

ABSTRACT

PT Combiphar is a company that produces drugs and one of the products produced is OBH. Most of the production activity uses machines. The problem faced was sudden damage to the Fillomatic Rotary Liquid Filler & Capper Vectra 4012 SB machine with 41 times the amount of damage in the period January-December 2018. The purpose of this study was to determine the consequences of the machine's unreliability. The method used is the Cost of Unreliability to determine the company's losses due to engine failure. From the results of the risk matrix, it is known that the system has a high risk value, namely the mechanical system, while for the critical subsystem obtained conveyor, center plate, capper and star wheel so that research will focus on the four subsystems. Based on the COUR calculation results, obtained corrective money lost value of Rp14.260.567.697,19 downtime money lost worth Rp33.112.418.213,73. After the COUR value is known, the business risk matrix is used to determine the company's business consequences and the four subsystems are included in the red area, which means further improvements are needed to reduce the high consequences.

Keywords : Cost of Unreliability , Corrective , Downtime, Business Consequence.