

## **Annotation**

In this diploma project, a complete description was given for the Diagnostic Department of JSC «Alatau Zharyk Company»: the technological process was studied, the fire protection of the building was assessed and the time of evacuation in the event of a fire was determined. The calculation of the exhaust anti-smoke ventilation system was also made.

Measures have been developed to reduce the level of fire hazard in the enterprise. The issues of life safety and economic evaluation of efficiency are also considered.