

MANUFACTURING STATISTICAL PROCESS CONTROL APPROACH

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ABSTRACT

My project - *Manufacturing Statistical Process Control Approach* is a simple statistical calculation technique to help identify process problem. This programming project can be easily implemented in manufacturing which allows users to have a clearer picture of process controlling. To ensure a user-friendly product, the software is designed using a user-centered approach – Visual Basic. The aim of the program is thus to fully interpreting the data collected from the gathered information. This project reports the outcome of research conducted to establish a thorough understanding of the principles behind the technique displayed. It suggests how the requirements may be derived using a systematic approach involving basic statistical analysis. Based on the recording, a control chart may then be developed to elicit user feedback.