

ABSTRACT

PROJECT LABOR PRODUCTIVITY ANALYSIS (CASE STUDY OF THE TOKYO REVERSIDE APARTMENT PIK 2)

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Productivity of construction workers is the most important thing in all construction projects in determining the successful implementation of the construction project schedule. The amount of productivity shows the ability of the workforce to complete the specified quantity of work. In the process of implementing construction projects directly in the field, there are many things from the workers that can reduce their productivity at work and slow down the implementation of the construction project schedule, workers are ineffective, such as being unemployed, chatting, eating, drinking, and smoking outside break hours, and etc. The author will conduct research on labor productivity based on the level of effectiveness at work (labor utilization rate). The data search process was carried out by direct field observation and filling out questionnaires. Based on these problems, the author will conduct a study on labor productivity in an ongoing development project, namely the Tokyo Riverside PIK 2 Building Construction Project. The results of the required productivity data can be obtained from labor productivity research on ongoing work during working hours. Based on the results of the calculation of the Slovin formula to get 199 workers. From this data, a large percentage of LUR (Labour Utilization Rate) will be obtained which shows the productivity value of each worker. From the results of the study, it can be seen that the largest value (LUR) was carried out by Jimron, which was 86.79%. While the average value of LUR Total is 79.32%. Based on the results of data processing on the productivity level (LUR) of each worker on the work on the Tokyo Reverside Apartment PIK 2 project, it can be seen that the average productivity level of LUR (Labor Utilitation Rate) is 79.53% > 50%. So from the data obtained, it can be concluded that the level of work productivity on the project is satisfactory, because the LUR (labor utilization rate) value is more than 50%.

Keywords : Analysis, Productivity, Labor utilization rate.

Libraries : 26

Publication Years : 1995 – 2021