

Summary

The diploma project presents the development of the automatic process control boiler of KV-GM- 11, 63-150. The basic automation solutions and the choice of base PLC, a program control language STEP 7 based controller Simatic -1200. In the safety of life calculated the artificial lighting of the room operator and calculation of dust and gas emissions boiler "Kokzhiek". The feasibility of the introduction of the developed system confirmed the technical and economic calculation.