

Testing Environment for Chemical Composition Analysis and Testing Machines for Mechanical Testing

Amended Rules

Rules for the Survey and Construction of Steel Ships Part M

Reason for Amendment

Part M of the Rules requires mechanical testing of welded joints and welding consumables for approval of welding procedure and related specifications. For welding consumables for stainless steel and aluminium alloys, chemical composition analysis of deposited metals and welded joints is required to be carried out in addition to tests including mechanical testing.

However, specific requirements for testing environments for chemical composition analysis and testing machines for mechanical testing were not specified in Part M of the Rules. Accordingly, related requirements were amended referring to the requirements specified in Part K of the Rules for approval of materials.

Outline of Amendment

- (1) Specified requirements for testing environment for chemical composition analysis.
- (2) Specified the testing machines used for the mechanical testing of welded joints and welding consumables to be those which have the effective certificates issued by the Society or other organization recognized by the Society in accordance with the “Rules for Testing Machines” or other standards deemed appropriate by the Society.

Amended Requirements

Rules for the Survey and Construction of Steel Ships
Part M: 1.2.1