

Welding Procedures and Related Specifications

Amended Guidance

Guidance for the Survey and Construction of Steel Ships Part M

Reason for Amendment

4.1.4, Part M of Guidance for the Survey and Construction of Steel Ships specifies requirements related to the ranges of approval for welding procedures and related specifications corresponding to the welding conditions during tests for rolled steels for hulls, high-strength quenched and tempered rolled steel plates for structures, rolled stainless steels and aluminium alloys. These requirements stipulate the specific application of such tests even when the welding conditions (e.g., type of welded joint, thickness, leg length of fillet welding, strength level and grade of base metal, kind of welding consumable used, and welding position, etc.) for approval are different from the actual welding conditions used during the test. This is done so that the welding conditions for approval can be included within the range of approval provided that the relevant welding condition is regarded as equivalent to or easier than the test condition.

However, since such a specific application was not specified for rolled steels for low temperature services, relevant requirements in Part M of the Guidance were amended in order to clarify the ranges of approval for welding procedures and related specifications for such steels.

Outline of Amendment

Specified ranges of approval corresponding to the welding conditions for the approval tests of welding procedures and related specifications with respect to rolled steels for low temperature service.