

Course work in discipline “Constructional materials technology of inorganic substances” on “Production of the calcinated soda”

Explanatory note 23 p., 1 tab., 7 references.

The ammonia method of manufacturing of soda ash considered. The requirements to finished products and raw materials given. The physicochemical fundamentals of manufacturing of soda ash and reasonable standards of technological regimes reviewed. The choice of structural materials for technological equipment justified.

SODA ASH, PRODUCTION TECHNOLOGY, CARBONIZATION DRUM  
VACUUM FILTERS, AMMONIATED BRUM, REGENERATION AMMONIA,  
CALCIUM CHLORIDE.

It is possible to make the corps of mine stove from heatproof steel 20X20N4C2, XH56BMKIO, 15X28T, 15X25T, basis - aluminium cast-iron. Inwardly construction line with a fire-clay brick or diabase tile.