

ABSTRACT

In a creation of a product requires the machine as a means of supporting the implementation of the production process, a machine can not be used continuously since it has a limit of age to operate, then to extend the life of a machine as well as loss of good material or personnel damage can be avoided as early as possible atreatment. PT. AGRONESIA Divisi Industri Es Saripetojo is a company that produces ice beam with a capacity of 25 kg and 50 kg. One of the most important machines for producing ice beam are ice mold, the ice mold very susceptible damage compared to other tools/machines used in the manufacture of ice beam, it has not caused the existence of adequate care system as well as the system of corrective maintenance companies do but in practice the employee on duty was not able to exercise his duties due to the employees of machining process focuses on only the ice beam. From the results of the data processing on the company's current condition, namely the budget issued to perform the treatment against the ice mold is Rp180.000.000,00 per year. But with the evaluation of the calculation of the cost of corrective maintenance system should the company have to pay Rp332.307.684,00 per year. With the calculation of the probability method of wear for the estimated cost of analyze policy of preventive maintenance is Rp226.841.384,00 per year. As for the schedule maintenance scheduled on every 9 months with an estimated cost of Rp164.122.000,00 with an estimated 440 engine that would be broken to do maintenance.

Keywords: Corrective maintenance, Preventive maintenance, Cost