

ABSTRACT

There is provided an ammonia processing system (1) which includes a drainage line (10) through which boiler waste water (W) is supplied to a mixing tank (9), a pH measurement device (24) which is provided on the drainage line (10) and is configured to measure pH of the boiler waste water (W) which flows in the drainage line (10), a pH adjustment device (23) that adds a pH regulator for adjusting pH of the boiler waste water (W) to the boiler waste water (W), an electrolysis device (2) that performs electrolysis of seawater or saltwater so as to generate electrolyzed water (E) which contains hypochlorous acid, a supply line (18) which is provided on an upstream of a confluent portion (20) of the drainage line (10) and the mixing tank (9) and is configured to supply hypochlorous acid generated by the electrolysis device (2) to the boiler waste water (W), and a control device (8) that controls the amount of the added pH regulator based on a measurement value of the pH measurement device (24).

(FIG. 1)