



GE Energy

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Flame arrestor turbo bypass-line Type 6

Problem description:

There are 2 service reports about accumulations of dirt at the flame arrestors in the turbo bypass-line of type 6. In one case the engine (J620GS) was running on 2300kW with a totally open turbo bypass-valve and the throttle valve was regulating with a position of approximately 55%.

Reason:

Increased pressure loss leads to turbo surging because of accumulations of dirt at the flame arrestors of the turbo bypass-line.

Error detection:

Turbo surging in connection with an increasing power reserve with unchanged ambient conditions is an indication.

Corrective measure:

The problem can be solved by cleaning the flame arrestor.