

**Annotation coursework specialty 8.05020202**  
**Computer-integrated technological processes and produ-zvodstva on**  
**discipline**  
**"Applied Control Theory 2. Synthesis software, to provide for control of**  
**the"**  
**O.Matsibura group HA-51M**  
**Subject: "Management subsystem value of the oxygen concentration after**  
**the deaerator "**

In the course work was the creation of this subsystem control value for the oxygen concentration deaerator second circuit of the reactor, which would support its value at some level. There are constr-ktsiyu deaerator, the choice of parameters and automatic regulation.

The next step was presented a feasibility study on the management subsystem parameters deaerator, identification of the mathematical model of the process object management YAPYM description of the model, the analysis of simulation results.

The next part of the course work algorithm functioning of management subsystem conductivity in water purge pas roheneratora calculated separate block algorithm operation-controller configuration and calculation by the system controller STAR. Developed program identification and simulation program TOW and functional diagram shows the automation.