

# **Alarms, etc. of Drip Trays Provided for Exhaust Gas Cleaning Systems**

## **Amended Guidance**

Guidance for the Survey and Construction of Steel Ships Part D

## **Reason for Amendment**

The ClassNK Rules require ships with exhaust gas cleaning systems (EGCS) that use liquids containing sodium hydroxide solutions be provided with drip trays to contain any leakage from equipment which either uses or handles such liquids, such as storage tanks and pumps.

Furthermore, such drip trays are to either themselves be fitted with alarms for leak detection or be fitted with drain pipes leading to tanks fitted with high-level alarms.

The above-mentioned requirements have also been correspondingly applied to the EGCS which do not use chemicals such as sodium hydroxide; however, since the difference in the risk of liquid that might leak was not evaluated properly, there was an inconsistency in the treatment of the alarm devices, etc. fitted in the drip trays provided for equipment handling other fluids such as urea solutions.

Accordingly, relevant requirements were amended to ensure consistency in the treatment of alarm devices, etc. provided for drip trays.

## **Outline of Amendment**

The scope of requirements related to the provision of alarms, etc. for the drip trays provided for EGCS related equipment was amended to so that such requirements are only applicable to the drip trays of equipment handling liquids containing sodium hydroxide solutions.

## **Amended Requirements**

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Part D: Annex D1.3.1-5(2) 1.1.1