

Annotation

The diploma project is devoted to the creation of an automatic control system for the ventilation system in the confectionery workshop. The project provides an overview and analysis of ventilation systems.

The functional diagram of the supply-exhaust system was created and the necessary devices for the complex of technical means were selected, also metrological calculation of the channel temperature sensor was performed.

The algorithm of the process and the mnemonic scheme in the SCADA system were developed. A remote control system has been developed using the Iridium Studio software environment. The questions of life safety and feasibility study of ventilation systems in the confectionery workshop are considered.