Annotation

In this thesis project examines the automation of the boiler thermal power station on the basis of industrial controller Siemens. It consists of technology, design and programming part, and includes sections of the economic and safety.

The technological part is considered a boiler CHP. For the automation of the boiler CHP describes the object of study, the selected object is constructed flow diagram and select the information and the software system.

In the economic part of the calculated cost of setting up the project and determine its effectiveness.

In the health and safety of the operator solve the problem of the noise of the room, consider noise protection measures and defined working conditions of the operator