

Coursework on discipline: "**Constructional materials technology of inorganic substances**" on "Production of simple superphosphate"

The physical-chemical basis of simple superphosphate production presented technological scheme of the process and its description, the main technological equipment and conditions of work.

The choice of construction materials processing equipment.

PRODUCTION OF SIMPLE SUPERPHOSPHATE, PULP, APATITE, GRANULATED PRODUCT.

Mixer - made of stainless steel and lined 05H23N10H7M3T diabase tiles. Superphosphate Camera Case made from steel, standard St 4 and additionally lined with fireclay bricks. Pressure tank of sulfuric acid made from SCH21H28S17G that is lined with acid-resistant concrete. Scales to check weigher and checkweigher advisable hopper made of stainless steel 05H13G5.