

IMPROVING EFFICIENCY IN DETERMINING THE QUANTITY OF RAW MATERIALS (Duplex and PET) USING VISUAL BASIC FOR APPLICATION

UNDERGRADUATE THESIS

Submitted as one of the requirements to obtain Sarjana Teknik (S.T.)

By NATALIA D.S NAINGGOLAN ID No. 004201900032

FACULTY OF ENGINEERING
INDUSTRIAL ENGINEERING STUDY PROGRAM
CIKARANG
JUNE, 2023

PANEL OF EXAMINER APPROVAL

The Panel of Examiners declare that the undergraduate thesis entitled

"IMPROVING EFFICIENCY IN DETERMINING THE QUANTITY OF RAW MATERIALS (Duplex and PET) USING VISUAL BASIC FOR APPLICATION" that was submitted by NATALIA D.S NAINGGOLAN majoring in Industrial Engineering from Faculty of Engineering was assessed and approved to have passed the Oral Examination on Tuesday, 14 June 2023.

Panel of Examiner

Dr. Ir. Mohamad Toha, M.T.

Chair of Panel Examiner

Adi Saptari, M. Sc., Ph. D.

Examiner I

THESIS ADVISOR RECOMMENDATION LETTER

This Final Project entitled "IMPROVING EFFICIENCY IN DETERMINING THE QUANTITY OF RAW MATERIALS (Duplex and PET) USING VISUAL BASIC FOR APPLICATION" prepared and submitted by Natalia D.S Nainggolan in partial fulfillment of the requirements for the degree of Bachelor Degree in the Faculty of Engineering has been reviewed and found to have satisfied the requirements for a thesis fit to be examined. I therefore recommend this thesis for Oral Defense.

Cikarang, Indonesia, June 14th, 2023

Anastasia Lidya Maukar, ST., MSC., M.MT.

STATEMENT OF ORIGINALITY

In my capacity as an active student of President University and as the author of the thesis/<u>final project</u>/business plan (underline that applies) stated below:

Name : Natalia D.S Nainggolan

Student ID number : 004201900032

Study Program : Industrial Engineering

Faculty : Engineering

I hereby declare that my thesis/final project/business plan entitled "IMPROVING EFFICIENCY IN DETERMINING THE QUANTITY OF RAW MATERIALS (Duplex and PET) USING VISUAL BASIC FOR APPLICATION " is to the best of my knowledge and belief, an original piece of work based on sound academic principles. If there is any plagiarism detected in this thesis/final project/business plan, I am willing to be personally responsible for the consequences of these acts of plagiarism and will accept the sanctions against these acts in accordance with the rules and policies of President University.

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IMPROVING EFFICIENCY IN DETERMINING THE QUANTITY OF RAW MATERIALS (Duplex and PET) USING VISUAL BASIC FOR APPLICATION

By

Natalia D.S Nainggolan

ID No. 004201900032

Approve by

Anastasia Lidya Maukar, ST., MSC., M.MT.

Thesis Advisor

Ir. Andira Taslim, M.T

Program Head of Industrial Engineering

SIMILARITY CHECKING RESULT

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