AN ELIMINATION TYPE OF POKAYOKE- A GAME CHANGER TOOL IN THE PROPELLER SHAFT ASSEMBLY

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\textbf{ABSTRACT}

Monitoring the Industrial OEE (Overall Equipment Effectiveness) \cite{3,4}is now a day’s a very essential concern for optimizing the use of the resources and tracking the efficiency of the manufacturing organization. To produce the goods with no errors is really a challenge in this era. Pokayoke \cite{1} is a Japanese term; which means “Mistake Proofing” and most widely used in automotive industries to eliminate defect and possibility of producing the defective parts. “Elimination” is one of the type of the Pokayoke system; which is generally adopted to eliminate the possibility of the chance error during the operation. This tool is used in Propeller Shaft manufacturing organization; especially in Propeller Shaft assembly; resulting in the productivity optimization which is achieved more than 50%, another breakthrough is 20% saving in “rework” parts and 30% “Not ok” parts are saved out of the total propeller shafts considered for trial.

\textbf{KEYWORDS}: Productivity Optimization, Propeller Shaft Assembly & Mistake Proofing

Received: Jul 19, 2018; Accepted: Aug 09, 2018; Published: Sep 01, 2018; Paper Id.: IJMPERDOCT201825