

## Summary

Course work with title "ultrafiltration plant for the concentration of the solution atsyazy from 0.016% to 0.16" in subject "Equipment of membrane and refrigeration technology" includes the explanatory letter and assembly drawing.

Explanatory letter consists of \_\_\_ pages \_\_\_ pictures and a list of references, which consists of \_\_\_ sources. Assembly drawing of ultrafiltration installation is A1 format .

The purpose of the course work is to calculate the ultrafiltration membrane installation for concentrating atsyazy solution.

In this course work made the following calculations: an approximate calculation of the working surface of membranes, partitioning installation, the observed selectivity membranes calculations, calculation of hydraulic resistance. The calculations confirm the performance and reliability of the design.

Keywords: MEMBRANE, CONCENTRATION, ULTRAFILTRATION INSTALLATION, ATSYLAZA .