

RULES FOR CARGO REFRIGERATING INSTALLATIONS

Rules for Cargo Refrigerating Installations

2021 AMENDMENT NO.2

Rule No.64 27 December 2021

Resolved by Technical Committee on 28 July 2021

ClassNK
NIPPON KAIJI KYOKAI

An asterisk (*) after the title of a requirement indicates that there is also relevant information in the corresponding Guidance.

Rule No.64 27 December 2021

AMENDMENT TO THE RULES FOR CARGO REFRIGERATING INSTALLATIONS

“Rules for cargo refrigerating installations” has been partly amended as follows:

Chapter 3 REFRIGERATING MACHINERY

3.1 General

3.1.3 Materials and Welding*

Sub-paragraph -6 has been amended as follows.

6 ~~Refrigerating machinery using specific~~ Special materials such as rubber hoses, plastic tubes, (including vinyl pipes), etc., or aluminium alloys, etc. used for refrigerating machinery is to be approved or accepted by the Society, ~~considering~~ in consideration of the refrigerant used or service conditions.

EFFECTIVE DATE AND APPLICATION

1. The effective date of the amendments is 1 July 2022.
2. Notwithstanding the amendments to the Rules, the current requirements apply to plastic piping systems other than those which fall under the following:
 - (1) plastic piping systems for which the application for approval of use is submitted to the Society on or after the effective date;
 - (2) plastic piping systems for which the date of renewal of approval of use is on or after the effective date; or
 - (3) plastic piping systems used on ships for which the date of contract for construction* is on or after the effective date.

* “contract for construction” is defined in the latest version of IACS Procedural Requirement (PR) No.29.

IACS PR No.29 (Rev.0, July 2009)

1. The date of “contract for construction” of a vessel is the date on which the contract to build the vessel is signed between the prospective owner and the shipbuilder. This date and the construction numbers (i.e. hull numbers) of all the vessels included in the contract are to be declared to the classification society by the party applying for the assignment of class to a newbuilding.
2. The date of “contract for construction” of a series of vessels, including specified optional vessels for which the option is ultimately exercised, is the date on which the contract to build the series is signed between the prospective owner and the shipbuilder. For the purpose of this Procedural Requirement, vessels built under a single contract for construction are considered a “series of vessels” if they are built to the same approved plans for classification purposes. However, vessels within a series may have design alterations from the original design provided:
 - (1) such alterations do not affect matters related to classification, or
 - (2) If the alterations are subject to classification requirements, these alterations are to comply with the classification requirements in effect on the date on which the alterations are contracted between the prospective owner and the shipbuilder or, in the absence of the alteration contract, comply with the classification requirements in effect on the date on which the alterations are submitted to the Society for approval.The optional vessels will be considered part of the same series of vessels if the option is exercised not later than 1 year after the contract to build the series was signed.
3. If a contract for construction is later amended to include additional vessels or additional options, the date of “contract for construction” for such vessels is the date on which the amendment to the contract, is signed between the prospective owner and the shipbuilder. The amendment to the contract is to be considered as a “new contract” to which 1. and 2. above apply.
4. If a contract for construction is amended to change the ship type, the date of “contract for construction” of this modified vessel, or vessels, is the date on which revised contract or new contract is signed between the Owner, or Owners, and the shipbuilder.

Note:

This Procedural Requirement applies from 1 July 2009.