

Course work in discipline "Constructional materials technology of inorganic substances" on "Production of triple superphosphate"

Physicochemical fundamental of simple superphosphate production have been consider, 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.

TRIPLE SUPERPHOSPHATE, TUBELESS WAY, DRYING DRUMS, SCRUBBERS, CYCLONES, HAMMER CRUSHER, SIFTER

Housing main device - the drying drum is made of stainless steel 05X23H17M3Д3T. The protective lining is made of tile or brick. Screw, which is located inside the drum, made of stainless chrome-nickel steel – 08X18H9.

Scrubber and cyclone made from steel, standard, guaranteed chemical composition and mechanical properties ВСт3п. Scrubber lined with ceramic tiles and cyclone alloy steel - 12X18H10T.