

Design of electrical equipment system for a 5-story building elevator

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Abstract: In the context of increasing demand for elevator usage in high-rise buildings, this paper proposes the design and implementation of an electrical system for an elevator in a 5-story building. The objective of the study is to enhance operational efficiency while ensuring safety during use. The approach is based on analyzing power requirements, selecting appropriate equipment, and conducting verification tests. The expected result is an electrical system that optimizes elevator performance, contributing to improved quality of life and safety for residents.

Keywords: Electrical equipment system, Elevator, 5-story building, Operational efficiency, Safety