



**DEPARTMENT OF BUILDING  
UNIVERSITI TEKNOLOGI MARA  
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**REINFORCED CONCRETE STAIRCASE**

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## ABSTRACT

This report is about the staircase in building construction and the focus was on the reinforced concrete staircase. The information that was needed on the work by the practical training and interview with all the staff in charge at the KTCC Mall, Kuala Terengganu. This project started at the 1<sup>st</sup> of October 2018 and scheduled to complete at the year of 2020. It takes about 1 years to complete this project with the cost of approximately RM109,000,000.00. The main purpose is to know about construction procedures to provide the details of the construction techniques for RCC staircase or methods in sequence also the locations, cost of projects, type or size of project, others consultant or professional involved and machineries involved. This is to make sure that the staircase construction can be finished according to plan and can be maintained. In result, the results have been obtained the procedures and have identified the construction method for the reinforced concrete staircase of this project without any problem. Finally, this report is to ensure more knowledge about structure construction and it will regain more experiences on how determine consequences during the work.

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## CHAPTER 2.0

### COMPANY BACKGROUND

#### 2.1 Introduction of Company

TCS Construction Sdn Bhd was incorporated in 1998 to venture principally into the construction of building and civil works. Dato Ir. Tee Chai Seng is the founder of TCS Construction. Dato' Ir. Tee Chai Seng is a registered Professional Engineer with the Board of Engineers (Malaysia), a corporate member of the Institute of Engineers (Malaysia), a member of Association of Consulting Engineers (Malaysia) and a member of Institution of Engineers (Australia). Dato' also is primarily responsible for TCS Construction's business strategies and overseeing business development activities. He has more than 35 years of experience in areas including design, project management, construction and site supervision in the property and construction industry. TCS Construction Sdn Bhd has successfully completed several projects ranging from terrace houses, shop offices, medium rise buildings and infrastructure works such as water pipelines, service reservoirs, sewerage treatment plants, commercial and institutional buildings.