

A STUDY INTO THE SAFETY REGULATIONS IMPLEMENTED FOR THE DEMOLITION OF A BUILDING

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ABSTRACT

In a developed country, it is very important to have strict guideline pertaining to safety, which is essentially to minimize or preferably eliminate accidents at the workplace. The point of this study being carried out was to asses where Malaysia stands in respect to safety and health regulations, specific to demolition. The study focus was mainly on the Occupational Safety and Health Act 1994, Factories and Machineries Act 1967, and the Building Operation of Work Engineering Construction 1986. The study was broken down into 3 main parts. The first part served as an introduction to the safety laws and regulations used in Malaysia. The second part introduces the topic of demolition, the requirements, and methods of demolition. The last part is the case study portion, which is on the demolition of Jaya Supermarket in section 14, Petaling Jaya. The demolition was halted half way through because part of the structure collapsed while works were still being carried out, causing the death of 7 workers. Due to this fact, the case study is able to tie in the first 2 parts of the study giving a holistic look at demolition works in Malaysia and how the laws are enforced and carried out.