

## ABSTRACT

*The quality of preventive maintenance at PT Cipta Kridatama MHU project (Multi Harapan Utama) has not getting maximum results. The quality of preventive maintenance can be seen from the KPI value of the mean time first stoppage after preventive maintenance which tends to decrease from 2020 to October 2021. This study aims to determine the effect of KPI service accuracy and schedule compliance on the mean time of first stoppage after preventive maintenance.*

*The method used in this research is descriptive with a quantitative approach and multiple linear regression analysis. Test data was obtained from monthly report data from the office. The data used is data from 2020 to October 2021 at PT Cipta Kridatama Multi Harapan Utama project.*

*The results of the analysis of this study indicate that service accuracy and schedule compliance have a positive influence on the mean time of first stoppage after preventive maintenance. The relationship between service accuracy and schedule compliance is 0.117 with a mean time of first stoppage after preventive maintenance.*

*Keyword: Service Accuracy, Schedule Compliance, Mean Time First Stoppage After Preventive Maintenance*

## INTISARI

Kualitas *preventive maintenance* pada PT Cipta Kridatama proyek MHU (Multi Harapan Utama) belum mendapatkan hasil yang maksimal. Kualitas dari *preventive maintenance* dapat dilihat dari nilai KPI *mean time first stoppage after preventive maintenance* yang cenderung menurun dari tahun 2020 sampai oktober 2021. Penelitian ini bertujuan mengetahui pengaruh KPI *service accuracy* dan *schedule compliance* terhadap *mean time first stoppage after preventive maintenance*.

Metode yang digunakan dalam penelitian ini adalah deskriptif dengan pendekatan kuantitatif dan analisis regresi linier berganda. Data pengujian yang didapatkan dari data laporan bulan dari kantor. Data yang dipakai merupakan data sejak tahun 2020 sampai oktober 2021 pada PT Cipta Kridatama proyek MHU (Multi Harapan Utama).

Hasil analisis dari penelitian ini menunjukkan bahwa *service accuracy* dan *schedule compliance* memiliki pengaruh positif terhadap *mean time first stoppage after preventive maintenance*. Hubungan *service accuracy* dan *schedule compliance* sebesar 0,117 dengan *mean time first stoppage after preventive maintenance*.