

## Abstract

Explanatory note 44 p., 6 fig., 8 table., 8 references.

The physical-chemical basis of production catalyst (adsorbent) purification of natural gas desulfurization in ammonia production, developed technological scheme of the process. Material and heat balance have been calculated. Basic equipment have been calculated too.

The possible environmental problems and proposed solutions have been considered.

CATALYSTS, HYDROGEN SULFIDE, TREATMENT, ADSORPTION,  
DRYER