

Revision of requirements for Test method of Brittle Crack Arrest Toughness

■ Summary of Major Amendments

Related Rules/Guidance	Effective date
Guidance Pt. 2 Materials and Welding	– the date of application for certification of material on or after 1 July 2024

■ Major Amendments

○ Reason for Amendments

1. To specify the approval scheme of small-scale test methods for brittle crack arrest steels
2. To update the Test Method for Brittle Crack Arrest Toughness(Kca) reflecting ISO 20064:2019.

○ Amendments

1. The requirements for Brittle Crack Arrest Toughness test method specified in Part 2, Chapter 1, 203. of the Guidance have been updated.
2. A small scale test method for Brittle Crack Arrest Steel has been established in Part 2, Chapter 1, 312. 2. of the Guidance, reflecting IACS UR W31(Rev.3 Mar 2023).

○ 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