

Test and inspection of engine components

■ Summary of Major Amendments

Related Rules/Guidance	Effective date
Pt 5 Machinery Installation	1 Jan. 2020 (Date of application for approval)

■ Major Amendments

○ Reason for Amendments

Reflecting amendments of IACS UR M72(Rev.2), difficulties in application and the requests from industries.

○ Amendments

Ch 2, 211. Table 5.2.4 has been amended.

- Cylinder blocks: The applicability of the testing requirements was amended to align with the requirements for engine blocks.
- Piston rod, Cross head: It is potentially confusing that the current requirement appears to mandate two stages of CD.
- The requirements for mechanical and chemical testing for “high pressure fuel injection pump body” were introduced.
- The note is newly introduced which the manufacturer approval in material tests for high pressure fuel oil system and servo oil system and, dimensional inspection for bearings can be omitted.
- Added note to allow cooler to comply with KS or international standards if it is a Class 3 pressure vessels.

○ 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