

ABSTRACT

There are provided a method and an apparatus for treating organic matter-containing water, the method and apparatus being capable of inhibiting the multiplication of microorganisms in an activated carbon column and a reverse osmosis membrane separator and performing stable treatment over long periods of time in a process including active carbon treatment and subsequent RO membrane separation treatment with an ultrapure water production system for use in electronic device manufacturing plants. The method for treating organic matter-containing water includes an oxidizer addition step of adding an oxidizer to organic matter-containing water, an activated carbon treatment step of treating the organic matter-containing water that has been subjected to the oxidizer addition step with activated carbon, and a reverse osmosis membrane separation step of feeding the organic matter-containing water that has been subjected to the activated carbon treatment step into a reverse osmosis separation means, in which a combined-chlorine-based oxidizer is used as the oxidizer.