

ANALYSIS OF PRESENT LAYOUT OF EASTERN TUBES LIMITED (ETL) AND SUGGESTION FOR FURTHER IMPROVEMENT

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ABSTRACT

Many industries are running their industry despite of huge wastage and production loss. There are many reasons of being closed down of these industries. Layout is one of the reasons. A proper layout can minimize the production loss and on the other hand an improper layout can increase the production loss. Layout refers to the specific configuration of physical facilities in an organization. Objective of layout strategy is to develop an effective and efficient layout that will meet the firm's competitive requirements. This project focuses on present layout and improvement of present layout of a local tube light company (Eastern Tubes Ltd.). During this project, the existing layout was studied and the problems of the existing layout were identified. Idle time and task time were calculated to find out the efficiency of existing and proposed layout. Key factors related to the layout of production floor were studied and by considering those factors, a new redesigned layout of the production floor was proposed in our study report.

KEYWORDS: Layout, Efficiency, Idle Time, Task Time