

Inserting heat transfer analysis for independent type A, B, C tank

Related Rules/Guidance	Effective date
Guidance of Heat Transfer Analysis for Ships Carrying Liquefied Gases in Bulk/Ship Using Liquefied Gases as Fuels	- ships contracted for construction on or after 1 July 2021

○ Reason for Amendments

1. Current guidance handles only membrane type tank.
2. Heat transfer analysis for independent type A, B, C tank is required.

○ Amendments

1. Analytical heat transfer analysis and FEM heat transfer analysis for independent type A, B, C tank is added.

○ Impact Analysis

- ✓ Indication of any impact on and/or contribution to safety, security or environmental protection
 - : Improved structural safety by choosing steel grade for independent type A, B, C tank through heat transfer analysis.
- ✓ Indication of any impact on net and gross scantlings
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