

Vessels Engaged in Towing Operations, Offshore Supply Vessels, Anchor Handling Vessels and Oil Recovery Vessels

Amended Rules and Guidance

Rules for the Survey and Construction of Steel Ships Part O
Guidance for the Survey and Construction of Steel Ships Part O

Reason for Amendment

Part O of the ClassNK Rules specifies requirements for work ships such as vessels engaged in towing operations, offshore supply vessels, anchor handling vessels and oil recovery vessels. Many of the specifications and design limit details of such ships are determined per shipowner request based upon the anticipated uses of the ships in question. Therefore, the intent of certain requirements in the Rules is that they be based upon general knowledge or common sense so as to allow flexibility in application and take into account the particular specifications and design limit details for each individual work ship.

Interest in floating facilities such as offshore structures and floating production, storage and offloading (FPSO) systems, however, has been increasing recent years. This in turn is expected to lead to a corresponding increase in the demand for work-ships engaged in the installation work of such floating facilities, etc. Therefore, it has become necessary from the viewpoint of ship safety to provide further clarification to some of the requirements based upon general knowledge and common sense, particularly those related to structure safety and fire prevention measures.

Accordingly, relevant requirements were amended to specify detailed requirements related to ship safety.

Outline of Amendment

- (1) Specified that a means is to be provided for the emergency disconnection of cargo hoses whose specified maximum working pressure exceeds 5 MPa in cases where such hoses are used on offshore supply vessels.
- (2) Specified that the exhaust outlets of internal combustion engines used on offshore supply vessels and oil recovery vessels are to be fitted with spark-arresting devices.
- (3) Specified the design loads for anchor handling equipment and its supporting structures.
- (4) Specified the allowable stress values for supporting structures of towing equipment and anchor handling equipment.
- (5) Added requirements related to the control stations, winch brakes and power supplies of anchor handling vessels.
- (6) Added requirements related to the piping systems of oil recovery vessels.