

**MANAGEMENT AND ORGANIZATIONAL FACTORS
AFFECTING FOR SAFETY PERFORMANCE IN BUILDING
CONSTRUCTION PROJECTS**

**MASTER OF SCIENCE DEGREE IN CONSTRUCTION
PROJECT MANAGEMENT**

Marasinghe Mudiyanseelage Niranga Marasinghe

Department of Civil Engineering

University of Moratuwa

Sri Lanka

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CONSTRUCTION PROJECTS**

By

Marasinghe Mudiyansele Niranga Marasinghe

Supervised by

Dr. Lesly Ekanayake

“This thesis was presented to the Department of Civil Engineering at the University of Moratuwa to partially satisfy the criteria for the attainment of a Master of Science degree in Construction Project Management.”

Department of Civil Engineering

University of Moratuwa

Sri Lanka

March 2024

DECLARATION

I, the undersigned, hereby affirm that the exposition titled "**Management And Organizational Factors Affecting For Safety Performance In Building Construction Projects,**" which I have composed and presented to the University of Moratuwa, as part of the requirements for the degree of Master of Science, under the guidance of Dr. Lesly Ekanayake, is entirely my own work. The conclusions presented therein are drawn from materials collected by myself.

Place : University of Moratuwa

Date :

Name : M.N. Marasinghe

Reg No. : 188716M

Signature of the Candidate :

Signature of the

Supervisor :

Date :

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ABSTRACT

This research paper focuses on the incident management and organizational factors having a bearing on quality of safety performance in the building construction projects. Central to the study is a narrative review of relevant literature, statistical analysis, and a performance evaluation system, which profiles the top performing factors, assigns their importance value and propose suggestions for improvement. Using the data acquired from 73 respondents through regression analysis, ANOVA, and correlation, the study assesses the direct associations between management attitudes, management policies, and safety performance. This conclusion is a clear reminder of how critical the dedication of management towards providing a safe environment, attitudes of supervisors and organizational policies plays in promote the same environment. The implementation safety evaluation model is a tool to be used by the organization in an approach when measuring performance for safety and guiding improvement activities. Recommendations include among other things: adding more safety training, adequate communication channels and sufficiently resourcing safety initiatives. The paper fill in knowledge gap in the area of risk management practices by presenting evidence based of the experience worthy of emulation especially in the construction sector and also offer the required tools for safety performance assessment on the projects.

Key words: Building Construction Projects, Safety Performance, Management and Organizational Factors, Safety Evaluation, Risk Management