

## **ANNOTATION**

### **Term paper on discipline "Constructional materials in technology of inorganic substances" on the subject "Receiving Difficult Fertilizers (Nitrofosok)"**

Physicochemical fundamental of nitrophosphate production have been considered, process flow sheet has been introduced. The drawings of the technological scheme of the main unit have been presented.

Construction materials for technological equipment and apparatus have been chosen.

NITROPHOSHATE, APATITE CONCENTRATE, DECOMPOSITION OF PHOSPHATES, GRANULATION, RUSS, GOOLING, GONDITIONING.

The reactor is manufactured of stainless steel 10X17H13M2T. For the case of drying granulator use carbon qualitative steel 60-70, and the main details make of the carbonaceous alloyed steel 12H13G. Steel of ordinary quality of St3, St4 if the period of storage of substance long, the collection futerutsya by the alloyed steel can apply to the collection. The fire chamber is made of the strong heat-resistant alloyed steel 10X17HBM2T. The absorber and a heater of solution can be made of the alloyed steel 10X13M. Grokhota and a crusher make of the alloyed wearproof G13 steel.