

**PERPUSTAKAAN  
FAKULTI ALAM BINA**



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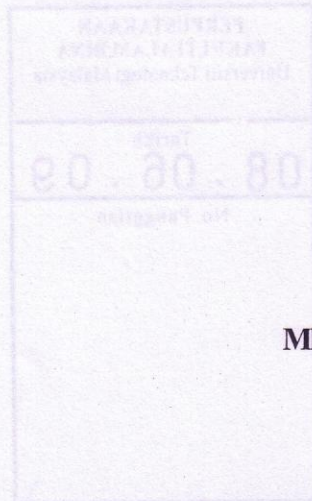
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**PENGURUSAN KESELAMATAN DI TAPAK BINA DARI ASPEK PENGGUNAAN  
PERANCAH**

**KAMARULARIFIN BIN ISMAIL**

Tesis ini dikemukakan sebagai memenuhi  
sebahagian daripada syarat penganugerahan  
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## ABSTRAK

Industri pembinaan merupakan salah satu industri yang terbesar di Malaysia. Pada hari ini, keprihatinan terhadap keselamatan pekerja-pekerja di tapak bina telah meningkat. Pihak-pihak yang terlibat dengan industri pembinaan berusaha secara berterusan untuk mengurangkan kadar kematian dan kemalangan yang tinggi di kalangan pekerja di tapak bina. Akan tetapi masih terdapat pihak yang enggan mematuhi peraturan keselamatan dan menyebabkan kemalangan terjadi. Kemalangan-kemalangan yang melibatkan penggunaan perancah masih lagi terpampang di dada-dada akhar. Oleh itu, objektif kajian ini adalah untuk mengenal pasti sejauh mana pihak kontraktor mematuhi peraturan berkaitan dengan penggunaan perancah seperti yang terkandung di dalam Akta Kilang dan Jentera 1967 (Akta 139): Peraturan-Peraturan Kilang dan Jentera (Kendalian Bangunan dan Kerja-Kerja BinaanKejuruteraan) (Keselamatan) 1986. Kajian ini telah dijalankan di kawasan tapak bina sekitar Johor Bahru. Bagi memudahkan objektif kajian tercapai, maka temu bual berstruktur dilakukan terhadap tujuh responden yang dipilih secara rawak . Hasil kajian mendapati bahawa tidak semua peraturan yang berkaitan dengan perancah di dalam Akta Kilang dan Jentera 1967 dipatuhi oleh kontraktor. Kontraktor didapati tidak patuh terhadap peraturan penggunaan notis ataupun papan amaran ketika perancah disenggara, kelulusan lukisan reka bentuk perancah, penyimpanan lukisan perancah di tapak dan penyimpanan keputusan pemeriksaan perancah di tapak.



## **ABSTRACT**

Construction industry is one of the largest industries in Malaysia. Nowadays, the concern towards worker's safety has rise in construction industry. The parties involved in the construction industry have put their efforts straight away to reduce the numbers of deaths and accidents amongst the labors on site. However, there are still those who refuse to comply with the safety regulations and yet causing accidents to happen. There are still a lot of news regarding accidents involving scaffolding been reported in the newspapers. Therefore, the objective of this study was conducted is to identify how far does the contractors obey the rules related to scaffolding as written in Factories and Machinery Acts 1967: Rules of Factories and Machinery (Buildings Operation and Works of Engineering Construction (Safety) Regulations 1986. This study was conducted at construction site around Johor Bahru area. To achieve the objective of study, structured interviews were conducted to seven respondents that were randomly chosen. The research found out that the contractors did not obey and comply with all the rules related to scaffolding as written in Factories and Machinery Acts 1967. The contractors did not obey the rules of using notice or sign board during the scaffolding in maintenance, approval of the scaffolding drawing, the keeping of scaffolding drawing on site and the keeping of scaffolding inspection records on site.