

RULES FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

Part CS

**Hull Construction and Equipment of
Small Ships**

Rules for the Survey and Construction of Steel Ships
Part CS **2018 AMENDMENT NO.2**

Rule No.134 25 December 2018

Resolved by Technical Committee on 1 August 2018

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

“Rules for the survey and construction of steel ships” has been partly amended as follows:

Part CS HULL CONSTRUCTION AND EQUIPMENT OF SMALL SHIPS

Chapter 19 HATCHWAYS, MACHINERY SPACE OPENINGS AND OTHER DECK OPENINGS

19.2 Hatchways

19.2.11 Hatch Cover Supports, Stoppers and Supporting Structures

Table CS19.10 has been amended as follows.

Hatch cover supports, stoppers and supporting structures subject to the provisions of **19.2** are to comply with the following **(1)** to **(3)**:

((1) and (2) are omitted.)

(3) The details of hatch cover supporting structures are to be in accordance with the following **(a)** to **(g)**:

(a) The nominal surface pressure (N/mm^2) of a hatch cover supports is not to be greater than that obtained from the following formula:

$$p_{n \max} = dp_n \quad \text{in general}$$

$$p_{n \max} = 3p_n \quad \text{for metallic supporting surface not subjected to relative displacements}$$

d : As given by the following formula. Where d exceeds 3, d is to be taken as 3.

$$d = 3.75 - 0.015L_1$$

$$d_{\min} = 1.0 \quad \text{in general}$$

$$d_{\min} = 2.0 \quad \text{for partial loading conditions}$$

L_1 : Length of ship specified in **2.1.2, Part A** (m). However, L_1 need not be greater than 97% of the total length at the summer load waterline.

p_n : As obtained from **Table CS19.10**

Table CS19.10 Permissible nominal surface pressure p_n

Material	p_n when loaded by	
	Vertical force	Horizontal force (on stoppers)
Hull structure steel	25	40
Hardened steel	35	50
Plastic materials in steel Lower friction materials	50	-

EFFECTIVE DATE AND APPLICATION

1. The effective date of the amendments is 25 December 2018.