FINAL PROJECT

QUALITY CONTROL ANALYSIS IN PROJECT DEVELOPMENT WAREHOUSE PT SANTOS JAYA ABADI SIDOARJO USING THE PROCESS DECISION PROGRAM CHART METHOD

Arranged By :

YOHANES USMAN NANDYANTO

1431900009

CIVIL ENGINEERING STUDY PROGRAM

FACULTY OF ENGINEERING

UNIVERSITAS 17 AGUSTUS 1945 SURABAYA

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Compiled as a Requirement to Obtain a Bachelor of Engineering Degree
Universitas of 17 Agustuss 1945 Surabaya

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"Quality Control Analysis In Project Development Warehouse PT Santos Jaya Abadi Sidoarjo Using Process Decision Program Chart Mehod"

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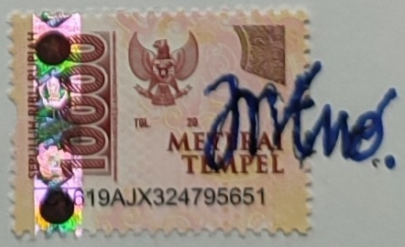

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PREFACE

Praise God Almighty because the researcher can complete the Final Project entitled "Quality Control Analysis In Project Development Warehouse PT Santos Jaya Abadi Sidoarjo Using Process Decision Program Chart Mehod". This Final Project is one of the academic requirements for completing undergraduate studies in the Civil Engineering Department, Faculty of Civil Engineering, Universitas 17 Agustus 1945 Surabaya.

This Final Project has been compiled by the researcher to the maximum and has received assistance from various parties, book references, journals, articles and other sources. For that, the researcher expresses many thanks to those who have contributed to making this Final Project.

Apart from all that, the researcher fully realizes that there are still shortcomings in sentence structure and grammar. Therefore, with open arms, the author accepts all suggestions and criticisms from readers so that the author can improve this final project. For that, the researcher would like to thank several people who were very instrumental incompleting this final project including:

1. Martinus Sudarman, S.Pd. and Margaretha Sri Haryanti, S.E. As my parents who always support and pray for my best.
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4. Mr. Masca Indra Triana, S.T., M.S.M, as the Advisory Lecturer Second for the Final Project always encourages and provides direction in every process so that this final project can be completed very well.
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17. Myself, who has struggled to complete this report without weariness and time.
18. For everyone that I have not mentioned but who helped me during the preparation of the Final Project, I said thank you.

Researcher realizes there are still many shortcomings and limitations in preparing this Final Project. Therefore the researcher hopes for constructive criticism and suggestions from various parties. Hopefully, this Final Project can be useful literature for readers. Thank you.

Surabaya, 05 Juni 2023

Researcher

QUALITY CONTROL ANALYSIS IN PROJECT DEVELOPMENT WAREHOUSE PT SANTOS JAYA ABADI SIDOARJO USING THE PROCESS DECISION PROGRAM CHART METHOD

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ABSTRACT

Construction projects are growing wider and more complex in terms of physical and cost. In practice, a project has limited resources in people, materials, costs, or tools. Construction project must have quality control to guatantee safety worker. However, even though technical specifications have been prepared, deviations in quality during construction project implementation always occur. In project construction PT Santos Jaya Abadi quality control are planned but not implemented in its totality. The problem in this project contruction quality control in each work don't implemented well. Neglected quality control can lead to the risk of work accidents in the construction environment.

This research was conducted on structure work, structure work consists of colomn, beam, and floor plate. This research use descriptive statistics method, questionnaires distributed to project construction warehouse PT Santos Jaya Abadi, with the respondents from project managers to workers. After that were analyzed using the Process Decision Program Chart and AZ/NZS to know level risk.

The analysis quality control and analysis risk show that quality control have a effective and well implemented in project contruction, with the result in structure work such as beam work and column work have the same percentage of 76% and floor plate work has a percentage of 72%. While on structure work such as beam has risk level value 7.49, column structure work with a value of 7.42, floor plate structure work with a value of 6.43.

Keyword : *Quality control, Analysis Risk, Process Decision Program Chart*

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