

Characteristics of Governors for Prime Movers Driving Generators

Amended Rules and Guidance

Rules for the Survey and Construction of Steel Ships Parts D and H
Rules for High Speed Craft
Rules for the Survey and Construction of Inland Waterway Ships
Guidance for the Survey and Construction of Steel Ships Parts B, D and Q
Guidance for the Survey and Construction of Inland Waterway Ships
Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use

Reason for Amendment

The ClassNK Rules specifies requirements related to the throwing-on method to be used when confirming the characteristics of governors for prime movers driving generators. These requirements are based upon IACS Unified Requirement (UR) M3(Rev.6).

The only example given for throwing-on in steps in the UR, however, is for four-stroke diesel engines, and so the treatment of gas-fuelled engines by the UR was unclear.

Accordingly, relevant requirements were amended in order to clarify the treatment of the throwing-on in steps method with respect for gas-fuelled engines. In addition, requirements related to the characteristics of governors for prime movers driving generators in the Part H of the Rules for the Survey and Construction of Steel Ships were moved to the Part D. This is being done as part of a comprehensive review of the ClassNK Rules.

Outline of Amendment

The main contents of this amendment are as follows:

- (1) Specified that the throwing-on in steps methods for gas-fuelled engines are to be decided by mutual agreement between manufacturer and user.
- (2) Relocated the requirements specified in the Part H of the Rules for the Survey and Construction of Steel Ships related to the characteristics of governors for prime movers driving generators to Part D.

Amended Requirements

Rules for the Survey and Construction of Steel Ships
Part D: 2.4.1, 3.3.1, 4.3.1
Part H: 2.4.1, 2.4.2, Fig. H2.1
Rules for High Speed Craft
Part 9 2.2.1, 3.3.1
Rules for the Survey and Construction of Inland Waterway Ships
Part 7 2.4.1
Part 8 2.4.1, 2.4.2, Fig. 8.2.1
Guidance for the Survey and Construction of Steel Ships
Part B: B2.3.1
Part D: D2.4.1, Fig. D2.4.1
Part Q: Q20.8.1
Guidance for the Survey and Construction of Inland Waterway Ships
Part 2 2.3.1
Part 7 2.4.1, Fig. 7.2.4.1
Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use
Part 6 8.5.2