

Annotation

In this thesis project developed an automated process control system for flotation of copper concentrate at Aktogai Project.

Development is implemented on the program Autodesk AutoCAD, Microsoft Excel, AVEVA Instrumentation. To automate the processes, knowledge of equipment and control cabinets were used. Norms and standards were taken into account when drafting the project.

This development allows to process copper in an automatic mode, as a result of which productivity increases, the volume of output, costs are reduced, the influence of the human factor is minimized.

The economic part of the project was calculated. In the health and safety section, artificial lighting and ventilation of the production hall is calculated.