

CRITICAL SUCCESS FACTORS THAT INFLUENCING SAFETY PROGRAM PERFORMANCE IN MALAYSIAN CONSTRUCTION PROJECTS: CASE STUDIES

ABDELNASER OMRAN

School of Housing, Building and Planning, 11800, Minden,
Universiti Sains Malaysia, Pulau Pinang
Email: naser_elamroni@yahoo.co.uk

ABDELWAHAB OMRAN

School of Housing, Building and Planning, 11800, Minden,
Universiti Sains Malaysia, Pulau Pinang

ABDUL HAMID PAKIR KADIR

School of Housing, Building and Planning, 11800, Minden,
Universiti Sains Malaysia, Pulau Pinang

Abstract

The construction industry is characterized as one with a poor safety culture globally. To achieve better site safety performance, emphasis has been placed on implementing effective safety programs. The main aim of this paper is to identify the Critical Success Factors that influencing safety program performance in Malaysian construction projects. In order to accomplish the aim of this study, the following objective was taken into consideration which is to study the factors contributing to the success of implementing safety program in construction projects. The study was carried out within Penang and Kedah States; it was basically focused on the respondents who involve in construction. Of 40 sets questionnaires were distributed, only 36 sets questionnaire returned and analyzed. After all the raw data obtained, the data were then inputted and analyzed with the software of Statistical Package for the Social Sciences (SPSS, version 17). The results of this study showed that good communication shall be treated as the most important factor, followed by clear and realistic goals, safety committee/safety officer, sufficient resource allocation and continuous participation of employee. On the other hand, work load/pressure was perceived as the least important factors. Apparently, these five factors have been given appropriate consideration in the construction sites and should be implied if it is not emphasized in construction industry in Malaysia.

Keywords: CSFs; Safety programme, Construction projects, Malaysia