

**INVESTIGATION OF HEALTH AND SAFETY
TRAINING REQUIREMENTS FOR LARGE SCALE
CONSTRUCTION PROJECTS IN SRI LANKA**

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ABSTRACT

Construction industry is one of the most significant industries which makes a considerable contribution to the GDP. Currently a large number of employees are working in this industry and a number of fatal accidents taken place every year. Therefore construction is one of most hazardous industries in the country and more attention needs to be given to improve health and safety in this industry.

Also, a lot of accidents taken place in construction projects are not reported. In the construction projects, enough competent safety professionals are not available to ensure the safe working environment. In Sri Lankan context people's attitudes on health and safety is not in the satisfactory level and, to change the attitudes of the people a lot of improvements need to be made providing necessary training emphasizing the importance of the health and safety. This research focuses on the adequacy of health and safety training in large scale construction projects in Sri Lanka.

The research followed a mixed method approach. A questionnaire survey and semi-structured interviews were used to gather the data. The questionnaire data was analyzed using statistical tools and manual content analysis was used to analyze interview data.

The research revealed that training on health and safety conducted in large scale construction projects is not enough to meet the required level to maintain an accident free working environment. The different types of trainings such as first aid, work at height, fire, etc. are needed to be conducted to minimize the accidents generating in these projects. The research further revealed that to minimize this adverse environment, more attention needs to be paid and to do it successfully, enough budgets should be allocated.

Key words : Health and Safety, Large scale construction projects, Health and Safety Issues, Health and Safety Training, Adequacy of Training,

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DECLARATION OF THE CANDIDATE & SUPERVISOR

I declare that this is my own work and this thesis does not incorporate without acknowledgement any material previously submitted for a Degree or Diploma in any other University or institute of higher learning and to the best of my knowledge and belief it does not contain any material previously published or written by another person except where the acknowledgement is made in the text.

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The above candidate has carried out research for the Masters of Occupational Safety and Health Management under my supervision.

Signature of the supervisor :..... Date :.....

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LIST OF ABBREVIATIONS

GDP	-	Gross Domestic Product
ILO	-	International Labour Organization
OSH	-	Occupational Safety and Health
PPE	-	Personal Protective Equipment
OHS	-	Occupational Health and Safety
OSHA	-	Occupational Safety and Health Assessment
CIDA	-	Construction Industry Development Authority
HR	-	Human Resource
UK	-	United Kingdom
USA	-	United States of America
NIOSH	-	National Institute of Occupational Safety and Health
RII	-	Relative Importance Index