

AUTHENTICITY STATEMENT

For the sake of Allah, I confess that this research was conducted by me except for the summaries of the sources that have been cited and mentioned. If in the future my confession is proved to be wrong and dishonest resulting in the violence of legal regulation of the papers and intellectual property rights, then I am willing to return my degree I received to be withdrawn by Universitas Islam Indonesia.

Yogyakarta, September 2019



Muh Ardwick

THESIS APPROVAL OF SUPERVISOR

APPLICATION OF FUZZY ANALYTICAL HIERARCHY PROCESS FOR
PUMP SUPPLIER SELECTION
(CASE STUDY: PT.MADUBARU PG.MADUKISMO)



Muhammad Ridwan Andi Purnomo, ST., M.Sc., Ph.D.

THESIS APPROVAL OF EXAMINATION COMMITTEE

APPLICATION OF FUZZY ANALYTICAL HIERARCHY PROCESS FOR
PUMP SUPPLIER SELECTION

(Case Study: PT. Madubaru PG. Mduksimo)

By:

Name : Muh Ardwika

Student Number : 14522216

Had been defended in front of Examination Committee in Partial Fulfillment of the
requirements for Bachelor Degree of Industrial Engineering Department
Universitas Islam Indonesia

Examination Committee

Muhammad Ridwan Andi Purnomo, ST., M.Sc., Ph.D

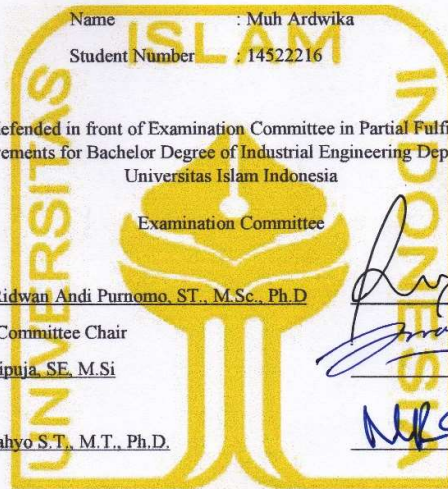
Examination Committee Chair

Punang Amaripuja, SE, M.Si

Member I

Winda Nur Cahyo S.T., M.T., Ph.D.

Member II



Acknowledged by,
Head of Undergraduate Program Department Industrial Engineering
Faculty of Industrial Technology
Universitas Islam Indonesia



Dr. Taufiq Imawan S.T., MM.

MOTTO

“The two most important day in your life are the day you are born, and the day you find out why” –Mark Twain 2018

“Love your life, like you love your Adventure”

PREFACE

Assalamualaikum Warahmatullahi Wabarakatuh

Alhamdulillahirabbil'alamin, gratitude and praise to Allah Subhanahu Wata'ala for the strength, grace, and guidance, to help the Author in completing this undergraduate thesis. Sholawat and gratitude from Rasulullah Shallallahu'alaihi Wasallam with his family and friends that we await syafaat in the end of the day.


The guidance, support and many helps, either directly or indirectly, from some parties involved. On this occasion, Author would like to appreciate and thank to all of the parties below:

1. My beloved family members who always give prayers, supports, and encourage Author during conduct and completing this Undergraduate Thesis.
2. Muhammad Ridwan Andi Purnomo, ST., M.Sc., Ph.D. as the supervisor who always guidance and provide knowledge to assist Author in completing this Undergraduate Thesis.
3. Mr. Taufiq and Ms. Sri Hartini and all staff of PG. Madukismo which already help author in this thesis.
4. Dean of the Faculty of Industrial Technology, Universitas Islam Indonesia.
5. Head of Undergraduate Program Department of Industrial Engineering, Universitas Islam Indonesia.
6. All lecturers of the Department of Industrial Engineering, Universitas Islam Indonesia who have given knowledge.
7. My friends of International Program Industrial Engineering batch 2014, my senior and my junior for the support, spirit, and enthusiasm for Author.
8. All parties who cannot be mentioned one by one by Author for the assistance in completing this Undergraduate Thesis.
9. Thank you and congratulation for OG dota2 (Jerax, Ana, Topson, Ceb, and N0tail) for back to back TI 8 and TI 9 champion and inspiring the author while doing this thesis.

Author realize that this undergraduate thesis is still not perfect and still have some weaknesses so that Author really expect any criticism and suggestions from readers for the perfection of this report. Hopefully this report and information included will be useful for Author and give benefit to other parties who read this.

Wassalamu'alaikum Warahmatullahi Wabarakatuh

Yogyakarta, September 2019



(Muh Ardika)
14522216