

Classification of Hazardous Areas on Mobile Offshore Drilling Units

Amended Rules

Rules for the Survey and Construction of Steel Ships Part P

Reason for Amendment

IACS Unified Requirement (UR) D8 specifies requirements for mobile offshore drilling units related to the classification of hazardous areas and ventilation systems as well as doors and ventilation systems directly leading to hazardous areas. These requirements have already been incorporated into the NK Rules.

In February 2021, IACS adopted UR D8(Rev.3) to align the UR with the IMO Code for the Construction and Equipment of Mobile Offshore Drilling Units (hereinafter referred to as the “2009 MODU Code”).

Accordingly, relevant requirements are amended based on IACS UR D8(Rev.3).

Outline of Amendment

Aligns requirements related to the classification of hazardous areas on mobile offshore drilling units with IACS UR D8(Rev.3) and 2009 MODU Code.

“Rules for the survey and construction of steel ships” has been partly amended as follows:

Part P MOBILE OFFSHORE DRILLING UNITS AND SPECIAL PURPOSE BARGES

Chapter 1 GENERAL

1.2 Definitions

1.2.16 Hazardous Areas

Sub-paragraph -2 has been amended as follows.

2 Hazardous areas of mobile offshore drilling units are all those areas where, due to the possible presence of a flammable atmosphere arising from the drilling operations, the use of machinery or electrical equipment without proper consideration may lead to fire hazard or explosion. In addition, the hazardous areas are subdivided into Zones 0, 1 and 2, the definitions of each category being as follows:

- (1) Zone 0 is an area in which ~~an explosive gas-air mixture is ignitable~~ concentrations of flammable gases or vapours are continuously present or present for long periods.
- (2) Zone 1 is an area in which ~~an explosive gas-air mixture is ignitable~~ concentrations of flammable gases or vapours are likely to occur in normal ~~operating conditions~~ operation.
- (3) Zone 2 is an area in which ~~an explosive gas-air mixture is ignitable~~ concentrations of flammable gases or vapours are not likely to occur, ~~and~~ or in which such a mixture, if it does occur, # will only exist for a short time.