

MANAGEMENT AT AUTOMATIC PUMP STATION TOWER WATER SYSTEM

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An investigation of schematic diagrams control pumping stations in different modes, a choice grounded electric gauges and their joint work with sensors at the tower of the water supply system.

Key words: pumping station, water consumption, submersible pump, water tower, water supply scheme.

To control automated pumping stations tower used electrode level sensors. These sensors operate reliably at positive temperatures and refuse to work in the cold, because the electrodes are covered with ice and, in addition, rapidly oxidized. Therefore, new controls submersible pump stations to control the water level in the water tower providing electric pressure gauges installed in the premises of the pumping station.

Objective research – justification operational functions to control and protect pumping stations based on their study of schematic diagrams at the tower water system.

Materials and methods of research. Based on a study of schematic diagrams control pumping stations The choice of electric gauges and their joint operation of the level sensor.

Results. Based on a study of schematic diagrams pumping stations control regime functions reasonably pumping stations with their automatic control, electric gauges appropriateness of choice and their joint operation of the level sensor when there is static pressure drop in the system by changing the water level in the tank for 1-2 m.

List of literature

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Anotatsiya.

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