

Summary

The diploma project examines the development of the automatic process control of the steam boiler E-2,5-0,9GM. Made basic automation solutions and the choice of the base PLC, a program control language STEP 7 based controller Simatic -1200. In the safety of life calculated the height of the chimney, the calculation of ventilation and lighting the boiler room "Kokzhiek." Technical and economic calculations confirmed the feasibility of this project