



UNIVERSITI TEKNOLOGI MARA

FACULTY OF CIVIL ENGINEERING

INDUSTRIAL TRAINING REPORT

MAIZATUL IZZLYEN BINTI ALI  
(2016475296)

JABATAN PENGAIRAN DAN SALIRAN,  
12, JALAN DATO JAAFAR,  
LARKIN, 80350, JOHOR BAHRU,  
JOHOR.

JULY-SEPTEMBER 2018

## **ABSTRACT**

I am Maizatul Izzlyen binti Ali, student from Faculty of Civil Engineering Universiti Teknologi MARA (UiTM) Cawangan Johor Kampus Pasir Gudang. Industrial Training have benefits student in a lot of ways not only in working experiences but also in develop soft skills. As main reason of Industrial Training is to expose students in real life working sector, it is also as a chance for engineering students to relate the theory that had been learned in university and to practice in working situations.

First of all, this technical report is about my industrial training that I had experience for two months starting from 8 July 2018 to 2 September 2018. I had chose Jabatan Pengairan dan Saliran as my industrial training. The main reason for choosing this place was because I want to experience something different than other students. As this government sector were specialize more to water rather than structure, I had gain interest in knowing it deeper. I also do believe that I will gain a lot of new experiences which related in order to become an engineer in the future.

In this technical report, I had divided into four main chapter. The first chapter were about my company which is Jabatan Pengairan dan Saliran (D) Johor Bahru. I had put all my company background which consist of introduction, organization chart, vision and mission. In addition, i had done weekly summary based on my industrial training logbook in chapter two. Plus, for the next chapter which is chapter three, I had put my technical report details such as problem encountered and how to overcome and my experienced gained throughout these eight weeks. Last but not least, for my chapter four is conclusion of my technical report which consists of lesson learned.

## **ACKNOWLEDGEMENT**

First and foremost, I would like to thank Mr Firdaus bin Mohd Akhbar who had put a lot of effort in order to arrange my industrial training with the employer. I also want to give my appreciation to Miss Azyan Zafyrah binti Mohd Zahid and Madam Mazni bin Mat Zin, the faculty supervisor that had been evaluate me for their time and cooperation.

I would like to give special appreciation to Mr Muhammad Fitri bin Abdul Ghani, assistant engineer of Jabatan Pengairan dan Saliran (D) Johor Bahru who had shower me with a lot of knowledge as being my industrial supervisor, not to forget for his time and money in order to give me new experiences.

Besides, I would like to give my gratitude to Miss Naz Zilla binti Abdul Najir, district engineer of Jabatan Pengairan dan Saliran (D) Johor Bahru for her sincerity in order to let me done my industrial training at this government sector. Special thanks to Mrs Rohazilla binti Selamat, assistant engineer of Jabatan Pengairan dan Saliran (D) Johor Bahru who also taking care of me throughout my placement.

In addition, I would like to extend my gratitude to all the staffs of Jabatan Pengairan dan Saliran (D) Johor Bahru in order for their cooperation. For my friends who together through ups and downs throughout this industrial training, Miss Fasiraturradiah and Mr Afiq Adli, student of Universti Tun Hussein Onn (UTHM), my deepest thanks were for them.

Last but not least, i would like to thank my family for their endless support in order to see the bright future of me. As conclusion, I would like to express my gratitude to all the person who involve in this eight weeks of my industrial training for their endless cooperation, kindness, trust and support.

## TABLE OF CONTENT

<b>TITTLE</b>	<b>PAGE</b>
Abstract	1
Acknowledgment	2
Table of Content	3
List of Figure	5
<hr/>	
Chapter 1 : Introduction	
1.1 Introduction	6
1.2 Background of Company	6
1.3 Organization Structure	9
1.4 Nature of Business	10
1.5 Products	15
1.6 Conclusion	17
Chapter 2 : Training Attended	
2.1 Introduction	18
2.2 Exposure Level	18
2.3 Conclusion	21

Chapter 3 : Technical Report	
3.1 Introduction	22
3.2 Experienced Gained	22
3.3 Problem Encountered and How To Overcome It	23
3.4 Conclusion	25
Chapter 4 : Conclusion	
4.1 Introduction	26
4.2 Lesson Learned	26
4.3 Knowledge Gained	27
4.4 Suitability of Organization	28
4.5 Limitation and Recommendations	29
References	30
Appendices	31