

Annotation

In the diploma project was considered an electric drive of crane lifting mechanism. They were chosen and checked by mechanism of motors. Also there was considered calculations of braking mechanism and was researched a statical, mechanical and electromechanical quiality of electric drive.

In the Labor protection part, we calculated ventilation, fire safety and grounding process. Also was considered problems of safety techniques.

In the Economy part technical-economical calculations about depreciation and other economical marks. There was calculated economical efficiency of new system.