



UNIVERSITI TEKNOLOGI MARA

FACULTY OF CIVIL ENGINEERING

INDUSTRIAL TRAINING REPORT

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ABSTRACT

Industrial Training is a compulsory requirement for students in certain programs at all levels of higher education in Institutions 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 one of the requirements for the award of Diploma in Civil Engineering is that the student must complete at least seven (7) weeks of Industrial Training. Industry training is usually collected during the semester break at the end of the third year student (semester 4 and above). The technical and non-technical outcomes of the course may be assessed and evaluated through this industrial training.

This industrial training have several objectives that have to be done, for example appreciation of client's requirement, attending site visits, interpretation of construction drawings, interpretation of contract specification and involvement in project management, discussion with visiting lecturer and preparation of report. In addition, other activities relevant to the training, as directed by the supervisor can also be included.

From this project, I would be able to practice good working ethics and quality delivery of project undertaken. Thus, I also would be able to exhibit pleasant interpersonal skills as an individual in working independently, collaborative and in multi-disciplinary team. Furthermore, I can practice good organizational skills in enhancing individual and group effectiveness and productivity. Besides, I would be able to exhibit good communication with fellow workers and supervisors in issues related to projects undertaken.

I did my industrial training project at BTS Engineering Sdn Bhd (BTSE) which located at Klang, Selangor. This company has covered all the activities that related to marine and land site investigation, design and build slope protection works, soil and material laboratory testing, geological survey, instrumentation works geotechnical assessment as well as specialist civil works. With a proven track record backed by reliable machinery, equipment and skilled workforce this company ready and can be trusted to undertake any site investigation and slope protection works.

ACKNOWLEDGEMENT



Alhamdulillah, grateful of Allah I can complete my industrial training and complete this industrial training report for 7 weeks. Along 2 weeks undergo industry training, I got many experience and skill from this company. During at the Universiti Teknologi Mara (UiTM) Pasir Gudang, students have been expose various theory about the study of Civil Engineering, but for industrial training make a real position student get more understand and can see and join to solve the problem.

On this opportunity, I would like to say thank you for Mr. Safaruding bin Mat Tahir as the managing director, Mr. Md Asri bin Saidin as the executive director, Mr. Ahmad Fuad Zakaria as the project director, Mr. Zafril Hisyam as the engineer, Miss Nurul Afifi binti Rosdi as the assistant engineer, Mrs. Azlizawati Roslan as the laboratory coordinator, Miss Siti Nur Farah Syazwani Abd Hamid as the laboratory technical and fellow workers of BTS Engineering Sdn Bhd. Thanks for the giving guidance about the technical information such as about the civil and slope protection work, soil

investigation work and laboratory work test. Although only in a very short time, I was grateful to be able to gain knowledge and experiences on real working situations under an organization and I am very appreciated for the guidance.

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Last but not least, thanks for my parents which always being supportive and inspired me and not forget to thanks to my entire friends directly and indirectly. I hope that in my industrial training at BTS Engineering Sdn Bhd and what I learned at UiTM Pasir Gudang could be useful in the future. Thank you.

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