

Guidelines for the Approval and Survey of Exhaust Gas Cleaning Systems

Amended Rules and Guidance

Rules for Marine Pollution Prevention Systems
Guidance for the Classification and Registry of Ships
Guidance for Marine Pollution Prevention Systems

Reason for Amendment

Regulation 14 of MARPOL Annex VI stipulates the maximum allowable sulphur content limits (% by mass) of fuels used on board ships for the prevention of air pollution by sulphur oxides emitted from ships. In cases where fuels whose sulphur contents exceed the maximum limits are used, provisions approved by the flag Administration for reducing sulphur oxide emissions deemed to be “as effective as” or “more effective than” the use of fuels complying with said regulation are required to be provided. The Class NK Rules specify that those means complying with the IMO’s guidelines pertaining to their equivalent which are approved by the Administration are accepted as such provisions.

The IMO, under the assumption that exhaust gas cleaning systems would be used as the above-mentioned provisions, adopted guidelines stipulating items, such as specifications of said systems, to be complied with as IMO Resolution MEPC.259(68) in May 2015.

Furthermore, in the “Survey Guidelines under the Harmonized System of Survey and Certification (HSSC), 2017” adopted as IMO Assembly Resolution A.1120(30) at the 30th session of Assembly held in December 2017, requirements related to the surveys of exhaust gas cleaning systems, used as the above-mentioned provision, make reference to IMO Resolution MEPC.259(68).

Accordingly, all relevant requirements were amended to specify requirements for approval and survey, etc. of systems, such as exhaust gas cleaning systems, based upon IMO Assembly Resolution A.1120(30).

Outline of Amendment

The main contents of this amendment are as follows:

- (1) Amended requirements related to the registration surveys for ships installed with exhaust gas cleaning systems as follows:
 - (a) Specified manuals, such as operation manuals, of exhaust gas cleaning systems are to be retained on board the ship after being approved by the Society.
 - (b) Specified that surveys comprising performance testing, etc. of exhaust gas cleaning systems are to be carried out.
 - (c) Added items regarding exhaust gas cleaning systems to relevant registration application forms, etc.
- (2) Specified that general examinations and performance tests are to be carried out at the periodical surveys of ships installed with exhaust gas cleaning systems.
- (3) Specified that an occasional survey in a manner similar to the survey mentioned in (1) above is to be carried out for ships which are newly installed with an exhaust gas cleaning system after delivery.

Amended Requirements

Rules for Marine Pollution Prevention Systems Part 2 1.3.2, 2.1.2, 2.1.3, 3.1.2, 3.2.2, 3.3.2
Guidance for the Classification and Registry of Ships Appendix 1
Guidance for Marine Pollution Prevention Systems Part 2 1.3.2, 2.1.2, 2.1.3, 3.1.2, 4.1.2,
Part 8 1.2.2, 2.2