

Welding Procedure and Related Specifications for Duplex Stainless Steels

Amended Rules and Guidance

Rules for the Survey and Construction of Steel Ships Part M

Guidance for the Survey and Construction of Steel Ships Part M

Reason for Amendment

In January 2014, ClassNK published its “Guidelines on Welding of Duplex Stainless Steels”: a comprehensive summary of the Society’s requirements related to welding procedure specifications and welding procedure qualification tests for duplex stainless steels. This guideline has been applied to the application for approval of welding procedure for the steels since its establishment.

With respect to duplex stainless steels, a sufficient amount of operational result related to the application of the aforementioned guideline has been accumulated, and it is assumed that its use on ships will continue to increase. Therefore, the Society has decided to incorporate this guideline into Part M of the Rules and Guidance for the Survey and Construction of Steel Ships as mandatory requirements.

Accordingly, relevant requirements were amended based upon the “Guidelines on Welding of Duplex Stainless Steels”

Outline of Amendment

Specified requirements related to welding procedure and related specifications for duplex stainless steels.

Amended Requirements

Rules for the Survey and Construction of Steel Ships

Part M: Table M4.4, 4.2.3, Fig. M4.1, 4.2.11, 4.2.12, Fig. M4.6, 4.3.9, 4.3.10, Fig. M4.8, 4.4.8, 4.4.9, Fig. M4.10, 4.5.9, 4.5.10

Guidance for the Survey and Construction of Steel Ships

Part M: M4.1.4