SAFETY PRACTICES OF SCAFFOLDING
AT CONSTRUCTION SITE

MALAZUBIDA BT MANSOR
(2009641244)

Academic Project submitted in partial fulfillment of the requirements
For the degree of
Bachelor of Building Surveying
Faculty of Architecture, Planning & Surveying

December 2013
SAFETY PRACTICES OF SCAFFOLDING
AT CONSTRUCTION SITE

"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 : [Signature]
UITM No : 2009641244
Date : January 27th 2014
CONFIRMATION OF ACADEMIC PROJECT AMENDMENTS

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

<table>
<thead>
<tr>
<th>Marks</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>68</td>
<td>B</td>
</tr>
</tbody>
</table>

Student’s Name : Malazubida Binti Mansor
UITM No : 2009641244
Title : Safety Practices of Scaffolding at Construction Site
Supervisor’s Name : Sr Mahayuddin Mahmod
Signature :

Date : January 27th 2014
DEDICATION

Special dedication to my most wonderful parent,

Haji Mansor bin Mohamed

and

Hajjah Saarah binti Talib

Huge appreciation to the lecturers,

Sr Mahayuddin Mahmood 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.
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.