

Annotation to discipline
“Underground Gas Storages”

Total work content of discipline learning is 3 points of credit (108 hours).

Purpose of discipline. To generate students knowledge about modern technologies of storage and transportation of gas. Writing skills the organization of transport and storage of gas.

Tasks of discipline.

To grasp the function, structure and different types of of underground gas storage, gas quality assessment indicators and methods for cleaning and drying it; technological scheme for the collection, distribution and processing of gas, signs of the formation and operation of underground gas storage.

Main didactic units (parts).

Trends in the development of underground gas storage facilities and a network of underground gas storage.

Physico-chemical properties of natural gas.

The study of injection-production wells in underground gas storages.

Determination of the volume and shape of the underground tanks.

Technological features and man-made changes in the UGS.