

Discharge Locations of Enriched Gas Generated from Nitrogen Generators

Amended Guidance

Guidance for the Survey and Construction of Steel Ships Part R

Reason for Amendment

The nitrogen generators of inert gas systems discharge oxygen-enriched air during the generating process, and the nitrogen-product enriched gas that is produced is transferred to N₂ receivers/buffer tanks until it is used.

IACS Unified Requirement (UR) F20 specifies requirements related to the construction and installation of such inert gas systems, and these requirements specify that the oxygen-enriched air and nitrogen-product enriched gas discharged from N₂ receivers be discharged to safe locations on open decks.

However, what is considered to be a “safe location” is not clearly specified in UR F20; therefore, IACS adopted the revised UR F20 (rev. 6) in May 2012, which clarifies what is meant by a “safe location”, taking into account current practices, etc.

Accordingly, relevant requirements have been amended in accordance with IACS UR F20 (rev. 6).

Outline of Amendment

To clarify the discharge locations of oxygen-enriched air discharged from nitrogen generators and the nitrogen-product enriched gas discharged from N₂ receivers/buffer tanks.