

Main Changes NR529 Gas fuelled ships

The main changes in Bureau Veritas Rules for Gas fuelled ships January 2025 edition with respect to the previous edition (July 2024) are as follows.

Rules history

January 2025 edition entry into force on January 1, 2025 Contents	Previous edition: July 2024 entry into force on July 1, 2024 Contents
Gas fuelled ships <i>[NR 529 DT R07 E January 2025]</i>	Gas fuelled ships <i>[NR 529 DT R06 E July 2024]</i>

PART A-1 Specific requirements for ships using natural gas as fuel

Chapter 6 – Fuel containment system

Topic	Description	Reference
Strength criteria for Type B tanks	Strength criteria updated for fine mesh analysis and other design conditions	C6.4.15.2.3.1
Hull structures supporting membrane tanks	New requirements for the passage of longitudinals through primary supporting members	C6.4.15.4.5
Accidental design condition	Clarification of the loads and criteria to be applied for accidental design condition	C6.4.14.4.7

Chapter 9 – Fuel supply to consumers

Topic	Description	Reference
Gas fuel pumps and compressors	Implementation of IACS UR M46 Rev. 3 requiring to document that pumps and compressors can be operated under the specific ship motions and accelerations	C9.9.2

PART B-1

Chapter 16 – Manufacture, workmanship and testing

Topic	Description	Reference
Non-destructive testing	Implementation of IACS UR W35 Rev.1 giving requirements for the entity performing NDT on independent fuel tanks	C16.3.6.1

Annex and Appendixes

Appendix 2

Topic	Description	Reference
Vertical and antirolling supports	Clarification of the frictional coefficient to be considered for the assessment of the vertical supports	[4.2] and [4.3]