

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

**SAFETY AND HEALTH MANAGEMENT FOR HIGHWAY  
OPERATOR IN KLANG VALLEY**

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**Academic Project submitted in partial fulfillment of the requirements  
for the degree of  
Bachelor of Building Surveying (Hons)  
Centre of Studies for Building Surveying  
Faculty of Architecture, Planning & Surveying**

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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 : Muhammad Iknor Hanafi bin Jasmi**

**Signature : **

**UITM No. : 2011970825**

**Date : January 27<sup>th</sup> 2014**

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**ACADEMIC PROJECT  
BSS 608 & BSS 658**

**CONFIRMATION OF ACADEMIC PROJECT AMENDMENTS**

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


Marks	Grade
70	B+

**Student's Name : Muhammad Iknor Hanafi bin Jasmi**

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**Signature : **

**Date : January 27<sup>th</sup> 2014**

## **ABSTRACT**

Highway maintenance is one of the important work that need to be carry out to ensure the highways user are not exposed to the risk of highways accidents. To determine the condition of the highway in a safe condition, highway operator are indirectly exposed to the risk of accidents on the highway. Case highway accidents among workers while doing maintenance work are very frequent. therefore this issue should be taken seriously before it becomes a major problem.

The main purpose of this study is to identify the causes of the accident on the highway operators accident and improvement for highways safety and health management in order to reduce the risk of accidents to the highway operator, thus helping to increase the quality of the existing highway safety and health management. This study also will identify the awareness among highway maintenance operator towards safety and health.

This study on the safety and health management has been carry out on three case study which is Guthrie Corridor Expressways (GCE), Kemuning-Shah Alam Highways (LKSA) and New Klang Valley Expressways (NKVE). Base on the selected case study PROPEL and PROLINTAS is the responsible party to manage on the highways maintenance. All the information will be obtained from these two parties.

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