



UNIVERSITI TEKNOLOGI MARA

FACULTY OF CIVIL ENGINEERING

INDUSTRIAL TRAINING REPORT

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Abstract

Assalamualaikum, I want to thank to all authorities that directly or indirectly involve in this year of my industrial training. I also want to thank all of them because without them I want be able to finish this industrial report.

First of all is BTS Engineering SDN.BHD because accept me as practice student and allows me to be there of entire 7 weeks on internship. I have a lot of knowledge and lesson that was provided by this company to me. I have learn about the site investigation and slope repair work generally. I hope that this company will be always in first ranking expertise in geological structural development and site investigation.

I also have to be thankful to my lecturers and my supervisor. They was kindly provided guideline to me finish this report with successfulness. My supervisors are Nurul Afifi and Siti Nur Farah Syazwani were kind to me and never stingy to me for sharing their knowledge with me. Also to all my lecturer that provided a log book for me to write down what are my activities during my internship and I be able to update my log book daily. They also always give important announcement of FKA Facebook about the industrial training so that students can act earlier.

To my family and my friends, they also play significant role in work to finish this report and give their support to me entire my industrial training. Without their support I will never stand until the final day of my industrial training.

I hope that UiTM can practice this course to all level of education that provided by UiTM it self. This because industrial practical is good for student to build their self-confident when they get into working experience.

Acknowledgement

Industrial training report is part of civil engineering studies at UiTM at diploma level. This subject is nessaserry to complete get diploma certification from UiTM. Industrial training is a mandatory course for all diploma students of Civil Engineering. It is a requirement to fulfill the course in order to complete the diploma as well as graduate from the university. The training refers to work experience that is relevant to professional development prior to graduation. For Civil Engineering students, 7 weeks period of industrial training is allocated for training at locations chosen by students themselves. No restriction is imposed on them whether they want to work in government agencies or private organizations.

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Chapter 1 : Introduction

1.1 Introduction

Industrial Training is a compulsory requirement for students in certain programs at all levels of higher education in Institution of Higher Learning (IHL). To increase the level of graduates able to work, industrial training program was introduced to strengthen the competencies required. Industrial Training courses give students learning opportunities in the world of work to receive practical experience in order to improve the reliability of the market.

Industrial Training refers to expose students to the real-life experiences of the engineering works and to get them involved in Civil Engineering projects before graduation. It is the one of requirement for the award of Diploma in Civil Engineering is that student must complete. Industrial Training is usually collected during the semester break at the end of the third year student. The technical and non-technical outcomes of the course may be assessed and evaluated through this industrial training.

1.2 Background of The Company

We have kindly exposed to the background of the company where I have done my internship which is BTS Engineering SDN BHD (BTSE) which is located at No. 42A, Lorong Setia 1A, Jalan Johan Setia ,Klang Selangor. BTS Engineering SDN BHD scope of work is about geotechnical structure development and also site investigation before any project can start. This is also including slope and cliff stabilization work and related construction work also bore hole digging, cone penetration test on site and mackintosh probe test for site investigation purpose. This company also provide laboratory testing if there are any client demand for soil sample testing.

BTS Engineering was found by Mr. Safarudin Bin Mat Tahir and Mr. Md. Asri Bin Saidin in February 1996. Both of them have been actively involved in management and operation of the company since then. BTSE has registered with PUSAT KHIDMAT KONTRACTOR (PKK) as an A Class Contractor and also Construction Development Industrial Bought (CIDB) as grade 7(G7 CE12, G7 B04, G7 CE08, G7 CE10) Contractor with 100% Bumiputra status.

BTSE has established its own mission to become a specialist leader in marine and land geotechnical contractor subsequently and project management activities.

This company's personnel key and technical expertise together with administration support staff are ready to face any challenge on nation building toward year 2020.

BTSE's range of activities include :

- ✓ Land and Marine Geotechnical Works
- ✓ Slope Protection Works
- ✓ Constructions
- ✓ General Civil Engineering Works
- ✓ Project Management
- ✓ Earthworks

CORPORATR INFORMATION

Date of Incorporation	15 February 1996
Registration Number	377805-X
Address	No. 42A Lorong Setia 1A, Taman Setia Jalan Johan Setia, 41200 Klang, Selangor Darul Ehsan.
Telephone Number	03-5162 5141 / 5162 5153 / 5162 4788
Facsimile Number	03-5162 5226