

Annotation

The diploma project presents solutions for the renovation and expansion of the ZTK JSC «ALES» by installing SGT-200 with the aim of additional electricity for own needs of the boiler.

In project calculations heat boiler scheme taking into account the input of the new machine. Thermal calculation made turbines SGT-200.

In the economic part of the project is represented by the feasibility study undertaken by technical solutions.

In the section health and safety acoustic calculation of the boiler workshop and calculation of grounding is made.