

ABSTRACT

Title: Indoor Air Quality (IAQ) In Malaysian Childcare Centres: Defining the Effectiveness of Ultraviolet Germicidal Irradiation (UVGI) Application

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Abstract:

Occupational Safety and Health Management System constitute an important element for the success of safety and health. Effective use of OSHMS would lead to effective accidental incident rate reduction as well as maintaining a safety and health culture in workplace. In Malaysia, Occupational Safety and Health Management System requirements used are the Malaysian Standard (MS) 1722:2011 and Occupational Health and Safety Assessment Series (OHSAS) 18001: 2007. The objective of this study were to identify the trend of OSHMS implementation and to determine the benefits of OSH Management System certification. Methodology used in this study involved data collection by distributing the questionnaires among MS 1722 selected certified organization. Cross sectional study designs were used in this study. This study were conducted on certified OSHMS organization located in Klang Valley. Self-administered questionnaire were used to identify the effectiveness of OSHMS implementation among selected certified organization. Descriptive analysis and bivariate statistical analysis such as Pearson Correlation test were used in this study. Data were analysed using SPSS software version 21.0. Result indicate that majority of the organization choose integrating MS 1722 with OHSAS 18001 as the main factor for implementing MS 1722. MS 1722 and OHSAS 18001 should be integrated as both have similar functions which to have a good and systematic use of OSH management. Data collection also proved that main purpose for selecting and implementing OSHMS is to have a better and more systematic of OSH management. Result indicate that majority of the respondents agreed that OSHMS certification does benefited the organization in terms of improving their customer satisfaction levels, increase employee's OSH understanding, provide systematic documentation as well as improve organization's image. The findings of this research have important practical implications for the management to make an improvements on every aspects especially in OSH.

Keyword: Occupational Safety and Health Management System, Malaysian Standard (MS) 1722:2011, Safety Perception, Safety Satisfaction and Safety Feedback