

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

**RISK MANAGEMENT IN CONSTRUCTION – PREVENTIVE
MEASURE TO REDUCE THEFT AND VANDALISM PROBLEM**

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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”**

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ABSTRACT

Vandalism and theft are important issues relating to the construction site. Incidents of vandalism and theft sometimes depending on the type of construction work and this varies between road and highway construction, housing construction , airport , dam structure , and also the construction of the stadium. Contractors always lose materials, tools and expensive equipment because theft and vandalism whether by site workers or criminals who recognize an easy opportunity. The total losses from vandalism and theft on construction sites have been increasing dramatically over the past decade. The objective of this study is to study the risk management in construction to investigate the causes and effect of theft and vandalism problem construction site, to carry out recommendation the preventive measure to reduce theft and vandalism problems occur at construction site. To achieve the objective of this study, interview was conducted to get more detail information about the theft and vandalism problem and also the risk management in construction site. Besides that the questionnaire also distributed to the person that in charge the construction site.

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CHAPTER 1.0

1.1 INTRODUCTION

Every construction project will face the risk because of its construction business activity, environment, organization and also the process by Akintoye and Macleod as cited in Siang and Ali (2012). They that involved in industry of construction are constantly faced unfavourable and unpredictable factors. Generally, construction project requires a large amount of yield, resources and expertise from various professional fields and their connection with each other (Siang & Ali, 2012).

According to Mahendra, Pitroda, & Bhavsar (2013) definition of risk is the event that give negative affects to the objective of the project. Meanwhile, risk management is a process to identifying the potential risk that related with risk and responding to those risks. Risk in a project is a choice rather than fate. Based on the characteristic of the construction industry where has the uncertainty high, so many risks will occur during the construction phase and or operational building. Risk in construction has been the object of attention because will effect time and cost of the project.

Theft and vandalism can impact to the successful of a project and it can be the project that under construction less the profitability. it is one of problems and can be threat in construction industry by Farinloye et al. cited in Farinloye, Odusami, & Adewunmi (2013).

Usually target for vandals and thieves is large construction, this is because there are many valuables were left in place for long periods, the site is easy to approach especially at night and weekends and systems, safety many times is defeated, ineffective or extremely expensive for the contractor to buy by Premo (cited in Farinloye, Odusami, & Adewunmi, 2013). Its difficult to control and manage which often casual labor where a large number of tools, equipment and materials is difficult to monitor. Besides that, these problem is caused by a lack of incentive motivation, lack of innovation on security measures at location, welfare facilities for staff, the economic downturn and high unemployment climbing Farinloye, Odusami, & Adewunmi (2013).