

# **The Chemical Composition of Rolled Stainless Steel**

## **Amended Rules**

Rules for the Survey and Construction of Steel Ships Part K

## **Reason for Amendment**

Table K3.18 in Part K of the Rule specifies that the nickel content of KSUS316L is 12.00 to 15.00%. On the other hand, ASTM specifies that the nickel content of SUS316L is 10.00 to 14.00%.

The corrosion resistance of stainless steel is affected not by nickel but molybdenum and chromium, and a nickel content of 10% or more is sufficient for austenite structure formation.

Accordingly, the nickel content of KSUS316L has been amended in accordance with ASTM standards.

## **Outline of Amendment**

To amend the nickel content of KSUS316L from “12.00-15.00%” to “10.00-14.00%”