

OPERATION DIAGNOSTIC METHOD OF CIRCULATING FLUIDIZED BED
BOILER, AND OPERATION DIAGNOSTIC DEVICE

ABSTRACT

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Disclosed is an operation diagnostic method of a circulating fluidized bed boiler which provides settings necessary for simultaneously satisfying the target values of a plurality of index items without requiring the judgment of an experienced operator. The operation diagnostic method of a circulating fluidized bed boiler includes an inference
10 data calculation step S4 of estimating the degree of influence of the setting items on the index items, and the target values of the setting items for satisfying the target values of the index items, an ordering step S5a of ordering the setting items based on the degree of influence of the setting items on the index items, and an output step S6 of outputting information for controlling the index items to the target values. In the inference data
15 calculation step S4, the target values of the index items are input to a Bayesian network to calculate probability values which are the degree of influence of the setting items on the index items. In the ordering step S5a, a plurality of setting items are ordered using the probability values.

(Figure 1)