

# SC 289 Separation arrangements between inert gas piping and cargo tanks

(Dec 2018)

## FSS Code Chapter 15.2.2.3.2.3:

*Each cargo tank not being inerted shall be capable of being separated from the inert gas main by:*

- .1 removing spool-pieces, valves or other pipe sections, and blanking the pipe ends; or*
- .2 arrangement of two spectacle flanges in series with provisions for detecting leakage into the pipe between the two spectacle flanges; or*
- .3 equivalent arrangements to the satisfaction of the Administration, providing at least the same level of protection.*

### Interpretation

The following is considered as an equivalent arrangement in accordance with the FSS Code 15.2.2.3.2.3.3:

1. Two shut off valves in series with an arrangement to vent the space between the valves in a safe manner; or
2. A shut-off valve and a spectacle flange with an arrangement to vent the space between the valve and the spectacle flange in a safe manner; or
3. The use of metallic flexible hoses is considered as equivalent to a spool piece referred to in FSS Code 15.2.2.3.2.3.1, but in both cases a valve on the inert gas main side and a valve or a blank flange on the cargo tank side are to be fitted.

Note: When one or more valves are fitted to comply with this interpretation to FSS Code 15.2.2.3.2.3.3, they may also be regarded as satisfying the requirement in FSS Code 15.2.2.3.2.2 provided at least one of the valves is provided with locking arrangements and the control system provides unambiguous information of the operational status of such valve to at least the control panel required in FSS Code 15.2.2.4.

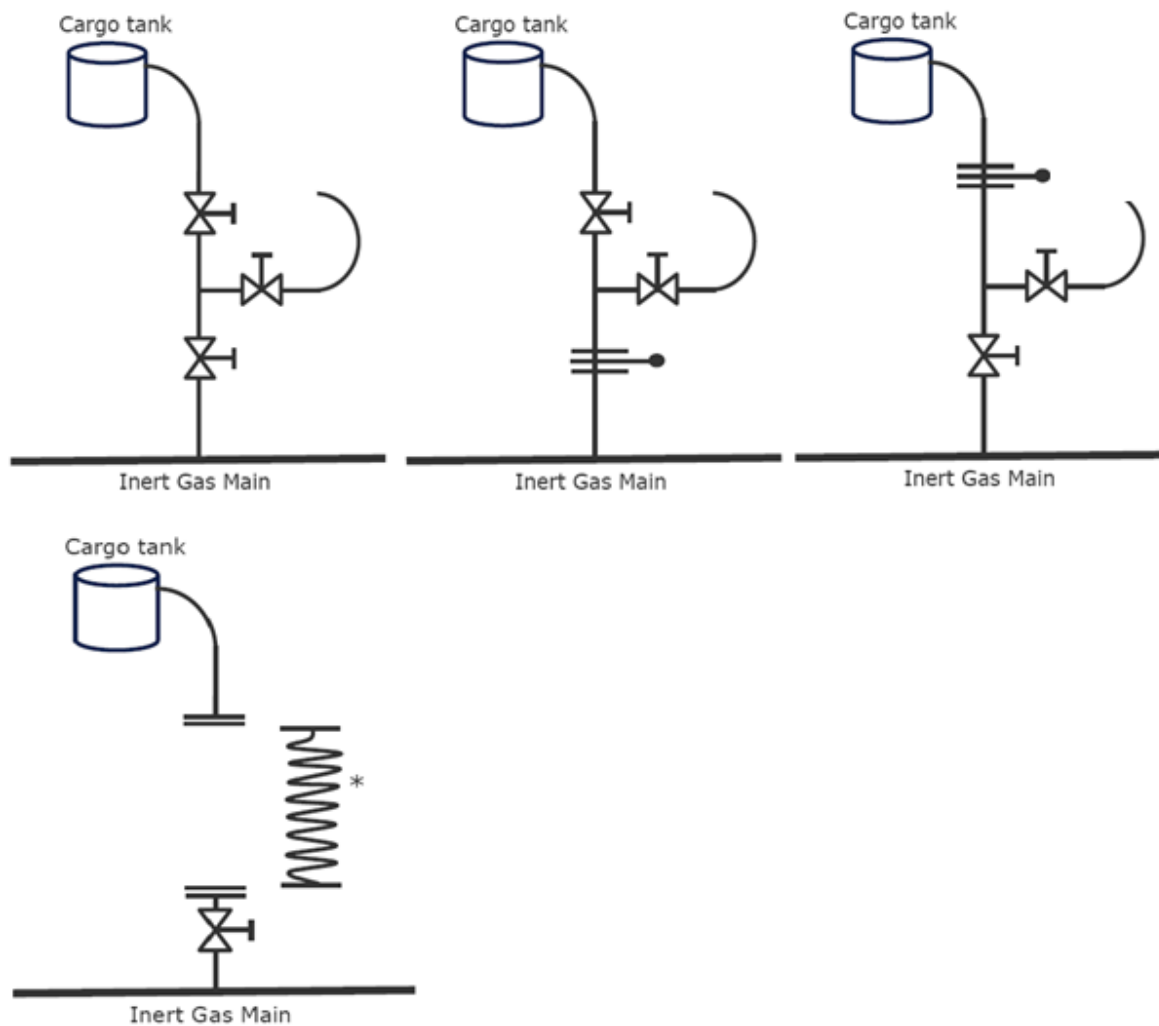
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Note:

1. This Unified Interpretation is to be uniformly implemented by IACS Societies on ships contracted for construction on or after 1 January 2020.
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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(cont)

**IACS - Acceptable arrangements as per FSS Code Ch.15.2.2.3.2.3.3**



**\*Metallic Flexible Hoses**

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