

“MOST”-AN EFFECTIVE TOOL FOR MANPOWER ESTIMATION AND PRODUCTIVITY IMPROVEMENT

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Abstract

Productivity is being the most important thing in the manufacturing world. Improvement in productivity through work measurement provides the management with a means of measuring the time taken in the performance of an operation or a series of operation in such a way that inefficient time is shown up and can be separated from ineffective time .This paper highlights a methodology developed for minimization of non-productive activities in an assembly line. The case study was conducted in tractor manufacturing unit having a dedicated assembly line for tractor engine. The study conducted using MOST (Maynard’s Operation Sequence Technique) revealed the excessive movements of the operators that significantly added to the basic work content. The necessary changes were suggested in workplace layout to minimize the stress creating unproductive movements. The paper, it is believed, would be of great help to those working in the area of efficiency improvement in automobile industry.

Keywords : MOST, Non Value Added Activities, Total Work Content, Manpower estimation, Time Available to Complete Task, Productivity improvement.