

## ABSTRACT

### **Analysis of the Implementation of Railroad Maintenance on the Tanah Abang – Manggarai Cross During The Covid-19 Pandemic (Case Study : Tanah Abang 1.5 Rail Road Resort)**

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The train is one of the modes of public transportation which is an alternative to the selection of an effective mode in people's lives so that more and more people use the rail transportation mode in traveling, the implementation of railroad maintenance is the most important aspect in producing a safe and comfortable journey so that regardless of on the occurrence of an accident. This study discusses the maintenance of rail road carried out by PT. Indonesia Railways (KAI) at the Tanah Abang 1.5 Railroad Resort with the aim of knowing the rail road maintenance system and cycle during Covid-19 pandemic and also knowing the passing tonnage on the Tanah Abang – Manggarai crossing by adjusting the facility support book, 2021 train travel chart as well as knowing the impact of the Covid-19 pandemic on the rail road maintenance cycle, in order to achieve the objectives of this study, it was obtained by searching for secondary data, reference books or journals, conducting interviews, and field observation. From the result of the analysis that has been carried out, it result that the Tanah Abang – Manggarai route is included in road class 1 with 2<sup>nd</sup> UIC category with a traffic carrying capacity calculation of  $34.8 \times 10^6$ . For the system and cycle of maintenance of the Tanah Abang 1,5 resort rail road, it s still under planned maintenance (Schedule maintenance) and has not experienced the impact of the Covid-19 pandemic, but for the workforce it is still said to be not ideal.

**Keywords** : Train, Tanah Abang 1.5 Railroad Resort, Maintenance Cycle, Passing Tonnage, 2021 Rail Trip Chart

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