



UNIVERSITI TEKNOLOGI MARA

FACULTY OF CIVIL ENGINEERING

INDUSTRIAL TRAINING REPORT

PUTERI NUR MUNIRA BINTI NOOR HAKIM

(2016458142)

RANHILL WATER SERVICE SDN. BHD.

LEVEL4, MATANG BUILDING83,

JALANLANGKASUKA,

LARKIN,80350 JOHOR BAHRU,

JOHOR,MALAYSIA

JULY 2018 –SEPTEMBER 2018

Abstract

All students of diploma in engineering from Universiti Teknologi MARA have to undergo the industrial training session for 8 weeks as part of the requirement to graduate as an engineering student. The objectives of industrial training are to improve students' soft skills, to improve communication and management skills between people, to apply theories learnt during lecture class in the work environment and to strengthen students' confidence level.

During the 8 weeks of industrial training, students will be monitored by two types of supervisors which are faculty supervisor who is nominated between the lecturers in the faculty and industrial supervisor the person who is in-charge of the industrial training students. The industrial training started on 8th July 2018 and ended on 2nd September 2018.

I have experienced my industrial training at a consultancy company named Ranhill Water Services Sdn. Bhd. in Larkin Johor Bahru, Johor. The company has been incorporated in 2005. This company have been specializing in the provision of operational, management, construction and consultancy.

My faculty supervisor is Miss Azyan Zafirah Binti Mohd Zahid while my industrial supervisor is and Puan Nor Suhada Hasan which is also the Head of technical support of this company.

Acknowledgement

First of all, I would like to thank all the people who were involved directly or indirectly in this industrial training program especially my family that have allowed me to further my studies in Diploma in Civil Engineering at Universiti Teknologi MARA Kampus Pasir Gudang, Johor.

Besides that, a special thanks to industrial training coordinator, Mr. Mohd Firdaus Bin Mohd Akhbar for all the work hard in managing the process of industrial training from the beginning stage until the end. Moreover, a special thanks to my academic advisor, Miss Azyan Zafirah binti Mohd Zahid and my faculty supervisor, who is also Miss Azyan Zafirah Binti Mohd Zahid because they have already gave me the guidance along the period of the industrial training.

I also would like to thank the Ranhill Water Services Sdn. Bhd. especially to the managing director of the company, Tuan Haji Zailan bin Jusoh for having me as one of their staff there for 8 weeks of my industrial training. Thanks to my industrial supervisor, Puan Nor Suhada Hasan, the head of technical support of this company who guided me perfectly from the day I started my industrial training until the end of the industrial training.

Finally, thanks to all my friends who always give me a lot of moral supports along the way of industrial training. Finally, I was able to complete my industrial training as one of the requirement for students to graduate from civil engineering course.

Table of Content

Content	Pages
Abstract	1
Acknowledgement	2
Table of Content	3
List of Table	5
List of Figures	6
List of Appendices	7
Chapter 1: Introduction of Industrial Training	
1.1 Introduction	8
1.2 Background of the Company	10
1.2.1 Location of the Company	11
1.3 Organizational Structure	12
1.4 Nature of the Business	13
1.5 Products and Services	15
1.6 Market Strength	20
1.7 Conclusion	21
Chapter 2: Training Attended	
2.1 Introduction	22
2.2 Exposure Level	24
2.3 Conclusion	34
Chapter 3: Technical Report	

3.1 Introduction	35
3.2 Problem encountered and how to overcome it	36
3.3 Experience gained	38
3.4 Conclusion	39
Chapter 4: Conclusion	
4.1 Introduction	40
4.2 Lesson learned – Skill developed	41
4.3 Knowledge Gained	42
4.4 Suitability of Organization	43
4.5 Limitations and Recommendations	44
References	45
Appendices	
Appendix A: Form/Letter	46
Appendix B: Assessment	47
Appendix C: Course Outcomes	48
Appendix D: Pictures during site work	49