

Symbol used for Brinell Hardness

Amended Rules

Rules for the Survey and Construction of Steel Ships Part K

Reason for Amendment

The symbol “HB” has been used to indicate “Brinell Hardness” in Part K of the Rules for the Survey and Construction of Steel Ships.

On the other hand, Japanese Industrial Standards (JIS) have in the past used different symbols depending upon the type of indenter used during the hardness measurements. For example, the JIS used “HBS” in case a steel indenter is applied, “HBW” in case a superalloy indenter is applied, and “HB” in case any type of indenter is applied.

The ISO has, in attempt to encourage the use of superalloy indenters, been using “HBW” as the common symbol for Brinell Hardness. In 1998, the relevant JIS has been amended to eliminate any inconsistencies with the ISO and now use only “HBW” as the symbol for Brinell Hardness.

Accordingly, relevant requirements were amended in accordance with the JIS regarding the symbol used for Brinell Hardness.

Outline of Amendment

“HB” which used for symbol of Brinell hardness were amended to “HBW”.