

REDUCING THE SHORTAGE OF GREEN TYRE IN TYRE MANUFACTURING PROCESS

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ABSTRACT

Tyre manufacturing is an ever growing industry which annually produces more than a billion tyres world over. Standardized tyre manufacturing process includes mainly of compounding and mixing, component manufacturing and assembly, curing and finishing steps. Out of these steps tyre building is the process in which the materials are assembled to obtain the final shape and dimension. This is called the green tyre. The aim of this study is to find out the major causes affecting the shortage of green tyre in tyre building machine and to give suggestions to overcome these causes. In this paper Root cause analysis is done in order to find out the major problems affecting the green tyre shortage and some suggestion were also given to reduce these shortage.

KEYWORDS: Cause and Effect Diagram, Pareto Chart, Root Cause Analysis, Green Tyre