

# SC 284 Automatic shutdown of the inert gas system and its components parts

(June 2018)

**FSS Code Chapter 15.2.2.2.2 reads:**

*Automatic shutdown of the inert gas system and its components parts shall be arranged on predetermined limits being reached, taking into account the provisions of paragraphs 2.2.4, 2.3.2 and 2.4.2.*

## Interpretation

The automatic shut-down of the inert gas system and its components shall involve the following:

Shut-down of fans and closing of regulating valve for the following:

- High water level in scrubber (not applicable for N2)
- Low pressure/flow to scrubber (not applicable for N2)
- High-high temperature of inert gas supply

Closing of regulating valve in the event of:

- High oxygen content (in excess of 5% by volume)
- Failure of blowers/fans or N2 compressors

Activation of double-block and bleed arrangement upon (for ships with double block and bleed replacing water seal):

- Loss of inert gas supply
- Loss of power

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Note:

1. This UI is to be uniformly implemented by IACS Societies for ships contracted for construction on or after 1 July 2019.

2. The “contracted for construction” date means the date on which the contract to build the vessel is signed between the prospective owner and the shipbuilder. For further details regarding the date of “contract for construction”, refer to IACS Procedural Requirement (PR) No. 29.

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