

## Abstract

Such a design provides a degree of calculation of a thermal power plant in the city of Uralsk. The work is intended for sections of the technical part of the main and auxiliary equipment

In the section on labor protection and vital activity, we examined the degree of work in the turbine shop to ensure the condition in the workplace.

With the growth of the population of the city of Uralsk, we must build a CHP plant in order to support the city in terms of electrical and thermal capacity. In the same way, we considered parts of labor protection, the microclimate of the workshop and the end calculated the efficiency of the CHPP on the economic part of the project