

PERCEPTION OF CONSTRUCTION WORKERS ON WORK MOTIVATION TOWARDS SAFETY PRACTICES AT CONSTRUCTION SITE TO IMPROVE THE EFFICIENCY: IN SRI LANKA.

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ABSTRACT

This survey aims to recover out the Perception of construction workers on work motivation towards safety practices at construction site to improve the efficiency: in Sri Lanka. The objective of this research is to determine the factors which affecting health and safety of construction workers in Sri Lankan construction industry.

After the comprehensive Literature Review, the dependent and the independent variables for this research has been identified out of which a questionnaire was designed and the data collected through the questionnaire. The methods used to present this subject as discussed in the chapter of research methodology. The conceptual framework was structured based on the qualitative approach and 5 potential influential factors were explored. For the data aggregation for this survey was accomplished by taking an online survey using Google forms and for this survey, 50 respondents were participated offered their view towards research by answering to the Questionnaire. To meet this purpose a methodology has been developed 25 valid questionnaires were used in the analysis.

Questionnaire has been analysed using several data analytical methods such that Reliability test, Descriptive analysis, correlation analysis and cross tabulation analysis. A Chi Square test and relative important index (RII) analysis was used to identify the most influential factors which were affecting health and safety of construction workers in Sri Lankan construction industry using the SPSS statistical software. Then, recommendations, research findings and conclusions are provided supporting the research objectives and the research problem.

Key Words: Accidents, Work Environment, rules and procedure, PPE, Health & Safety