

## ABSTRACT

Course work on discipline "engineering materials in technology of inorganic substances" on "the Production of double superphosphate"

The physical-chemical basis of ammonia synthesis, is presented the technological scheme of the process. Drafts of the technological scheme and the main unit. The choice of structural materials of technological equipment and machinery.

THE PRODUCTION OF DOUBLE SUPERPHOSPHATE, SUPERPHOSPHATE, FLUORAPATITE, PHOSPHATE ACID, PHOSPHATE ROCK, SUPERPHOSPHATE

The main devices. Hopper for phosphate flour is made of St3. Spray dryer can be done from 50, X15, × 17. For heating you can use the common quality steel Vst3sp; alloy steels 08X13 or 12X18H10T.