

Summary

This diploma work includes the reconstruction of Ekibastuz GRES-2 being carried out, the back pressure turbine is installed. And the characteristics of the entire station are calculated. By describing the station and the turbine, there are ways to improve the technical performance of the station. The issue of block operation with sliding pressure, advantages and disadvantages of this method of work are also considered.

In the section on life safety, an analysis is made of personnel labor, the calculation of the required amount of air, and measures for electrical safety.

Selected intake and exhaust ventilation

In the economic part of the calculation of the main indicators of the station, further comparison of the cost of production before and after reconstruction.