

ANNOTATION

Course work from discipline "Materials of construction technology of inorganic substances" on "industrial synthesis of methanol"

Considered the physical and chemical bases for synthesis of methanol.

Represented a schematic flowsheet of the process. Shown blueprints of the technological scheme and the main machine.

Is substantiated the choice of construction materials for processing equipment.

Characteristics of products, raw materials, auxiliary materials. Physico-chemical basis of the chosen method of production. Description of the technological scheme of production and the main unit. Justification of the choice of structural materials.

NATURAL GAS, CARBON DIOXIDE, WATER, METHANOL SYNTHESIS, METHANE, SYNTHESIS GAS ANNULUS SYNTHESIS COLUMN, CYCLE GAS, THE CATALYST OF THE BOX.