Original Article

The Behavioural-Based Safety System for Commuting Accident in Syarikat Bekalan Air Selangor Sdn. Bhd. (SYABAS)

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ABSTRACT: *Motorcycle accidents are common among employees whose working nature is mostly outdoors. According to the statistics, the frequency of motorcycle accidents increases every year. In Syarikat Bekalan Air Selangor (SYABAS), a substantial number of motorcycle accidents occurred between the year 2009 and 2013. The increased number of accidents serves as a wake-up call to the company to come up with a behavioural-based safety system for commuting accident. The objective of this paper is to look into the effectiveness of behavioural-based system in a company. A total of one hundred and thirty (130) respondents participated in the data-collection session for this study. From this data-collection, along with accident data from the company, a number of criteria that contributes to commuting accidents in the company is obtained. At the end of this study, the behavioural-based safety system is applied, thus showing how its implementation assists in curbing the issue of commuting accidents in the company.*

Keywords - *Accident Data, Behavioural-Based Safety System, Commuting Accident, Motorcycle Accident, Number of Motorcycle*