

ABSTRACT

MONITORING SYSTEM, MONITORING METHOD AND MONITORING PROGRAM FOR STEAM-USING FACILITY

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A monitoring system that monitors a steam-using facility 2 includes a temperature sensor that is a trap temperature sensor configured to detect a temperature of a steam trap 23a provided in a steam discharge unit 23 and/or a steam temperature sensor 23b configured to detect a temperature of steam flowing into the steam trap 23a and a pressure sensor 11 configured to detect a pressure of steam flowing into the steam trap. The monitoring system determines that there is an occurrence of an abnormality or a sign of the abnormality in the steam trap when (i) a temperature detection value obtained by the temperature sensor and/or statistical temperature data obtained by performing statistical processing on the temperature detection value deviates from a predetermined criterion thereof and (ii) a pressure detection value obtained by the pressure sensor and/or statistical pressure data obtained by performing statistical processing on the pressure detection value deviates from a predetermined criterion thereof.

[Figure 1]