SAFETY OF THE WORK AREA AT THE CONSTRUCTION SITE

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ABSTRACT

Industrial construction has long been plagued by high accident rates, and after several years of holding the rate in check and in some cases reducing it, the rates are now increasing again. Federal and State governments, Trade unions, and Insurance companies have been extremely concerned about this state of affairs for long time. But because of the nature of these industries and the diversification of each area of work and each task performed, it has been extremely difficult to regulate and standardise methods of control for monitoring safety of the work area at the construction site and procedures.

The report of case studies experimental project is to make an analysis on the safety of the work area make to identify the system safety of the constructed project in Malaysia (especially Lembah Kelang Valley) that was carried out by Contractors and other parties who are involved in the project.

It also identify the rules and regulation, responsibilities and relationship for project participant; and stress the importance of concepts and practices that enhance the safety of the work area in the constructed project.

CHAPTER 1: INTRODUCTION

1.1 GENERAL

The safety of all personnel working on building and civil engineering construction sites is a major responsibility of those involved, whether they be management or operatives. Neither the industry nor the country can afford the enormous cost of loss of production which accidents cause. The number of man-day lost due to industrial accidents far exceeds that lost due to industrial disputes. Most of these accidents could be prevented. Fore thought and planning are essential at the start of any project to identify the hazards and minimise their dangers.

A knowledge and dedication to accident prevention are integral to good management and essential equally to the Engineer and the Contractor. Acts of Parliament and regulations play a vital part but ultimately it is up to the Engineer and the Contractor to recognise and demonstrate that safety and economy can be partners rather than rivals. The industry has for some time been keenly aware of the situation. Employer's federations, and trade unions have all been active in promoting the need for safe working practices.

Safety of the work area at the construction site is the responsibility of the engineer, the contractor and all employed there. Representatives of all parties involved should meet to consider safety aspects in close co-operation.

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