

Surveys of Gas Fuel Supply Systems

Amended Guidance

Guidance for the Survey and Construction of Steel Ships Part GF

Reason for Amendment

The International Code of Safety for Ships Using Gases or Other Low-flashpoint Fuels (IGF Code) requires non-destructive testing and pressure testing to confirm integrity of the fuel supply systems. ClassNK specifies that such testing is to be carried out in the presence of one of its surveyors.

Although the IGF Code requires installation of various safety systems such as alarms and devices to shutdown gas fuel supply in cases of gas fuel leakage, it does not specify requirements for the testing of such safety systems.

Since the above-mentioned safety systems are essential devices to ensure the safety of ships, all relevant requirements were amended to require that the satisfactory operation of safety systems is also to be confirmed in the presence of a surveyor.

Outline of Amendment

- (1) Specified that satisfactory operation of the safety systems for gas fuel supply systems are to be confirmed by testing.
- (2) Specified that in other cases testing is to be carried out as appropriate based upon the results of risk assessments.

Amended Requirements

Guidance for the Survey and Construction of Steel Ships
Part GF: GF4.2.3, GF14.3.7, GF15.2.2, GF15.4, GF16.7.3