TITLE: EFFICIENCY IMPROVEMENT OF PROCESS CONTROL: A CASE STUDY TO IDENTIFY AND ANALYZE FACTORS INVOLVED IN INEFFICIENT PROCESS CONTROL IN TEXTILE INDUSTRY

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SUMMARY:
The most straightforward approach to portray waste is as "Something that includes no Value. Waste is something the client won't pay for. We ought to dispose of all types of wastes in any procedure or item until just what are important remains. Waste management is every one of the exercises and activities required to manage wastes from its origin to its last state. Lean manufacturing is a systematic method for the elimination of waste within a manufacturing system. Lean manufacturing makes obvious what adds value, by reducing everything else (which not adding value), because Waste identification and consequent elimination is a standout amongst the best approaches to expand the profits and suitability of any business.

PROBLEM STATEMENT:
Waste is anything that does not have value or does not include value. The driving of a lean manufacturing implementation is greatly hindered by the lack of management support and ineffective waste management within the organization. Better waste management is inevitable for organizations attributable to the lean implementation, because Lean manufacturing has an essential and significant part in distinguishing and decreasing the waste.

METHODOLOGY:
In the first step of our work we review the literature related to the current research work. Then in second step we will do Survey to measure the opinions or experiences of a group of people through the asking of questions. Then we will Design a questionnaire in the form of printed or written questions with a choice of answers. After constructing the questionnaire, then we will analyze the data gathered from questionnaire and survey using SPS/Ms Excel. At last with the help of analyzed data, we will formulate results and make recommendations accordingly to improve the efficiency of process control of textile unit.

RESEARCH OBJECTIVES:
   a. Analyze and explore the factors involved in inefficient process control to get a Considerable increment in profitability using effectively implemented lean manufacturing practices.
   b. To get the data using survey based on the following variable: Waiting-time waste, Over-production waste, Waste of Rejects, Motion waste, Processing waste, Inventory waste, Transport waste
   c. To analyze data gathered from survey and propose solution to increase efficiency of process control industry through Implementation of lean manufacturing in order to proper waste management within the organization.

EXPECTED FINDING:
The results of the surveys conducted from questionnaire sampling and technical data collections shall be studied in parallel. The findings would be summarized in terms of variables such as the impact of wastes on the process capabilities and on economics aspects as well. This will help in finding the loop holes in the existing system. A modified framework will be proposed which includes a survey based qualitative analysis. By taking reviews of front line people and managerial staff after survey about waste management through lean practices we would be able to improve efficiency analysis of process control of textile industry.