

Revision of requirements for high manganese austenitic steels

■ Summary of Major Amendments

| Related Rules/Guidance | Effective date |
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| Guidance of Pt. 2 Materials and Welding Guidance for MP & TA, Etc | – the date of application for certification of material & welding or ships contracted for construction on or after 1 July 2023 |

■ Major Amendments

○ Reason for Amendments

1. Reflecting the revision of IMO MSC.1/Circ.1599(Rev.2)
2. Reflecting IACS Rec.169 (Sep 2021 New)

○ Amendments

1. IMO MSC.1/Circ.1599 (Rev.2) was reflected in Annex 2-11 of Pt 2 of the Guidance to define suitable cargo and fuel.
2. IACS Rec.169 (Sep 2021 New) was reflected in Annex 2-11 of Part 2 of the Guidance, and the manufacturing process and grade were revised.
3. IACS Rec.169 (Sep 2021 New) was reflected in the Guidance for manufacturing process and type approval, etc., and new requirements for approval of manufacturing process for high manganese austenitic steels were established.
4. The requirements for ammonia compatibility corrosion test are stipulated by reflecting IMO MSC.1/Circ.1599(Rev.2) in the Guidance for manufacturing process and type approval, etc..

○ Impact Analysis

- ✓ Indication of any impact on and/or contribution to safety, security or environmental protection
: N/A
- ✓ Indication of any impact on net and gross scantlings
: N/A