

Description of subject product

The product: Carbon steel plate, including, without limitation, flat-rolled products of iron or non-alloy steel, hot-rolled, or certain other alloy steel, not in coils, not clad, plated or coated, of a thickness of 6mm or more.

1. Steel products included in the scope of these investigations are products in which:

- (1) iron predominates, by weight, over each of the other contained elements ;
- (2) the carbon content is 2 percent or less, by weight; and
- (3) none of the elements listed below exceeds the quantity, by weight, respectively indicated: 2.50 percent of manganese, or 3.30 percent of silicon, or 1.50 percent of copper, or 1.50 percent of aluminum, or 1.25 percent of chromium, or 0.30 percent of cobalt, or 0.40 percent of lead, or 2.00 percent of nickel, or 0.30 percent of tungsten (also called wolfram), or 0.80 percent of molybdenum, or 0.10 percent of niobium (also called columbium), or 0.30 percent of vanadium, or 0.30 percent of zirconium

2. Unless specifically excluded, products are included in this scope regardless of levels of boron and titanium. The following products are outside of, and/or specifically excluded from, the scope of this investigation :

- (1) NK Grades KL24B and KL27 with minus 50 degrees Celsius Charpy V-notch Impact Test for Shipbuilding Steel ;
- (2) ABS Grades AH32, DH32, AH36, DH36, AH40, DH40, AH47 and DH47 with a thickness exceeding 75mm for the grade of Higher-Strength Hull Structural Steel;
- (3) ABS Grades EH32, EH36, EH40 and EH47 for the grade of Higher-Strength Hull Structural Steel
 - a. With a thickness exceeding 75mm, or
 - b. With a width of 1,800mm or less, and with a unit weight exceeding 18 metric tons per piece, or
 - c. With a width exceeding 1,800mm, and with a unit weight exceeding 12 metric tons per piece ;
- (4) ABS Grades A, B, D, E with a thickness exceeding 50.8mm for Ordinary-Strength Hull Structural Steel ;
- (5) Shipbuilding steel plates of a width exceeding 3,800mm and length measuring not less than width, or of unit weight exceeding 12.5 metric tons per piece, both of which as certified by national Classification Societies such as ABS and NK,

(6) ASTM

- a. A36 with a thickness exceeding 150mm ;
- b. A516 Gr.60 and Gr.70 with a thickness of 85mm or more ;
- c. A537 Class2 ;
- d. A572 Gr.50 and A709 Gr.50 (customization) with a thickness exceeding 127mm ;
- e. A841 with a thickness of 64mm or more ;

(7) JIS

- a. SS400 with a thickness exceeding 180mm ;
- b. G4053 SCM440 with a thickness exceeding 125mm ;
- c. S43C~S55C (content of carbon 0.4%~0.58%) with a thickness exceeding 125mm ;
- d. SB450、SB450(M)、SB480 and SB480(M) with a thickness exceeding 51mm ;
- e. SM490A with a thickness of 125mm or more ;
- f. SM490YB with a thickness exceeding 127mm ;
- g. SM570 with a thickness exceeding 125mm ;
- h. SPV490Q ;

(8) EN

- a. S355J2+N and S460N with a thickness exceeding 127mm ;
- b. S355J0, S355J0-Z15, S355J0-Z25, S355J0-Z35, S355J2, S355J2-Z15, S355J2-Z25, S355J2-Z35, S355JR, S355JR-Z15, S355JR-Z25, S355JR-Z35, S355K2, S355K2-Z15, S355K2-Z25, S355K2-Z35, S355ML, S355ML-Z15, S355ML-Z25, S355ML-Z35, S420ML, S420ML-Z15, S420ML-Z25 and S420ML-Z35
 - (a) With a thickness exceeding 100mm, or
 - (b) With a width of 1,800mm or less, and with a unit weight exceeding 18 metric tons per piece, or
 - (c) With a width exceeding 1,800mm, and with a unit weight exceeding 12.5 metric tons per piece ;

c. S355NL, S355NL-Z15, S355NL-Z25, S355NL-Z35,
S420NL, S420NL-Z15, S420NL-Z25, S420NL-Z35,
S460NL, S460NL-Z15, S460NL-Z25 and S460NL-Z35

(a) With a thickness exceeding 80mm, or

(b) With a width of 1,800mm or less, and with a unit weight exceeding 18 metric tons per piece, or

(c) With a width exceeding 1,800mm, and with a unit weight exceeding 12.5 metric tons per piece ;

d. S460ML, S460ML-Z15, S460ML-Z25 and S460ML-Z35

(a) With a thickness exceeding 115mm, or

(b) With a width of 1,800mm or less, and with a unit weight exceeding 18 metric tons per piece, or

(c) With a width exceeding 1,800mm, and with a unit weight exceeding 12.5 metric tons per piece ;

(9) SX105V GO5 ;

(10) PZ30H(P20) with a thickness of 90mm or more ;

(11) Steel plates attached with test certificates, with a minimum tensile strength of 570Mpa or more, and with a thickness exceeding 125mm ;

(12) Steel plates attached with test certificates, with a thickness of 185mm or more.