

ABSTRACT

PT PINDAD (PERSERO) is an Indonesian company that engages in the primary production of weapon systems and commercial products. PT PINDAD (PERSERO) produces weapons, ammunitions, exclusive vehicles, explosives, component products, various tools and infrastructure in relation to transport, as well as heavy equipment and machineries. With these processes of production, regular upkeeping is needed when machinery breakdowns occur. Maintenance and repairment is an important aspect as it minimizes production failures and errors. The Huron machine is one of the equipment used in the upkeeping process by PT PINDAD (PERSERO). The observations of this report are to identify the culprit of breakdowns of the Huron machine, to determine the COUR value of the Huron machine and the effects of using the COPM analysis that is required to identify weaknesses in the upkeeping performance at PT.PINDAD (PERSERO). From the processed data achieved with the COUR method, a cost estimation is attained by poor system due to corrective time at Rp 130.119.673 and due to downtime at Rp 1.370.731.116.. Meanwhile, for the COPM analysis, three types of activities were found to be in need of optimization and three types of activities were found to be in need of reduction. Therefore, the activities required for optimization are maintenance activities of other materials for maintenance, lubrication and logistics. On the other hand, the activities that are needed to be reduced are times for lost productions, times for maintenance activities and the maintenance of exchange parts.

Keywords: *Maintenance, Preventive Maintenance, Corrective Maintenance, Cost of Unreliability, Cost of Poor Maintenance*