

ANNOTATION

Course work from discipline "Materials of construction technology of inorganic substances" on "Absorption of hydrogen chloride".

Physicochemical fundamental of ammonia synthesis 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.

**ABSORPTION, HYDROGEN CHLORIDE, HYDROCHLORIC ACID
ABSORBER, COOLING WATER, SANITATION COLUMN.**

Body of absorption tower made of carbon steel 12Cr17, 15Cr28, which is lined with acid-resistant tiles, individual parts are made of tantalum TaW4. To use the refrigerator iron MF5 For the flame arrester can be used steel of general quality mark 45. The storage tank is made of steel 20CrMoVNB.