

The Measurement of the Thickness of Rolled Steels

Amended Rules and Guidance

Rules for the Survey and Construction of Steel Ships Part K

Guidance for the Survey and Construction of Steel Ships Part K

Reason for Amendment

Requirements related to the surface inspection and the dimension verification of rolled steels used for hulls and the high strength quenched and tempered rolled steel plates used for structures are specified in 3.1.8 and 3.8.8, Part K of the Rules. These provisions include a minus tolerance for the thickness of rolled steels as well as a method for measuring such thickness; they also specify that the average thickness of rolled steels is not to be less than nominal thickness on the basis of IACS Unified Requirement W13. However, these requirements were not clear as to whether thickness measurements were required for steel rolled directly from slabs or ingots, or for the products cut from steel after it had been rolled. Therefore, in order to clarify the above, the relevant requirements have been amended accordingly.

In addition, 3.1.8-3, Part K of the Rules specifies that the procedure and the records of measurements are to be made available to the Surveyor and copies provided upon request. However, in cases where rolled steels comply with the requirements for Class C in *ISO 7452*, the procedure and the records of measurements do not have to be made available and copies need not be provided. Accordingly, relevant provisions have been amended in order to clarify the above.

Outline of Amendment

- (1) Requirements stating that thickness measurements may be conducted for steel plates rolled directly from steel slabs or steel ingots have been specified.
- (2) Requirements stating that, in cases where rolled steels comply with the requirements for Class C in *ISO 7452*, the procedure and the records of measurements do not have to be made available and copies need not be provided have been specified.