

## Summary

This graduation project provides for the expansion of the boiler plant of Almaty CHP-2. The place in the technological scheme and types of boiler shops of Almaty CHPP-2 is shown. At CHP-2 the calculated parameters of PPE and MSW were determined by creating a process of vapor expansion of 8 boilers. Calculation of the heat transfer coefficient by the method of gradual approximation and the heat exchange surface area. When calculating the surface area of the heat exchanger, the type of heater is selected.