

ABSTRACT

DISTILLATION TOWER MANAGEMENT SYSTEM, DISTILLATION TOWER STATE ANALYSIS METHOD AND DISTILLATION TOWER MANAGEMENT METHOD

Provide is a distillation tower management system, a distillation tower state analysis method, and a distillation tower management method that are capable of predicting abnormality in distillation towers before the abnormality becomes apparent and capable of taking preventive actions. The distillation tower management system includes a measurement unit 10 that is at least one selected from the group consisting of a pressure measurement unit 11, a temperature measurement unit 12 and a chlorine measurement unit 13, an operation data unit 20 for producing operation data containing measurement data measured with the measurement unit 10, an analysis unit 30 for analyzing the state of a distillation tower 103 from the operation data and producing analysis data regarding the state of the distillation tower 103, and a control unit 40 for producing, based on the analysis data, control data regarding a differential pressure-eliminating agent that is added to the distillation tower 103.

[Fig.1]