

Shell Type Exhaust Gas Economizers

Amended Rules

Rules for the Survey and Construction of Steel Ships Part D

Reason for Amendment

IACS Unified Requirement (UR) P6 specifies requirements related to the designs of shell type exhaust gas economizers, etc. UR P6 specifies that shell type exhaust gas economizers are to be provided with relief valves for preventing rupture accidents due to pressure increases. It also specifies that relief valves are to have features to prevent the accumulation of solid matter under the assumption that such valves are not typically adequately maintained. Furthermore, it specifies that bursting discs are to be provided as alternative means where no the relief valves incorporating these features are fitted.

Feedback stating that the structural requirements for relief valves are too stringent led IACS to conduct a review of the relevant requirements. As a result, IACS decided to delete the requirement for the reason that relief valves are examined in periodical surveys, where their condition can be verified, and the fact that no reports of such damage occurring have been received. In conjunction with this revision, IACS also deleted the requirement relating to installation of bursting discs.

These revisions were adopted as UR P6(Rev.1) in June 2015.

Accordingly, relevant requirements were amended in accordance with IACS UR P6(Rev.1).

Outline of Amendment

- (1) Deleted requirement specifying that relief valves for shell type exhaust gas economizers are to incorporate features that ensure pressure relief, even with respect to any solid matter deposits on the valve and guide, etc.
- (2) Deleted requirement relating to installation of bursting discs.