN SEWING ON  
DENIM GARMENT**

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**Date of Submission 01-06-2017**

# ACKNOWLEDGEMENT

We would like to thank to our gratitude to Prof. Dr. Mumtaz Hassan Malik Dean School of Textile & Design. Our Project Supervisor Prof. Asif Mangat and Prof. Usman who helped us a lot to in completion of this project at 11<sup>th</sup> hour. And we also like to give thanks especially Assistant Manager production, US Apparel, Moin-ud-Din Chishti for supervision and guidelines to Experimental work to complete our project. We wish to express our deepest sense of gratitude and sincere thanks to all the officials of administration, production department of US Apparel & Textile for giving us an opportunity to work in a professional environment and to complete our project.

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# DECLARATION

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# ABSTRACT

Stitching is the major process of garment industry. In this section, the faults that occur are countless. On the other hand, we need to be vigilant towards these faults and keep an eye on them to eliminate them to improve our production process, quality as well as to save our time and cost. Our main focus is to check the Faults which are occurring in the line and to give quick remedies to some of them. Sewing fault in the garments industry is a common issue that effects the smooth production. Focusing on faults can put a good impact on overall factory economy. Minimization of sewing fault is a must for quality and productivity improvement. Sewing fault is an issue for poor quality product and low production rate. There is no ready-made solution that can reduce rejection percentage overnight. Each order is unique. But this paper work suggests how to handle such problems and bring down rejection rate to minimum with quality production. Sewing fault increases of rework time, causes of sewing fault poor product quality. So, the main purpose of this project is Minimization of the sewing fault and reworking cost save.

We did this project in US Apparel's Stitching no 6. Checked many faults comprising of major, minor and critical at initial levels. At the end, we decided to check up on 2 stitching lines. The things that we observed is the handling of operator, how the faults are occurring in line and their quality inspection standard. The method which we have chosen to remove these faults is done by 7/0 system.

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**CHAPTER - ONE**

**INTRODUCTION**

## 1. Introduction

For each industry to get high profits and higher title among shoppers and kindred associations it is major to keep a level of best. In the article of clothing endeavor top notch control is polished right from the underlying phase of sourcing crude materials to the phase of extreme finished piece of clothing. For material and clothing undertaking item outstanding is ascertained as far as high caliber and basic of strands, yarns, material building, shading speed, surface outlines and the last completed piece of clothing stock. There is an amount of reasons on which best strength of article of clothing industry is set up like proficiency, unwavering quality, sturdiness, obvious and saw awesome of the piece of clothing. Attractive wishes to be sketched out as far as an itemized structure of rate. Fabric deformities are a consistent and enduring with bother inside the make of garments. Regardless of critical upgrades in yarn creation framework and sewing and weaving machines, it isn't reasonable at the overall time to manufacture sickness free texture. In an innovation whilst "0 deformities" is the reason for most texture generators, it should be conceded that this still remains an expectation and now not a proficient objective. Defects in material make immense issues for the garments maker and a spread of frameworks was progressed to address the deformity bother.