



UNIVERSITI TEKNOLOGI MARA
FACULTY OF CIVIL ENGINEERING
INDUSTRIAL TRAINING REPORT

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Abstract

Based on the two months experience of industrial training, I have learned and gained so many new things and knowledge on project management aspect and structural aspect. For project management aspect, I need to learn and understand the process for overall project from Mr. Azizan and Ms. Saidatul Suhaila. I involved in project management aspect such as prepared the calculation for bill of quantities (BQ) for Sungai Kerian project at Perak, action minutes for Merlimau project at Melaka, a letter to Lembaga Air Perak (LAP) and checked the claim for Gunung Semanggol project at Perak.

As for structural engineer department, I have been taught by Miss Sharzaliza Haida about some calculations that were being used in structural aspect. She taught me to calculate the total weight of rebar of a small chamber for Gunung Semanggol project at Perak, bar bending schedule (BBS) for Pantai WTP, Sungai Terip project in Negeri Sembilan and calculation of rebar tonnage for platform at Pantai WTP project in Negeri Sembilan.

Furthermore, I learned the interpretation of contract specification. The contract specification documents are an important as it is the first stage in specifying health and safety requirements to contractors tendering for works. By ensuring that health and safety requirements are clearly identified in specification documents and several key messages are conveyed.

I have attended two site visits such as went to site visit at Pulau Meranti at Dengkil and Gunung Semanggol project at Perak. When I visited Pulau Meranti at Dengkil, I got to know the real condition of the place that this company wanted to build a Semi D project. As for Gunung Semanggol project at Perak, the engineers taught me the process of the water treatment plant that was being applied. They also showed me the procedure of the water treatment plant and I took some pictures as references for them to design the new septic tanks.

Acknowledgement

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Besides that, I shall thank my lectures in UiTM Permatang Pauh Pulau Pinang, Mr. Azrizal, Mr. Fairus Aswan Azizan, Mr. Khatif Tawaf and Mrs. Diana that guided me on how to do curriculum vitae, how to find a company to apply for industrial training and what were the important things that are required in this training. They gave an outline on things that are going to be assessed in this industrial training and it made me feel comfortable and easy to cooperate with them.

Most importantly, none of this could have happened without my family. My parents, who offered their encouragement through phone calls very week – despite my own limited devotion to correspondence. With their own brand of humour, Mr. Mohd Hizal and Mrs. Kamariah have been kind and supportive to me over the last two months. Last but not least, I have to thank my siblings, Mohd Haziq, Puteri Nur Alissa and Puteri Nur Athirah for being a great supporter to me in order to finish my industrial training.

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