

New requirements for flexible couplings

■ Summary of Major Amendments

Related Rules/Guidance	Effective date
Rules/Guidance Pt 5, Ch 3, 406. and 407. Guidance for Approval of Manufacturing Process and Type Approval, etc. Ch 3, Sec 15, Table 3.15.1	1 Jul. 2019 (Date of which contracts for construction are signed or application for certification)

■ Major Amendments

○ Reason for Amendments

There is a lack of the requirements for flexible couplings and needs to be strengthened. Currently there is a general statement “to have sufficient strength against the torque to be transmitted to the shaft” related to the design and some requirements for type approval.

○ Amendments

- Certificate related Table 5.3.8 has been newly added.
- Added torque test requirements.
- Added adhesion test requirements.
- Added requirements for permissible nominal torque, maximum torque, maximum torque range, vibration torque, number of revolution and power loss.
- The requirements for type approval have been revised.

○ Impact Analysis

- ✓ Indication of any impact on and/or contribution to safety, security or environmental protection
- : By adding the design, test, and type approval requirements for flexible couplings, it is contributed to prevent damage to the flexible couplings.

- ✓ Indication of any impact on net and gross scantlings
: N.A