

Correspondence to the Corrosion of Piping Systems for Discharge Lines of Exhaust Gas Cleaning Systems

Amended Rules

Rules for the Survey and Construction of Steel Ships Parts B, and D

Reason for Amendment

On 1 January 2020, the upper limit of the sulphur content of fuel oil specified in regulation 14 of Annex VI of the MARPOL Convention was changed from 3.5% to 0.5%. In response, the number of ships fitted with Exhaust Gas Cleaning Systems (EGCS) has increased.

Recently, some cases in which the piping systems for discharge lines were damaged due to the corrosion of distance pieces fitted onto hull constructions have been confirmed, and the damage in these cases was severe to cause the flooding of the engine room. To solve this matter promptly, ClassNK conducted damage investigations, etc., and was able to confirm the tendency of such damage to occur not too long after the fitting an EGCS. In addition to these damage investigations relevant requirements were reviewed so as to give consideration to preventative measures against such damage.

Accordingly, relevant requirements were amended based upon results of the above-mentioned review.

Outline of Amendment

Amended requirements related to washwater which has been used in scrubber chambers.

Amended Requirements

Rules for the Survey and Construction of Steel Ships

Part B: 3.3.5, Table B6.1

Part D: 22.4.1