

ANALISIS PENYEBAB KEGAGALAN KOMPONEN RADIO KAYU DI CV. PIRANTI WORK

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Abstract

Failure occurs when the workpiece stop doing one or more functions that should be good before self service expected to achieve, it can be said workpiece fails or is damaged. Failure can affect the output of production. As in the Piranti Work failures affecting production yield.

At the Root Cause Analysis (RCA) an event or problem is identified the root cause. Root Cause Analysis (RCA) is a process used in investigating and classifying the roots of the problems incidents that may affect the safety, health, environment, quality, reliability and production. Root Cause Analysis (RCA) on the CV. Piranti Works is used to identify failures that affect the outcome of production.

In this study integrated Fault Tree Analysis (FTA) and Barrier Analysis as a method to identify the root cause of the problem. Fault Tree Analysis describes how an event affects the occurrence of failure. While on Barrier Analysis to determine the barriers that occur so that it can lead to failure. So that improvements can be made based on the root of the problem is found and the failures are not re-occur.

Kata Kunci : kegagalan, Root Cause Analysis, Fault Tree Analysis, Barrier Analysis