ABSTRACTION

PT.EMOMI is a company which has mission to operate and to maintain power plant in Paiton Probolinggo. One of sub system in power plant is mill system for boiler. The failure out of routine maintenance task can reduce machines reliability in that sub system.

RCM (reliability Centered Maintenance) is the type management of maintenance based on reliability, that is done both qualitative and quantitative analysis. For qualitative analysis, is used Failure Mode and Effect Analysis (FMEA), in spite of quantitative analysis is used direct calculation method with added Weibull 4++ software.

Thorough analysis sub system for range January,2003 to June,2004 is reported that reliability pulverizers while Mean time between failure(MTBF) is Pulverizer 7A \( R_{MTBF=1670.2}=36.43\% \), Pulverizer 7B \( R_{MTBF=1126.5}=31.39\% \), Pulverizer 7C \( R_{MTBF=590.8}=35.2\% \), Pulverizer 7D \( R_{MTBF=804.9}=27.5\% \), Pulverizer 7E \( R_{MTBF=2496.9}=23.9\% \) dan Pulverizer 7F \( R_{MTBF=745.7}=35.7\% \). In spite of qualitative analysis is supported RCM II method, is reported detail type of maintenance such as: preventive maintenance 46 item, predictive maintenance 11 item, failure finding task 6 item, No Sheduled Maintenance 86 item and analysis separately 7 item.