

Heat Treatment Definitions, Surface Quality and Repair of Defects for 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

IACS Unified Requirement (UR) W11 (Rev.8) recommends that non-mandatory requirements related to surface quality and repair of defects of rolled steel found in IACS Recommendation No.12 (Rec.12) be correspondingly applied whenever possible, and some of these requirements have already been incorporated into NK Rules.

Since the aforementioned requirements are non-mandatory, common practice regarding their application varies among classification societies. Therefore, IACS conducted a review of UR W11 (Rev.8) and decided to formally incorporate the requirements found in Rec.12 as well as ones found in standards such as the European Norms, etc. into UR W11 in order to ensure the uniform application of it among classification societies.

In addition, IACS also amended requirements related to the heat treatment definitions so as to define such treatments according to actual manufacturing processes. These amendments as well as those mentioned above were adopted by IACS as UR W11 (Rev.9) in May 2017.

Accordingly, all relevant requirements were amended based upon Unified Requirement W11 (Rev.9).

Outline of Amendment

- (1) Amended requirements related to the surface quality and repair of defects for rolled steels.
- (2) Amended requirements related to the heat treatment definitions for rolled steels.

Amended Requirements

Rules for the Survey and Construction of Steel Ships

Part K: 3.1.8, 3.1.9, 3.8.8

Guidance for the Survey and Construction of Steel Ships

Part K: K3.1.4, Fig. K3.1.4-2., K3.1.8, K3.1.9