

Method for control of pressure or flow rate of gas in outlet mains of a gas-distribution station includes continuous comparison of the parameters of the gas flow – pressure or gas flow rate – in the outlet mains to the set before values, with determination of the sign of difference between the parameter of flow and the pre-set value, with continuous feed of control pressure to the control inlets of the flow-through pressure controllers in the line of reduction of the gas-distribution station, with control of the control pressure to obtain a satisfactory value of that difference; at that, if needed, those pre-set values of parameters of the gas flow are changed. To increase stability of support and the range of control of the gas flow parameters in the outlet mains the control pressure is applied through the pipeline from the receiver filled with command gas under pressure, with determination of the difference, and at the value of the difference being larger than the acceptable one, pressure in the receiver is changed. Appliance is proposed as well for realization of the method.