

THE AWARENESS OF HIGH-RISE RESIDENTIAL BUILDINGS' OCCUPANTS ON FIRE  
SAFETY IN BUILDING

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## **ABSTRACT**

Fire is a useful element to human for living, but when it became uncontrollable it will lead to loss of lives and properties especially in the unforeseen event of fire accident that happens in buildings. Fires can happen anytime and causes dire consequences. Due to this situation, knowing the fire safety such as fire safety measure, fire safety procedure and how to use fire prevention equipment and other is important for every user of a building to protect and save themselves when fire incident occurred. The objective of this research is to determine the awareness of high-rise residential buildings' occupants on fire safety. The technique used for data collection in this research is questionnaire. The questionnaire is divided to awareness on fire risk in building, fire safety measure, fire safety procedure and knowledge on using fire safety devices. Data collected was analysed using SPSS 17.00 and Microsoft Excel 2007. The result shows that the respondents are generally highly aware of the fire safety elements except for the comparatively lower awareness on knowledge of the usage of fire safety device and things to practise.

## **ABSTRAK**

Api merupakan satu unsur yang berguna kepada manusia dalam kehidupan harian, tetapi semasa api menjadi tidak terkawal, ia akan mengakibatkan kehilangan nyawa dan harta terutama dalam kemalangan kebakaran yang berlaku dalam bangunan. Kemalangan kebakaran boleh berlaku dalam bila-bila masa dan membawa kesan yang buruk. Disebabkan keadaan ini, mengetahui keselamatan kebakaran seperti tindakan yang perlu diambil semasa berlakunya kebakaran, cara untuk menggunakan peralatan pencegah kebakaran dan lain-lain adalah penting untuk setiap pengguna bangunan disebabkan dengan mengetahui semua keselamatan kebakaran ini boleh melindungi dan menyelamatkan mereka semasa berlakunya kemalangan kebakaran. Tujuan penyelidikan ini adalah untuk mengenalpasti kesedaran penghuni dalam bangunan tinggi terhadap keselamatan kebakaran di bangunan. Dalam penyelidikan ini, teknik yang digunakan untuk mengumpul data ialah borang soal selidik. Borang soal selidik adalah dibahagikan kepada risiko kebakaran dalam bangunan, procedure keselamatan, pengetahuan tentang cara penggunaan alat keselamatan kebakaran. Data yang dikumpul adalah dianalisis dengan menggunakan SPSS 17.00 and Microsoft Excel 2007. Keputusan kajian telah menunjukkan bahawa secara umumnya, penduduk adalah mempunyai kesedaran yang tinggi terhadap semua unsur keselamatan kebakaran tetapi kesedaran terhadap pengetahuan menggunakan alat keselamatan kebakaran adalah rendah.