

Annotation

The diploma project is devoted to the creation of an automatic control system for the gas-burning device in the blast furnace production. In accordance with the theme of the diploma project, a system for automatic control of a gas burner has been developed.

To create a complex of technical devices, the necessary devices for the automatic control system of the gas burner were selected and the metrological calculation of the temperature sensor was performed.

Developed functional diagram of automation and mnemonic visualization of system. The questions of life safety and feasibility study are considered.