

Amendment of 2009 MODU Code

Amended Rules and Guidance

Rules for the Survey and Construction of Steel Ships Parts B and P
Rules for Safety Equipment
Rules for Radio Installations
Rules for Cargo Handling Appliances
Guidance for the Survey and Construction of Steel Ships Parts B and P
Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use

Reason for Amendment

In response to the April 2010 “Deepwater Horizon” oil drilling facility incident in the Gulf of Mexico and the subsequent investigations into the causes of the accident, the IMO reviewed the 2009 MODU Code to determine whether new safety measures for such structures were needed.

As a result of the IMO review, the IMO Maritime Safety Committee (MSC 98) adopted an amendment of the code as Resolution MSC.435(98) at its 98th Session held in June 2017. This amendment enhanced requirements related to safety systems, life-saving appliances and equipment, electric installations, and dynamic positioning systems, etc. so that they are better corresponded to large-scale fires like hydrocarbon fires which are comparatively greater in scale than fires typically occurring on cargo ships.

Accordingly, relevant requirements were amended in accordance with the latest version of the 2009 MODU Code.

Outline of Amendment

The main contents of this amendment are as follows:

- (1) Amended requirements related to documents for the operations of units which need to be submitted before the work is commenced so that they are not reference documents but rather approval documents.
- (2) Amended the definition of “hazardous area” for mobile offshore units. In addition, specified that the requirements related to the portable and transportable electrical equipment or spark-producing equipment in the area.
- (3) Defined the “*H*” class divisions which require fire testing in cases where hydrocarbon fires are expected, and specified that “*H-60*” class divisions are required for the boundaries of certain designated areas.
- (4) Specified that shut-down of equipment essential to the operability of the dynamic positioning systems is to be carried out so as to maintain operational control over the integrity of the well and station keeping capability.
- (5) Amended the specifications for fixed fire extinguishing systems for drill floors.
- (6) Specified that the procedures for entry into enclosed spaces are to be provided on board.
- (7) Specified that the master is to be designated as the person in charge at all times if the unit is assigned with a master.
- (8) Specified that a man overboard drill is to be conducted at least quarterly. In addition, specified the requirements related to drills for davit-launched liferafts and markings for dedicated training liferafts.
- (9) Specified requirements related to drills for enclosed space entry and rescue.
- (10) Specified guidance for the approval and type approval of “*H*” class divisions.

Amended Requirements

Rules for the Survey and Construction of Steel Ships

Part B: 12.2.2

Part P: 1.2.16, 1.2.35, 1.2.36, 11.2.3, 14.2.2, 14.2.3, 15.2.6, 18.1.1, 18.2.11, 18.2.14, 18.2.15, 18.2.16, 18.2.17, 18.3

Rules for Safety Equipment Part 1 1.1.1

Rules for Radio Installations 1.1.1

Rules for Cargo Handling Appliances 1.1.1

Guidance for the Survey and Construction of Steel Ships

Part B: B12.2.2

Part P: P1.2.35, P14.2.2, P18.1, P18.2.14, P18.2.15, P18.2.16, P18.3

Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use

Part 4: 1.1.1, 1.2.14, 1.3.13, 1.4.3, 1.10.2, 1.13.9