

## **ANALYSIS OF THE PERCEPTION OF OCCUPATIONAL ACCIDENT IN MINING AND QUARRY SECTOR TOWARDS SAFE AND HEALTHY WORKING ENVIRONMENT**

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### **Abstract**

The occurrence of occupational accidents and incidents are increased in parallel of growth of the industries such as mining and quarry. The main objective of this study is to analyze data on the perception of occupational accident in the mining and quarry sector in Malaysia. The data were collected and were examined from the questionnaires on the level perception of accident investigation in mining and quarry sector. Statistics reported by the Department of Occupational Safety and Health (DOSH) were also be reviewed. The findings of this study prove that, the level of perception of workers towards occupational accident issues in mining and quarry sector is still in moderate level which is the mean was 3.28. Besides that, most of them shows that they are agree on any accident occurrence in their workplace which is about 51.7% and 25.9% of them are totally agree. Only 1.7% of them did not aware on any accident occurrence in their workplace. Employers and employees must have the responsibilities to prevent accident by adapt to the health and safety practices in the workplace.

**Keywords:** Occupational accident; Accident prevention; Safety; Mining; Quarry.

### **1. Introduction**

Nowadays, workplace accident occur every day and it became worst and known to be a major concerned in almost all types of industry. In Malaysia, each of the sectors has its own occurrence of accidents involving fatalities, injuries which include permanent disabilities and non-permanent disabilities. Most sectors such as manufacturing, construction and agriculture industry, there are highest recorded number of accident reported. Hence, there are a lot of previous study highlighted the characteristics (1,2) causes (3,4) and the rate of accident in those sectors (5) but there have been lack of study for other sector such as mining and quarry sector.

In Malaysia, the number of occupational accident occurrence in mining and quarry sector still in good condition and is not too serious when compared to other sector such as manufacturing , agricultural and forestry and construction sector which recorded the highest number of occupational accident in year 2013. However, based on the occupational accident statistics (6) by Department of Occupational Safety and Health (DOSH), Malaysia (Table 1), it is clearly shown that manufacturing, construction and agricultural, forestry, logging and fishing sectors which is known as the biggest sector which contributed to the largest economic growth gave the highest number of accident which caused death, non-permanent disability and permanent disability. Many research studies were highlighted to these three sectors on this statistical occupational accident. However, there is lack of study in mining and

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