

Coursework in discipline « **Materials of construction technology of inorganic substances** » on « Production of caustic soda »

Physicochemical bases of production of caustic soda are considered, a flowsheet of process is presented. The drawings of the technological scheme of the main unit have been presented.

Construction materials for technological equipment and apparatus have been chosen.

CAUSTIC SODA , SODIUM HYDROXIDE, ALKALI,
CAUSTIFICATION PROCESS, LIME, EXTINGUISHER- CAUSTIFICATION

Body of the device and steel lid made from high quality carbon steel grades 45,50,55, drum inside is lined with steel for protection against abrasion 08X22H6T. The sump is made from cast iron СЧІІ 1, СЧІІ 2. For the manufacture of a collection of weak alkalis also use cast iron СЧІІ 1 and СЧІІ 2.