

Materials for Cable Insulation and Cable Sheaths

Amended Rules and Guidance

Rules for the Survey and Construction of Steel Ships Part H
Rules for the Survey and Construction of Inland Waterway Ships
Guidance for the Survey and Construction of Steel Ships Part H
Guidance for the Survey and Construction of Inland Waterway Ships

Reasons for Amendment

The requirements in the ClassNK Rules for materials used for the insulating and sheathing of cables are in accordance with Japanese Industrial Standard JIS C3410.

JIS C 3410, however, was amended in October 2018 in order to delete requirements for polyvinylchlorid insulation (except for polyvinylchlorid insulated wires for control equipment wiring) and requirements for lead sheaths. This amendment was adopted as JIS C 3410 (2018).

Accordingly, relevant requirements were amended in accordance with JIS C 3410 (2018).

Outline of Amendment

The main contents of this amendment were as follows:

- (1) Deleted the column for polyvinylchlorid insulation whose maximum rated conductor temperature is 70°C from Table for “Current Ratings of Cables”
- (2) Added note for “polyvinylchlorid insulated wires for control equipment wiring, etc” specified in the column for polyvinylchlorid insulation whose maximum rated conductor temperature is 75°C to Table for “Current Ratings of Cables”.
- (3) Deleted all requirements for lead sheaths.

Amended Requirements

Rule for the Survey and Construction of Steel Ships
Part H: Table H2.13, 2.9.13, 2.9.18, 4.2.4
Rules for the Survey and Construction of Inland Waterway Ships
Part 8 Table 8.2.13, 2.9.12, 2.9.17, 5.9.4
Guidance for the Survey and Construction of Steel Ships
Part H: H2.1.4, Table H2.1.4-1 , H2.9.3
Guidance for the Survey and Construction of Inland Waterway Ships
Part 8 2.1.4, Table 8.2.1.4-1 , 2.9.3