

IDENTIFYING THE SUFFICIENCY OF COST PROVISIONS FOR HEALTH & SAFETY IN SRILANKAN CONSTRUCTION INDUSTRY

DMUP DISSANAYAKE¹ and DR SENARATHNE²

¹Undergraduate, ²Lecturer (Probationary)

**Department of Quantity Surveying, Faculty of Built Environment and Spatial Sciences
General Sir John Kotelawala Defence University, Sri Lanka**

ABSTRACT

The construction industry has identified as one of the most hazardous industry among other industries. Therefore Health and Safety is a must factor for the construction industry in present days. When considering budgeting for Health and Safety it takes low priority within the construction industry and consideration given for Health and Safety in a poor level. Most workers have no idea regarding practices of Health and Safety while working in construction sites. In most of projects, there is no appropriate cost provisioning practice to allocate money for Health and Safety in construction projects. However, so far there is no research conducted to find sufficiency of cost provisions for Health and Safety.

The aim is to identify whether the cost provisions for Health and Safety in construction industry is suffice to fulfill the requirement. Therefore both questionnaire and semi-structured interviews were used to collect data for this Thesis. Subsequently, past studies were also used for data collection. Content analysis and RII method were used to analyse the gathered data. This Thesis concludes that, cost provision for Health and Safety is insufficient for fulfill the requirement.

Results of the Thesis proved that Health and Safety has considerable effect on construction projects. In this Thesis it is recommended that the cost provisions can be done better according to factor based method, since it has clear factors to allocate money rather than allocating as percentage or a sum. It is also recommended that all the people who are engaged with construction works should be aware regarding the importance of Health and Safety and need to be provided proper training courses, proper site supervision and conducting safety meetings. Also it is recommended that appropriate new rules and regulations need to be introduced for Health and Safety in the construction industry. Further conducting programs to make professionals aware of rules and regulations which are newly introducing to the construction industry is also essential.

Key words- *Health and Safety, budgeting, cost control, estimating, industrial safety*