

EFFECTIVENESS OF PROPER COORDINATION OF MECHANICAL ELECTRICAL AND PLUMBING FOR PROJECT SUCCESS IN THE SRI LANKAN GOVERNMENT CONSTRUCTIONS

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ABSTRACT

The MEP systems used in construction projects are evolving and thus results the coordination among the MEP systems and building works a challenging and critical task in large scale building projects. So, most of the parties who are involving in the construction process pay attention to this task. This research mainly focusses on improve the effectiveness of MEP coordination with building works in Sri Lankan context. Literature review is based on the important literature findings of relevant previous researches and text books. The research was primarily approached qualitatively where semi-structured interviews were conducted among twelve selected participants who involved in MEP coordination. The limitation of this research is the less availability of information sources and less awareness of practitioners regarding MEP coordination. Ultimately, the study reveals the nature of MEP coordination in Sri Lankan practice, transaction cost involved in MEP coordination and develop a framework to enable MEP coordination process.

Keywords: MEP coordination, Building services, Building works, Construction industry, Coordination issue, project success, Sri Lanka