

Annotation

This diploma project analyzes the control system of a weaving machine used in light industry. The project implementation issues were considered, and the control system of the weaving machine based on a microcontroller in the form of a prototype was also implemented.

In the section of life safety, the working conditions of employees were considered. The parameters of humidity and air temperature were calculated, and the ventilation and air exchange system was normalized.

In the technical and economic section, the main and additional costs for the project were calculated. The economic efficiency of the project was evaluated.