

**CENTRE OF STUDIES BUILDING SURVEYING
FACULTY OF ARCHITECTURE, PLANNING AND SURVEYING
UNIVERSITI TEKNOLOGI MARA**

**SAFETY PRACTICES OF SCAFFOLDING
AT CONSTRUCTION SITE**

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**Academic Project submitted in partial fulfillment of the requirements
For the degree of
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**“ I hereby declare that this academic project is the result of my own
research except for the quotation and summary which have been
acknowledged”**

Student's Name : Malazubida Binti Mansor

Signature :



UITM No : 2009641244

Date : January 27th 2014

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CONFIRMATION OF ACADEMIC PROJECT AMENDMENTS

**This is to confirm that the student has amended her academic project as
directed and therefore allowed to compile**

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DEDICATION

Special dedication to my most wonderful parent,

Haji Mansor bin Mohamed

and

Hajjah Saarah binti Talib

Huge appreciation to the lecturers,

Sr Mahayuddin Mahmud and Sr Rohimah Khoiriyah.

Unfailing supportive from my husband,

Mohd Nurul Ezwan Fairus bin Mohd Din

Thank you for all support and trust

throughout the entire creation of this dissertation.

ABSTRACT

Scaffoldings act as an important part of the temporary structure during the building construction by providing platforms for allowing the workers to carry out their work at high place. Literatures reveal the importance of safety performance and cost effectiveness as well as their close relationship in construction. The objectives are to identify the hazards in scaffolding work at construction sites, to evaluate the safety performances of scaffolding, to evaluate the cost effectiveness of scaffolding and to identify good practices in scaffolding work. To achieve this goal, survey was carried out based on various literature as well as questionnaires. The method of site survey employ Likert Scale among project manager, safety officer, site safety supervisor, engineer, quantity surveyor and others in 25 construction sites at Selangor. The data collected was analyzed using the average index formula. The result of study shows that the contractors implemented good safety performances and cost effectiveness of scaffolding at construction sites in compliance with regulations and requirement set by OSHA and FMA.