

# **Amendments to the Guidelines for the Application of Plastic Pipes on Ships**

## **Amended Guidance**

Guidance for the Survey and Construction of Steel Ships Part D

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

## **Reason for Amendment**

“Guidelines for the Application of Plastic Pipes on Ships” (IMO Res. A.753(18)) stipulates the requirements for the approval of plastic pipes used on ships. Further, the amendments to this guideline was adopted as IMO Res. MSC.313(88) at MSC88 held in November 2010. This guideline as amended has been incorporated to the ClassNK Rules and the approval of plastic pipes used on ships is carried out in accordance with the rules.

The IMO conducted further review on the guideline. As a result, IMO Res. MSC.399(95) was adopted at MSC95 held in June 2015 to incorporate such amendments as to add the test criteria for smoke generation and toxicity to those of the 2010 FTP Code and to amend the test method for fire spread of plastic pipes.

Accordingly, relevant requirements were amended in accordance with IMO Res. MSC.399(95).

## **Outline of Amendment**

- (1) Specified that test for smoke generation and toxicity is to be conducted for plastic pipes within accommodation, service and control spaces.
- (2) Specified the mark to be given to plastic pipes approved by the Society and complying with the requirements for smoke generation and toxicity.
- (3) Amended the test method for fire spread of plastic pipes.
- (4) Amended the international conventions in line with the amendments to the related instruments.