

## **ABSTRAK**

*Penelitian ini bertujuan untuk mengetahui kinerja mesin Auto Stripper di PT. Medisafe Technologies menggunakan metode Overall Equipment Effectiveness, mengetahui nilai faktor six big losses yang mempengaruhi rendahnya nilai OEE pada mesin Auto Stripper dan melakukan analisis terhadap faktor yang paling berpengaruh untuk dilakukan perbaikan dengan menggunakan cause and effect diagram. Overall Equipment Effectiveness (OEE) merupakan metode yang dapat digunakan untuk mengukur efektivitas mesin yang didasarkan pada 3 faktor yaitu ketersediaan waktu kerja (availability), performa mesin (performance) dan kualitas produk (quality). Diperoleh nilai OEE mesin Auto Stripper di PT. Medisafe Technologies periode Januari-Oktober 2022 yaitu Januari 2022 (94,86%), Februari 2022 (92,52%), Maret 2022 (91,80%), April 2022 ( 84,20%), Mei 2022 (92,92%), Juni 2022 ( 91,46%), Juli 2022 (83,11%), Agustus 2022 (91,34%), September 2022 (93,25%) dan Oktober 2022 (77,99%). Faktor six big losses yang mempengaruhi rendahnya nilai OEE adalah Idling and Minor Stoppages Losses sebesar 38,44%. Faktor yang paling berpengaruh untuk dilakukan perbaikan dengan menggunakan cause and effect diagram adalah manusia, material, metode, mesin dan lingkungan. Berdasarkan hasil analisis penyebab terjadinya kegagalan yaitu kerusakan mesin, mesin sering breakdown dan teknisi kurang memahami kemampuan mesin, sehingga disarankan untuk lebih memperhatikan kinerja mesin dengan melakukan perawatan mesin secara berkala.*

**Kata Kunci:** *Overall Equipment Effectiveness (OEE), Six Big Losses, Idling & Minor Stoppages Losses, Auto Stripper*

## **ABSTRACT**

*This research was conducted to determine the performance of the Auto Stripper machine at PT. Medisafe Technologies uses the Overall Equipment Effectiveness method, determines the value of the six big losses factors that affect the low OEE value on the Auto Stripper machine and performs an analysis of the most influential factors for improvement using cause and effect diagrams. Overall Equipment Effectiveness (OEE) is a method that can be used to measure machine effectiveness based on 3 factors, namely availability, machine performance and product quality. The OEE value of the Auto Stripper machine was obtained at PT. Medisafe Technologies for the January-October 2022 period, namely January 2022 (94.86%), February 2022 (92.52%), March 2022 (91.80%), April 2022 (84.20%), May 2022 (92.92) %), June 2022 (91.46%), July 2022 (83.11%), August 2022 (91.34%), September 2022 (93.25%) and October 2022 (77.99%). The six big losses factors that affect the low OEE value are Idling and Minor Stoppage Losses of 38.44%. The most influential factors for improvement using cause and effect diagrams are people, materials, methods, machines and the environment. Based on the results of the analysis of the causes of failure, namely engine damage, frequent machine breakdowns and technicians do not understand the machine's capabilities, so it is advisable to pay more attention to machine performance by carrying out periodic machine maintenance.*

**Keywords:** Overall Equipment Effectiveness (OEE), Six Big Losses, Idling & Minor Stoppages Losses, Auto Stripper.