

ABSTRACT

There are provided an electric anticorrosion system which is capable of preferably removing hypochlorous acid even in a case where an anticorrosion voltage which is at least a predetermined value is applied and a seawater desalination plant which is provided therewith. The electric anticorrosion system 2 is provided with an electrode 21 disposed via insulating materials (35a, 35b) in a piping 32 in which an electrolytic solution passes and flows, an anticorrosion power supply 22 which applies a voltage between the electrode 21 and the piping 32, and at least a flowmeter 23 which is installed in the piping 32 and measures a flow rate of the electrolytic solution which passes and flows in the piping 32 and a residual chlorine meter 24 which is installed in the piping 32 and measures a concentration of the hypochlorous acid in the electrolytic solution which passes and flows in the piping 32, and has a control unit 20 which controls so as to add at least a hypochlorous acid removing agent to the electrolytic solution which passes and flows in the piping 32 on the basis of a measured value of the flow rate of the electrolytic solution by the flowmeter 23 and a measured value of the hypochlorous acid concentration in the electrolytic solution by the residual chlorine meter 24.

Fig. 2