



**UNIVERSITI TEKNOLOGI MARA
FACULTY OF CIVIL ENGINEERING**

INDUSTRIAL TRAINING REPORT

**QAIRUNNISA' BINTI MOHAMMAD SAH
(2016457744)**

**JABATAN KERJA RAYA TANGKAK
JKR 1606, JALAN SIALANG,
84900, LEDANG,
JOHOR DARUL TAKZIM**

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ABSTRACT

As a compulsory requirement for students to acquire the award of Diploma in Civil Engineering, students have to go undergo training in order to gain the real-life experiences of engineering works and to get them involved in Civil Engineering projects before graduation. This is at least done from known organization which deals with civil engineering fields to satisfy this requirement. I trained with Jabatan Kerja Raya Daerah Tangkak for eight weeks started by 8th July 2018 until 2nd September 2018.

In this report contains four chapters that I explain my eight weeks experience in my hosting company. The content of all chapters is constructed from the practical basis of the site works.

The first chapter, I explain the company background including its mission, vision, and the ongoing project. I also compile the record or history of the company and the company's address so readers can easily find out about my hosting company.

The second chapter explains my internship familiarity in the last successive months. This chapter is the most important chapter since its give a highlight what I have doing and main works of the construction industry.

The third chapter explains my hosting company's projects, the problems occur while construction works running and how to overcome the problems, and also the experience that I gained while conducting the projects.

The fourth and final chapter explains about the skilled that I have developed, the knowledge that I have gained, the suitability of organization and limitations and also recommendations.

ACKNOWLEDGEMENT

Assalamualaikum w.b.t.

First of all, i would like to express my gratitude to Almighty All S.W.T with His permission and mercy I completed my industrial training successfully. I also glad to complete this report within the given period.

Second, my deepest thank you to the Faculty of Civil Engineering, UiTM Cawangan Johor Kampus Pasir Gudang to let me experience this industrial training as a subject of the course. By joined this industrial training, I were exposed to my field work after my graduation. As I just study the theory of the field, it feels refreshed and nice to know this field practically. Futher, I have learnt many new knowledges that I never learnt before that may be useful in the future. I also would like to thank my industrial training coordinator, En. Mohd Firdaus Bin Mohd Akhbar that contributed in helping throughout this industrial training. He guided and showed me a lot of thing before started my industrial training such as how to choose a good internship placing. Without his guided, I not sure if I can survive for this subject.

Third, this industrial training opportunity I had with Jabatan Kerja Raya Daerah Tangkak (JKR (D) Tangkak) for eight weeks was a great chance for me to learn and develop new skills. Therefore, I thanked to the company for accepting my placing from 8th July 2018 till 2nd September 2018 at JKR (D) Tangkak. Thank you for all the staffs in giving me advices and guidance especially to sir Wong Teck Nyen, road engineer J41, sir Mohd Fadzil Bin Rasiman, civil engineer J44, sir Mohamad Razi Bin Tubah, administration assistant N22 and my industrial supervisor, madam Noraishah Binti Mohammad Abas, assistant engineer J29. Also a thank you to others assistant engineer, sir Mohd Thaqif and madam Nur Hafiza who had brought me to the site visit and taught me many things.

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TABLE OF CONTENTS

BIL.	CONTENTS	PAGE
1	CHAPTER 1: INTRODUCTION 1.1 Introduction 1.2 Background of the company 1.3 Company profile 1.4 Company organization 1.5 Products	1-16
2	CHAPTER 2: TRAINING ATTEND	16-20
3	CHAPTER 3: TECHNICAL REPORT	21-36
4	CHAPTER 4: CONCLUSION	37-39
5	REFERENCES	40
6	APPENDICES	41

CHAPTER 1

INTRODUCTION

1.1 INTRODUCTION

Jabatan Kerja Raya has already run for almost 100 years. JKR is a trustworthy government organization to build government building and roads. Therefore, some buildings and roads are acknowledged as a landmark in our country. Jabatan Kerja Raya was established in 1872.

Jabatan Kerja Raya Malaysia is led by a Chief Director of Public Works, assisted by three Deputy Chief Director of Public Works. Administration of the Public Work Department obscures the whole country except for Sabah and Sarawak.

Ledang is a new district embodied at Johor Darul Takzim. Ledang district includes Tangkak, Tangjung Agas, Sungai Mati, Kesang, Serom, Sagil, Bukit Gambir, Kundang ulu and Gersik. This district was the north area Muar district and now Muar and Ledang are divided to two district as they already separated by Muar River.

Ledang district is one of ten district at officially a new district on 9th June 2008 was officiated by Sultan Johor gloriously and measures 239,751 acre or 97,024 hectare. According to the census on 2010, the population of Ledang district numbered 132,778 people. The location is strategic as it is located at the middle of Johor and boarded with Melaka, Pahang and Negeri Sembilan.