

Rules for Marine Engine Emission Verification

Established and Amended Rules and Guidance

Rules for Marine Engine Emission Verification (Establishment)
Guidance for Marine Engine Emission Verification (Establishment)
Regulations for the Issue of Statutory Certificates
Rules for Marine Pollution Prevention Systems
Guidance for Marine Pollution Prevention Systems

Reason for Amendment

ClassNK carries out the diesel engine NOx emission verification required by Annex VI of MARPOL, approval of technical file, etc. in accordance with requirements of the NOx Technical Code referenced by Annex VI of MARPOL.

However, the application of the above-mentioned requirements is becoming more complicated; for example, diesel engines fitted with selective catalytic reduction (SCR) systems as NOx reducing devices are also subject to IMO resolution MEPC.198(62) (Guideline for Diesel Engines Fitted with SCR Systems), in addition to the NOx Technical Code.

Therefore, ClassNK decided to consolidate all of the above-mentioned requirements with the previous “Rules for Marine Engine Emission Verification” (which summarized all requirements which need to be satisfied by ClassNK for the purpose of carrying out the above-mentioned verification, approval, etc.) as the newly established “Rules for Marine Engine Emission Verification” (a new independent Part of the ClassNK Rules) to make those requirements more comprehensive and transparent.

In addition to the above, the IMO, at the 71th session of the Marine Environment Protection Committee (MEPC71) held in July 2017, adopted amendments to the above guideline for diesel engines fitted with SCR systems as resolution MEPC.291(71). Accordingly, relevant requirements were amended based upon resolution MEPC.291(71).

Outline of Amendment

The main contents of this amendment are as follows:

- (1) Consolidated the requirements relating to the verification of engine NOx emissions, the approval of technical files, etc., by establishing the “Rules for Marine Engine Emission Verification” as an independent part of the ClassNK Rules so as to make the above-mentioned requirements more comprehensive and transparent.
- (2) Deleted requirements relating verification, approval, etc. referred to in (1) above from the “Rules for Marine Pollution Prevention Systems”.
- (3) Renumbered referenced guidelines related to diesel engines fitted with SCR systems.

Amended Requirements

Rules for Marine Engine Emission Verification (Establishment)
Guidance for Marine Engine Emission Verification (Establishment)
Regulations for the Issue of Statutory Certificates 2.1.1, 3.1.1
Rules for Marine Pollution Prevention Systems Part1 1.2(Deleted), 2.1.3, Part8 1.1.2, 2.1.1, 2.1.2, 2.1.3

Guidance for Marine Pollution Prevention Systems Part2 2.1.3, 4.1.2, Part8 2.1.1, 2.1.2,
2.1.3