

ABSTRACT

Course work in discipline "**Materials of construction technology of inorganic substances**" on "Department of processing nitrogen oxides nitric acid plant"

Explanatory note contains 24 p., 1 tab., 2 ap., 3 bibl.

Physicochemical fundamental of separation processing plant nitrogen oxides nitric acid 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.

NITROUS GASES, LOWLY CONCENTRATED NITRIC ACID, ABSORPTION OF NITRIC OXIDE (IV), HIGHLY CONCENTRATED NITRIC ACID

The autoclave is made of high quality steel grade 50. The Corps of high-speed refrigerators are made steel of ordinary quality VSt4ps 10H13G10N5T for coils.