

Summary

Coursework on discipline: "Membrane equipment and refrigeration equipment" on "Membrane Filtration units for sterilizing air purification."

Size of the course work is drawing sheet A1 format and sheets explanatory note. Explanatory note contains figures, graphics, applications. References consists of literature references.

In the course work designed filtration unit for sterilizing air purification used for aseptic packaging plants drugs.

In calculating the basic settings defined by parameters such as the number of modules, selectivity, permeability, permeate costs. After that identifies the key characteristics. Also calculated required working surface membrane partitioning is performed.

Calculated membrane apparatus meets all requirements of the process of filtering, ensures tightness, air quality and are reliable.

Keywords: FILTER, STERILIZING, MEMBRANES.