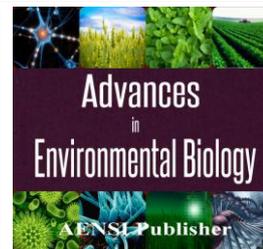




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A Survey On Safety Awareness Among Quarry Workers At East Cost Malaysia.

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ABSTRACT

Lack of safety awareness among quarry workers caused a number of accidents in quarry industries. The objective of this study is to reveal the awareness of quarry workers towards safety. A survey was distributed randomly among quarry workers at Pahang, Terengganu and Kelantan. The survey consist 6 questions regarding safety at workplace. Results revealed that there is 56.9% respondent agree and totally agree that the health and safety suggestion made was given consideration and used. As many as 79.3% respondent admitted that they obey all the safety rule stated at the workplace and 86.3% respondent said they always focus and give full attention during completing their task. 88% respondents agreed that all accident will be reported to responsible person while 77.6% respondents agree that all personal protective equipment will be used suitable with the task given and 86.2% respondents said they doing their task following the safe operation procedure that provided by the company.

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INTRODUCTION

Over the past century there has been the rapid development in every country around the world, government are increasing the quality, health, and safety requirement in several occupations. In the new global economy, Occupational Safety and Health has become a central issue for quarry and mining industry in Malaysia. Recent evident shows that Malaysia's identified several type of mineral resources. During the 20th century, mineral production played an important role in Malaysia's national economy, after many years of exploitation such mineral had decreased significantly in recent years. In terms of its contribution to the country's economy, the mining and quarrying sector accounted for 7.0% of the Gross Domestic Product in 2010 compared in the mining and quarrying sector in 2009 [1].

The quarry and mining industry plays a very important and necessary role in the development of the country. The industry act as main supplier and continues supply of raw materials to the construction, building and manufacturing sectors for the economic development of the country. The Environmental and social impact of quarrying and mining activities may affecting land, water, air, wildlife and vegetation and economic, affecting the supply and demand, revenues, employment and so on besides health and safety implications for both individuals and communities. Mining and Quarrying Safety and Health Act 1999 stated that quarry is a place on land where operations are carried on, continuously or from time to time, to produce construction or road building material. Meanwhile the meaning of mine is any of the following places a place where operations are carried on, continuously or from time to time, within the boundaries of land the subject of a mining tenure, a place where operations are carried on, continuously or from time to time, on land adjoining, adjacent to, or contiguous with, the boundaries of land the subject of a mining tenure and within which is a place mentioned in paragraph, a place where operations are carried on, continuously or from time to time, unlawfully because land at the place is not the subject of a mining tenure, a place that was a mine while works are done to secure it after its abandonment, a place where tourism, education or research related to mining happens that is declared under a regulation to be a mine.

The failure by employers to provide safe and conducive work environment, or the inability to use these facilities appropriately by employees, has cost implications on individuals, organizations, and the society [12]. The adoption of a health and safety management system demonstrate in practical terms, the readiness of an organization to minimize the frequency and severity of work related accidents, ill health, and damage to property. This is because the provisions and requirements of health and safety management system encourage

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