

Amendments to NR526

The following table specifies the Sections and/or Appendices which have been amended with respect to the August 2025 edition of Bureau Veritas NR526 *Rules for the Certification of Lifting Appliances onboard Ships and Offshore Units*.

Other editorial corrections are not described in this document.

Reference	Chapter	Section/Appendix
NR526 DT R04 August 2025	Chapter 2	App 4
	Chapter 4	Sec 4

CHAPTER 2

Ch 2, App 4, [2]

Replace sub-article [2.3] by:

2.3 Checking criteria

2.3.1 For plate panels subjected to compression and bending on one side, the critical buckling stress is to comply with the following formula:

$$\eta \sigma_{cr} \geq |\sigma_F|$$

where:

σ_{cr} : Critical buckling stress, in N/mm², defined in [2.2.1]

σ_F : Maximum compression stress, in N/mm², acting on side “b” of the plate panel.

In equivalence to the previous criteria on the critical buckling stress, the thickness, in mm, is to comply with the following formulae:

$$t = \frac{b}{\pi} \sqrt{\frac{12 |\sigma_F| (1-\nu^2)}{\eta E K_1 \epsilon}} 10^3 \quad \text{for } \sigma_F \leq \frac{R_e}{2}$$

$$t = \frac{b}{\pi} \sqrt{\frac{3 R_e^2 (1-\nu^2)}{E K_1 \epsilon \left(R_e - \frac{|\sigma_F|}{\eta} \right)}} 10^3 \quad \text{for } \sigma_F > \frac{R_e}{2}$$

CHAPTER 4

Ch 4, Sec 4, [3.1]

Replace requirement [3.1.4] by:

3.1.4 Safety factor for suspension elements

- The safety factor for wire ropes is to comply with Ch 2, Sec 5, [2], without being taken less than 4.
- The minimum safety factor for chains is to be $3\alpha_{CZ}$, without being taken less than 4.