

**FACTORS AFFECTING LABOR'S PRODUCTIVITY
ON CONSTRUCTION PROJECT IN MAGELANG**

Final Project



by:

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**INTERNATIONAL CIVIL ENGINEERING PROGRAM
DEPARTMENT OF CIVIL ENGINEERING FACULTY
OF ENGINEERING UNIVERSITAS ATMA JAYA
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Final Project

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ON CONSTRUCTION PROJECT IN MAGELANG**

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Have been approved by the Supervisor

Yogyakarta, July 15th 2019

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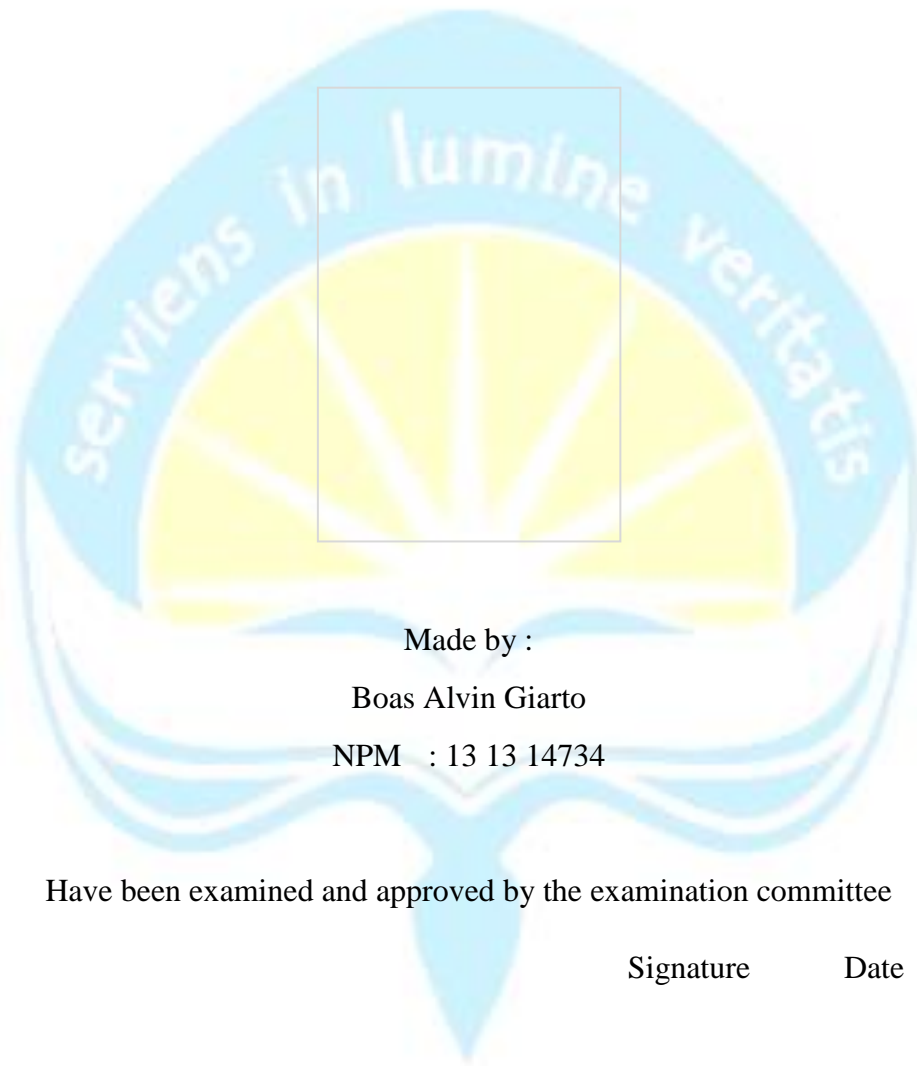
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APPROVAL SHEET

Final Project

**FACTOR AFFECTING LABOR'S PRODUCTIVITY
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STATEMENT

I signed below, stating that the final project with the title:

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It is the result of my own work and not a result of plagiarism of others people's work. Ideas, research data, and quotes directly or indirectly derived from the writings or ideas of others expressly provided in this Final Project. If it is proved later that the Final Project is the results of plagiarism, which I get the certificate would be canceled and I will return to the Rector of the University of Atma Jaya Yogyakarta.

Yogyakarta,2020

Who made the statement

(Boas Alvin Giarto)

ACKNOWLEDGEMENT

This report was completed as a requirement for final project course in Atma Jaya University Yogyakarta. First and foremost, I'd like to thank my Lord and Savior, Jesus Christ, for his blessing therefore I can prepare and finish this final project. I also would like to express gratitude to:

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Writer's understand that this report may have mistaken and have space for further improvement. Due to this reason, any suggestion and critics will be accepted. Finally, I hope this report may be useful for the reader and me.

Yogyakarta, 2020

Boas Alvin Giarto

ABSTRACT

FACTORS AFFECTING LABOR'S PRODUCTIVITY ON CONSTRUCTION PROJECT IN MAGELANG, Boas Alvin Giarto, Student ID Number 13 13 14734, year of 2020, Construction Management, International Civil Engineering Program, Department of Civil Engineering, Universitas Atma Jaya Yogyakarta.

Productivity is one of the measuring tools for companies in assessing the work performance achieved by their worker. Lack of attention to productivity will be make unsatisfactory for the result. According to Nitisemito (2000), there are several factors that affect worker productivity such as; education and training, nutrition and health, motivation, job opportunities, opportunities for achievement, government policy, the skills of the worker themselves, technology, environment and work climate, work attitudes and ethics, and discipline. Construction activities are carry out in various regions in Indonesia, one of that is in the Magelang, Central of Java. This study focused on factors affecting labor's productivity on construction projects in Magelang.

The analysis data had been use descriptive analysis and statistic analysis with SPSS 23.0 software. Field research was carried out by distributing questionnaires directly with randomize twenty-four construction projects located in several area of Magelang where the questionnaire respondents are site managers.

From the result of every factor that affecting labor's productivity, there is no significant affect of every factor except number of family dependents factor which has positive relation ($B = 0.760$). It means according to the perceptions of site managers in Magelang, if the number of dependents in the family increases by a few people, the labor's productivity will be even higher. R^2 value is 0.655. It means the affect of independent variables on the dependent variable is 65.50%.

Keywords: Productivity, number of family dependents factors, wage factors, field condition factors, weather factors, experience factors, age factors, education factors

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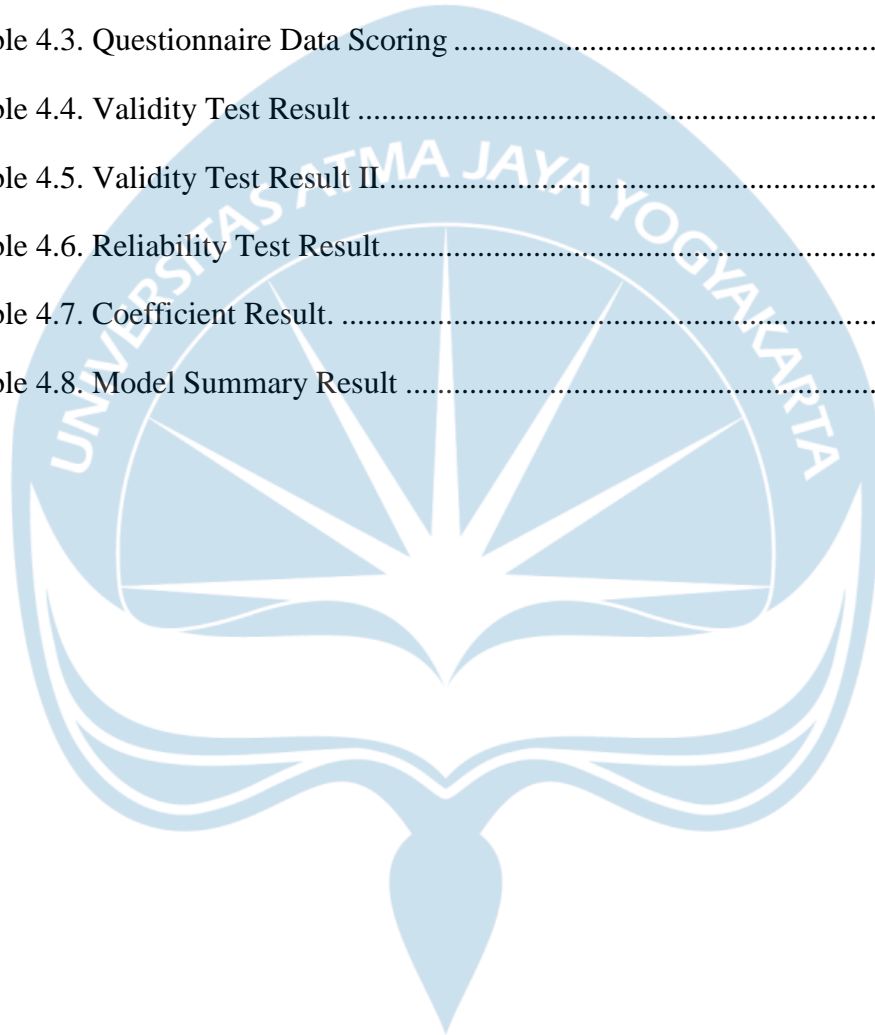
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