Student: Martynyuk Eugenii Valerievich, group PI-51

Supervisor: prof. D.Sc. Korobko IV

Enterprise: NDC "PRICE" "KPI name Igor Sikorsky »

Anotation

Pre-diploma practice was held in research Center " Devices and systems energy saving " (NDC" PRICE "). NDC "PRICE" is a structural subdivision of the research department of the National Technical University of Ukraine "Igor Sikorsky Polytechnic Institute".

The main activities of NDC "PRICE" are:

- development of modern systems for designing means for measuring costs, pressure, temperature and levels;
- creation of a model of interaction of flows of measured liquids with sensory elements of devices for cases of the steady and tensile flow regimes;
- development of systems for designing means for measuring the speed and speed of energy consumption;
- development of systems for designing high-sensitivity turbine flowmeters and meters, incl . with unloaded sensitive elements, etc.

During practice, the technical characteristics of ultrasonic gas meters, the field of application, design features were revealed. The physical and chemical properties of natural gas were also studied.