

The requirements for gas turbine

Related Rules/Guidance	Effective date
Pt 5, Ch 2, Sec 4	- ships contracted for construction on or after 1 July 2021

○ Reason for Amendments

1. The requirements for gas turbine have not been revised for a long time and need to be reorganized. Accordingly, it has been completely revised to reflect the new technology.

○ Amendments

1. Add lists of safety devices, FEMA report and documentation of containment in plan and documents to be submitted.
2. Add the definitions of principal components, main propulsion gas turbine, gas turbine, gas generator and power turbine.
3. Add the requirements for containment.
4. Add new requirements for FMEA evaluation of safety devices for gas turbine reflecting IACS UR M60 2.1.
5. Alarms and shutdowns for power turbine inlet temperature are added and shutdown for automatic starting failure is added.
6. Specific requirements are presented with the arrangement of air inlet system.

○ Impact Analysis

- ✓ Indication of any impact on and/or contribution to safety, security or environmental protection
 - : Contributing to improving the safety of gas turbines by establishing the requirements for containment and the requirements for FMEA evaluation of safety devices
- ✓ Indication of any impact on net and gross scantlings
 - : N/A