

Boiler Water Level Indicators

Amended Rules

Rules for the Survey and Construction of Steel Ships Part D

Reason for Amendment

The ClassNK Rules stipulate that boilers are, in principle, to be provided with at least two independent water level indicators for redundancy. For boilers whose design pressures do not exceed 1MPa , the Society allows one of the independent water level indicators to be replaced by a high/low water level alarm device having a remote function.

The safety level of such comparatively small boilers, however, can be improved when remote water level indicators are used instead of alarm devices since even for small boilers having information about real time water levels allows timely action to be taken in response to problems. As a result of the review of boiler water level indicator requirements, all the relevant requirements were amended.

Outline of Amendment

Specified that the replacement of remote water level indicators by high/low water level alarm devices is not permitted, even for boilers whose design pressures do not exceed 1MPa .

Amended Requirements

Rules for the Survey and Construction of Steel Ships
Part D: 9.9.8