

Annotation

In a graduate work provides a rationale for the electric lift truck. Held the analysis and justification of choice motor with frequency regulation. Made engine selection MTkN-311-6 and the inverter PI7800 015g3 . developed electric drive control system of the freight elevator and studied the dynamic mode of operation in a software environment matlab.

Under the economic part held feasibility study of final work.

In life safety section calculates the main events at the freight elevator operation. considered safety in the freight elevator operation and calculates the protective earthing.