

ABSTRACT

Provided are a silica-containing water treatment system and method which are capable of efficiently treating silica-containing water. A silica-containing water treatment system 1 includes: a magnesium dissolving tank 10 in which a magnesium salt and an acid are mixed and reacted with each other at a pH of 7 or less to prepare a magnesium-containing liquid; and a magnesium reaction tank 12 in which a mixed liquid obtained by mixing silica-containing water and the magnesium-containing liquid is reacted at a pH in the range of 10-12.

[FIG. 1]