



TECHNICAL INFORMATION

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No : 2022-ETC-02

Date : 2022.05.27

Subject : Issuance of 'Guidelines for Selection of Metallic Materials of Containment System for Alternative Fuels for Ships'

The International Maritime Organization(IMO) adopted the Initial IMO GHG Strategy for reducing GHG emission from ships at the 72nd Marine Environment Protection Committee(MEPC) held in April 2018. As part of this Initial IMO GHG Strategy, the 76th MEPC meeting in June 2021 decided to introduce EEXI, a technical measure, and CII, an operational measure, as a short-term measure to achieve carbon intensity reduction targets. As a result, interest in various alternative fuels such as ammonia, biofuels, methanol, and hydrogen is increasing, and hydrogen is rarely used in ships, so a lot of technical understanding is needed.

To help customers understand the metal materials used in various alternative fuel containment system, including hydrogen, the Korean Register has published the Guideline for Selection of Metallic Materials of Containment System for Alternative Fuels for Ships, so please refer to this guideline.

Attachment: Guidelines for Selection of Metallic Materials of Containment System for Alternative Fuels for Ships

(Distributions : KR surveyors, Ship owners, Other relevant parties)

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