

METHOD FOR SUPPRESSING CORROSION FATIGUE OF BOILER EVAPORATION TUBE

ABSTRACT

This invention effectively suppresses the corrosion fatigue of a boiler evaporation tube that is associated with repeated stress attributed to the presence of a corrosive environment and scales. This method for suppressing corrosion fatigue of a boiler evaporation tube includes maintaining the dissolved oxygen concentration of the boiler water at 1.0 mg/L or less. Preferably deionized water is used for the boiler water and a scale dispersant is present in the boiler water.

Figure 1