SUMMARY

Explanatory note 95 p., 14 fig., 31 table, 6 applications, 27 source.

Completed project computer calculation process of dehydration and granulation in a fluidized bed.

The project is justified technological regime is a flow chart of the process of dehydration and granulation of ammonium sulfate. The characteristics of the technological scheme of the process of dehydration and granulation of ammonium sulfate.

Completed computer calculation of the material balance of the process in the program-simulator ChemCad 6.3.1.

A process automation scheme. Select the desired control and regulation device.

A cost-organizational calculations the basic technical and economic parameters of the process.

We consider safety of the production process. The technical solutions for safety.

AMMONIUM SULFATE, CHEMCAD, MATERIAL BALANCES, COMPUTER CALCULATIONS, CYCLONE, CONTROL ANDREGULATION