

FPSO

Amended Rules and Guidance

Rules for the Survey and Construction of Steel Ships Part PS

Guidance for the Survey and Construction of Steel Ships Part PS

Rules for the Survey and Construction of Steel Ships Part A and Part B

Guidance for the Survey and Construction of Steel Ships Part A and Part P

Reason for Amendment

In 2002, NK established Appendix P2 “FPSO Guidelines” of the “Guidance for the Survey and Construction of Steel Ships Part P” for floating offshore facilities which fitted with on-board systems for the production, storage and offloading of crude oil/petroleum gases drawn up from the seabed (hereinafter referred to as “FPSO”). Appendix P2 was added because it was anticipated that the number of FPSOs in service would only continue to increase due to the following advantages that FPSOs offered in comparison to fixed offshore crude oil and gas production and storage facilities:

- (1) FPSOs were easily able to accommodate deep water sea areas.
- (2) FPSOs basically had no need for pipeline construction.
- (3) The construction time required for a FPSO was short.

In 2002, there were about 80 FPSO units in service. By the end of 2008, that number had doubled and there were 160 FPSO units in service. Given the current energy situation, the number of FPSO units is expected to continue to increase. In addition, since 2002, numerous technical advances related to the design, construction, and installation of FPSO have been made and standardized. Taking all of the above circumstances as well as requests from industry into account, NK has decided to reorganize its Rules and requirements related to FPSOs. Appendix P2 of the Guidance for Part P of the Rules has been removed and a new Part of the Rules for specifically dealing with FPSOs has been added.

Accordingly, the technical requirements of “FPSO Guidelines” have been updated and Part PS of the Rules has been added.

Outline of Amendment

- (1) Part PS of the Rules has been added. Part PS will deal with the design, hull construction, machinery, electrical installations, positioning systems, production systems, etc. of FPSOs.
- (2) Requirements regarding the affixation of notation to the classification characters of ships which comply with the provisions given in Part PS of the Rules have been added to Part A of the Rules.
- (3) Requirements for the class surveys of ships complying with the provisions given in Part PS of the Rules have been added to the Rules as Chapter 14, Part B.
- (4) Requirements for systems not installed on FPSOs such as periphery facilities for positioning and seabed systems have been added to relevant Guidances for the Rules.