

Summary

This project addresses the modernization of boiler bkz-220-100 on thermal power station of Almaty city, with the aim of improving its steam output with 220 t/h up to 260 tons/h Project is complemented by heat calculation of boiler for new parameters, as well as the calculation of the annual economic impact of the reconstruction.

The work describes a composition of auxiliary equipment, automatic control regulation scheme. Conclusion provides information about environmental protection and occupational safety.