



**The Committee on Safeguard Measures Notification
on the Definitive Safeguard Measures Against Increased Imports of
Hot Rolled Steel Flat Products with Certain Amounts of Alloying Elements
Such as Boron, Chromium, etc., in Coils and Not in Coils
B.E. 2556 (2013)**

Whereas the Committee on Safeguard Measures (hereinafter referred to as the “Committee”) had issued the Notification on the Imposition of Provisional Safeguard Measures Against Increased Imports of Hot Rolled Steel Flat Products with Certain Amounts of Alloying Elements such as Boron, Chromium, etc., in Coils and Not in Coils B.E.2556 (2013) (hereinafter referred to as the “Committee Notification”) dated 22 February 2013, as amended by the Committee Notification (No. 2) B.E. 2556 (2013) dated 31 May 2013 and the Committee Notification (No.3) dated 18 July 2556 imposing an *ad valorem* provisional safeguard duty at the rate of 33.11 per cent of C.I.F. price on imports of hot rolled steel flat products with certain amounts of alloying elements such as boron, chromium, etc., in coils and not in coils (hereinafter referred to as the “products concerned”) with the exemption of importers imported the products concerned into Thailand under the conditions as specified in Annex I, Annex II and Annex III to the said Committee Notification from the imposition of provisional safeguard measures;

Now, the Committee reached a final determination on 12 September 2013 that there has been a significant surge in imports of the products concerned and increased imports have caused or are threatening to cause serious injury to the domestic industry that is a significant overall impairment in the position of the domestic industry. As a consequence, the Committee reached a resolution to impose definitive safeguard duties on such imports of the products concerned.

In exercise of the powers conferred by Section 6 (1), Section 26, Section 27, Section 28, Section 32, Section 33 and Section 34 of the Thai Safeguard Measures on Increased Imports Act B.E. 2550 (2007), containing certain provisions as to the restriction of

the rights and liberties of individuals as recognized by Section 29 and Section 43 of the Constitution of the Kingdom of Thailand which authorizes such restriction by virtue of the provisions of law, the Committee hereby issues the Notification as follows:

1. This Notification shall be called "*The Committee on Safeguard Measures Notification on the Definitive Safeguard Measures Against Increased Imports of Hot Rolled Steel Flat Products with Certain Amounts of Alloying Elements such as Boron, Chromium, etc., in Coils and Not in Coils B.E. 2556 (2013)*".

2. This Notification shall enter into force from 15 September 2013 to 26 February 2016.

3. The safeguard duties shall be imposed on imports of the products concerned of a thickness of 0.9 – 50.0 mm. and a width of 100 – 3,048 mm., classifiable under the Thai Customs Tariff Code at subheadings: 7225.30.90.011, 7225.30.90.012, 7225.30.90.013, 7225.30.90.014, 7225.30.90.021, 7225.30.90.022, 7225.30.90.023, 7225.30.90.024, 7225.30.90.090, 7225.40.90.011, 7225.40.90.012, 7225.40.90.013, 7225.40.90.014, 7225.40.90.021, 7225.40.90.022, 7225.40.90.023, 7225.40.90.024, 7225.40.90.090, 7226.91.10.011, 7226.91.10.012, 7226.91.10.013, 7226.91.10.014, 7226.91.10.021, 7226.91.10.022, 7226.91.10.023, 7226.91.10.024, 7226.91.10.090, 7226.91.90.011, 7226.91.90.012, 7226.91.90.013, 7226.91.90.014, 7226.91.90.021, 7226.91.90.022, 7226.91.90.023, 7226.91.90.024, 7226.91.90.090 at the *ad valorem* rates specified hereunder as follows:

(1) 44.20 per cent of C.I.F. price for importation of the products concerned from 15 September 2013 to 26 February 2014;

(2) 43.57 per cent of C.I.F. price for importation of the products concerned from 27 February 2014 to 26 February 2015;

(3) 42.95 per cent of C.I.F. price for importation of the products concerned from 27 February 2015 to 26 February 2016.

4. The safeguard duties determined in No. 3 shall not be applied to imports of the products concerned originating in or exported from certain developing countries as specified in Annex I to this Notification.

5. Importers of the products concerned as specified in Annex II to this Notification shall be exempted from the imposition of safeguard duties in case of the followings:

- (1) Importation for cold rolling process;
- (2) Importation for the automobile industry;
- (3) Importation for hardening process;
- (4) Importation of special grade steels

Regarding imports of the products concerned under (3) and (4) as abovementioned, the exemption of imposition of safeguard duties shall be restricted to the specific types of the products concerned falling within the standards and grades as specified in Annex III to this Notification.

6. The importation of certain products concerned that are offered as “imports for export, i.e., the imported products that are intended to be manufactured, further processed or incorporated into a finished product that will be exported from the Kingdom of Thailand, shall be exempted from the imposition of safeguard duties in case of the followings:

- (a) Entrepreneurs and business operators importing the products concerned into the Kingdom of Thailand and taking them into Export Processing Zone for production or for trade offering of export products under the Industrial Estate Authority of Thailand Act; or,
- (b) Promoted investors by the Board of Investment (BOI) importing the products concerned for manufacturing export products under the Investment Promotion Act; or,
- (c) Importers of the products concerned for manufacturing export products under the Customs Act.

Regarding the exemption of imposition of safeguard duties, the criteria, procedures and conditions to be granted an exemption of import taxes/duties for exports: stipulating in the laws as mentioned above, shall be applied mutatis mutandis on a case-by-case basis.

This Notification is made on 12 September B.E.2556 (A.D. 2013)

(SIGNED)

(Mr. Niwatthamrong Boonsongpaisan)

Minister of Commerce

Chairman of the Committee on Safeguard Measures of Thailand

**Annex I to the Committee on Safeguard Measures Notification
on the Definitive Safeguard Measures Against Increased Imports of
Hot Rolled Steel Flat Products with Certain Amounts of Alloying Elements such as
Boron, Chromium, etc., in Coils and Not in Coils
B.E. 2556 (2013)**

No.	Developing Countries exempted from the Imposition of Safeguard Duties	No.	Developing Countries exempted from the Imposition of Safeguard Duties
1.	The Republic of Angola	29.	Burkina Faso
2.	The Republic of Botswana	30.	The Republic of Cameroon
3.	The Republic of Burundi	31.	The Republic of Cape Verde
4.	The Union of the Comoros	32.	Central African Republic
5.	The Democratic Republic of the Congo	33.	The Republic of Chad
6.	The Republic of Djibouti	34.	The Republic of the Congo
7.	The State of Eritrea	35.	The Republic of Cote d' Ivoire
8.	The Federal Democratic Republic of Ethiopia	36.	The Republic of Gabon
9.	The Republic of Kenya	37.	The Republic of Gambia
10.	Kingdom of Lesotho	38.	The Republic of Ghana
11.	The Republic of Madagascar	39.	The Republic of Guinea
12.	The Republic of Malawi	40.	The Republic of Guinea-Bissau
13.	The Republic of Mauritius	41.	The Republic of Liberia
14.	Mayotte	42.	The Republic of Mali
15.	The Republic of Mozambique	43.	Islamic Republic of Mauritania
16.	The Republic of Namibia	44.	The Republic of Niger
17.	La Réunion	45.	Federal Republic of Nigeria
18.	The Republic of Rwanda	46.	The Democratic Republic of Sao Tome & Principe
19.	The Republic of Seychelles	47.	The Republic of Senegal
20.	Somalia	48.	The Republic of Sierra Leone
21.	The Republic of South Africa	49.	The Republic of Togo
22.	The Republic of Sudan	50.	The People's Democratic Republic of Algeria
23.	Kingdom of Swaziland	51.	The Arab Republic of Egypt
24.	The United Republic of Tanzania	52.	The Great Socialist Peoples Libyan Arab Jamahiriya
25.	The Republic of Uganda	53.	The Kingdom of Morocco
26.	The Republic of Zambia	54.	The Republic of Tunisia
27.	The Republic of Zimbabwe	55.	The Islamic Republic of Afghanistan
28.	The Republic of Benin	56.	The People's Republic of Bangladesh

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No.	Developing Countries exempted from the Imposition of Safeguard Duties	No.	Developing Countries exempted from the Imposition of Safeguard Duties
57.	The Kingdom of Bhutan	85.	The Socialist Federal Republic of Yugoslavia
58.	British Indian Ocean Territory	86.	The Islamic Republic of Iran
59.	The Democratic Republic of Timor-Leste	87.	The Republic of Iraq
60.	The Republic of Maldives	88.	Hashemite Kingdom of Jordan
61.	The Democratic Republic of Nepal	89.	The Republic of Lebanon
62.	The Islamic Republic of Pakistan	90.	The Syrian Arab Republic
63.	The Democratic Socialist Republic of Sri Lanka	91.	West Bank & Gaza
64.	The Republic of Albania	92.	The Republic of Yemen
65.	The Republic of Armenia	93.	Anguilla
66.	The Republic of Azerbaijan	94.	Antigua & Barbuda
67.	The Republic of Belarus	95.	The Republic of Argentina
68.	Bosnia & Herzegovina	96.	Belize
69.	The Republic of Bulgaria	97.	The Plurinational State of Bolivia
70.	Georgia	98.	The Federative Republic of Brazil
71.	The Republic of Kazakhstan	99.	British Virgin Islands
72.	The Republic of Kosovo	100.	The Republic of Chile
73.	The Kyrgyz Republic	101.	The Republic of Colombia
74.	The Republic of Lithuania	102.	The Republic of Costa Rica
75.	The Republic of Macedonia	103.	The Republic of Cuba
76.	The Republic of Moldova	104.	The Commonwealth of Dominica
77.	Montenegro	105.	Dominican Republic
78.	The Republic of Romania	106.	The Republic of Ecuador
79.	The Republic of Serbia	107.	The Republic of El Salvador
80.	The Republic of Tajikistan	108.	Falkland Islands (Malvinas)
81.	The Republic of Turkey	109.	French Guiana
82.	Turkmenistan	110.	Grenada
83.	Ukraine	111.	Guadaloupe
84.	The Republic of Uzbekistan	112.	The Republic of Guatemala

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No.	Developing Countries exempted from the Imposition of Safeguard Duties	No.	Developing Countries exempted from the Imposition of Safeguard Duties
113.	The Cooperative Republic of Guyana	140.	The Republic of Indonesia
114.	The Republic of Haiti	141.	Johnston Islands
115.	The Republic of Honduras	142.	The Republic of Kiribati
116.	Jamaica	143.	The Democratic People's Republic of Korea
117.	Martinique	144.	The Lao People's Democratic Republic
118.	The United Mexican States	145.	Malaysia
119.	Montserrat	146.	The Republic of the Marshall Islands
120.	The Republic of Nicaragua	147.	The Federated States of Micronesia
121.	Norfolk Island	148.	Midway Islands
122.	The Republic of Panama	149.	Mongolia
123.	The Republic of Paraguay	150.	The Republic of the Union of Myanmar
124.	The Republic of Peru	151.	The Republic of Nauru
125.	Saint Helena	152.	Niue
126.	The Federation of Saint Kitts & Nevis	153.	The Republic of Palau
127.	Saint Lucia	154.	Pitcairn Islands
128.	Saint Pierre & Miquelon	155.	Papua New Guinea
129.	Saint Vincent & the Grenadines	156.	The Republic of the Philippines
130.	The Republic of Suriname	157.	Independent State of Samoa
131.	The Republic of Uruguay	158.	Solomon Islands
132.	The Republic of Venezuela	159.	Tokelau
133.	American Samoa	160.	The Kingdom of Tonga
134.	The Kingdom of Cambodia	161.	Tuvalu
135.	Chinese Taipei	162.	The Republic of Vanuatu
136.	Christmas Islands	163.	The Socialist Republic of Vietnam
137.	Cocos (Keeling) Islands	164.	Wake Island
138.	Cook Islands	165.	Wallis & Futuna Island
139.	The Republic of Fiji		

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Names of Importers of Hot Rolled Steel Flat Products with Certain Amounts of Alloying Elements Such as Boron, Chromium, etc., in Coils and Not in Coils Exempted from the Imposition of Safeguard Duties	
Hot Rolled Steel Flat Products with Certain Amounts of Alloying Elements Such as Boron, Chromium, etc., in Coils and Not in Coils Imported for Cold Rolling Process	
1.	Thai Cold Rolled Steel Sheet Public Company Limited
2.	Siam United Steel (1995) Co., Ltd.
3.	NS BlueScope (Thailand) Limited
4.	Starcore Co., Ltd.
Hot Rolled Steel Flat Products with Certain Amounts of Alloying Elements Such as Boron, Chromium, etc., in Coils and Not in Coils Imported for the Automobile Industry	
1.	Toyota Tsusho (Thailand) Co., Ltd.
2.	MC Metal Service Asia (Thailand) Co., Ltd.
3.	Summit Advanced Materials Co., Ltd.
4.	Siam Lotus Co., Ltd.
5.	Nissan Motor (Thailand) Co., Ltd.
6.	Siam Nippon Steel Pipe Co., Ltd.
7.	Honda Trading Asia Co., Ltd.
8.	Thai Steel Pipe Industry Co., Ltd.
9.	United Coil Center Limited
10.	Siam Steel Service Center Public Company Limited
11.	Thai Steel Service Center Ltd.
12.	Central Metals (Thailand) Co., Ltd.
13.	SB Coil Center (Thailand) Ltd.
14.	Bangkok Coil Center Co., Ltd.
15.	CS. Metal Co., Ltd.
16.	Mitsui Siam Components Co., Ltd.
17.	Premium Steel Processing Co., Ltd.
18.	Hanwa Steel Service (Thailand) Co., Ltd.
19.	Steel Alliance Service Center Co., Ltd.
20.	Kanemitsu (Thailand) Co., Ltd.
21.	Nanachart Traders Consolidation Ltd.
22.	Sumitomo Corporation Thailand Co., Ltd.
23.	N.H.K. Steel Co., Ltd.
24.	Unity Industrial Co., Ltd.
25.	Nitco Siam Co., Ltd.
26.	Marubeni – Itochu Steel Pte Limited Bangkok Branch
27.	CH Radiators Co., Ltd.

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Hot Rolled Steel Flat Products with Certain Amounts of Alloying Elements Such as Boron, Chromium, etc., in Coils and Not in Coils Imported for the Automobile Industry	
28.	CH Autopart Co., Ltd.
29.	Bangkok Pacific Steel Co., Ltd.
30.	CSP Steel Center Public Co., Ltd.
31.	CH. Auto Industry Co., Ltd.
32.	Diamond Dimension Co., Ltd.
33.	Tenhiko Industrial (Thailand) Co., Ltd.
34.	Asno Horie (Thailand) Co., Ltd.
35.	Aibel Co., Ltd.
36.	DENSO (Thailand) Co., Ltd.
37.	Yorozu (Thailand) Co., Ltd.
38.	Eastern Prosperity Co., Ltd.
39.	Juthawan Molitec (Thailand) Co., Ltd.
40.	Sunstar Engineering (Thailand) Co., Ltd.
41.	Siam Kayaba Co., Ltd.
42.	Autrans (Thailand) Co., Ltd.
43.	Exedy (Thailand) Co., Ltd.
44.	TOACS (Thailand) Co., Ltd.
45.	Nakagawa – APM (Thailand) Co., Ltd.
Hot Rolled Steel Flat Products with Certain Amounts of Alloying Elements Such as Boron, Chromium, etc., in Coils and Not in Coils Imported for Hardening Process and as Special Grade Steels	
1.	Tenhiko Industrial (Thailand) Co., Ltd.
2.	Juthawan Co., Ltd.
3.	Juthawan Molitec (Thailand) Co., Ltd.
4.	ThyssenKrupp Materials (Thailand) Co., Ltd.
5.	Sin Thai Special Steel Co., Ltd.
6.	Sahamit Machinery Public Company Limited
7.	Best Tech & Engineering Ltd.
8.	S.C.S. Fabrication Co., Ltd.
9.	Pacific Special Steel Co., Ltd.
10.	ASSAB Steels (Thailand) Ltd.
11.	Oriental Special Steel Ltd.
12.	Daido PDM (Thailand) Co., Ltd.
13.	Thaisakol B and B Co., Ltd.

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Hot Rolled Steel Flat Products with Certain Amounts of Alloying Elements Such as Boron, Chromium, etc., in Coils and Not in Coils Imported for Hardening Process and as Special Grade Steels	
14.	Bangkok Special Steel Co., Ltd.
15.	Kimann Specialty Metals (Thailand) Co., Ltd.
16.	BOSUN Tool (Thailand) Co., Ltd.
17.	Bisalloy (Thailand) Co., Ltd.
18.	Loyal Contact Limited
19.	Visavakit Patana Corporation Limited
20.	Special Steel Center Co., Ltd.
21.	Umetoku (Thailand) Co., Ltd.
22.	Pipe Supports Asia Limited
23.	Hiwa (Thailand) Co., Ltd.
24.	CBI (Thailand) Limited
25.	Fujimaki Steel (Thailand) Co., Ltd.
26.	Special Steel and Services Co., Ltd.
27.	M & P Total Supply Co., Ltd.
28.	Central Metals (Thailand) Ltd.
29.	AWACS Corporation Ltd.
30.	Furukawa Unic (Thailand) Co., Ltd.
31.	Unimit Engineering Public Company Limited
32.	Kijchailohaphan Co., Ltd.
33.	PTT Global Chemical Public Company Limited
34.	Metal One (Thailand) Co., Ltd.
35.	Sato-Shoji (Thailand) Co., Ltd.
36.	Wattana Paisan Engineering Co., Ltd.
37.	Practicum Engineering Co., Ltd.
38.	S.N.N. Tools & Dies Co., Ltd.
39.	SKJ Metal Industries Co., Ltd.
40.	PPP Knife and Saw Co., Ltd.
41.	Hwa Lang Ceramic Hardware Factory Co., Ltd.
42.	K.G.S Steel Co., Ltd.
43.	Thaimongkol Fasteners Co., Ltd.
44.	Intertool Technologies Co., Ltd.

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Hot Rolled Steel Flat Products with Certain Amounts of Alloying Elements Such as Boron, Chromium, etc., in Coils and Not in Coils Imported for Hardening Process and as Special Grade Steels	
45.	S.A.F. Special Steels Co., Ltd.
46.	Thanasin International Co., Ltd.
47.	William Wong Group Co., Ltd.
48.	William Wong Co., Ltd
49.	STRR Engineering Co., Ltd.
50.	Bangkok Inter Tubes Ltd.

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Hot Rolled Steel Flat Products with Certain Amounts of Alloying Elements Such as Boron, Chromium, etc., in Coils and Not in Coils Imported for Hardening Process and as Special Grade Steels	
Standard	Grade
ABS	ABS EH36
AISI	AISI P20
API2W	API2W-Gr50
API2H	API2H-Gr50
ASME SA387/ ASTM A387	ALL grade
ASME SA203/ ASTM A203	ALL grade
ASME SA204/ ASTM A204	ALL grade
ASME SA299/ ASTM A299	ALL grade
ASME SA302/ ASTM A302	ALL grade
ASME SA553/ ASTM A553	ALL grade
ASME SA516/ ASTM A516	ALL grade
ASME SA517F / ASTM A517F	ALL grade
ASME SA537/ ASTM A537	ALL grade
ASME SA542-D-4a / ASTM A542-D-4a	ALL grade
ASTM	ASTM CORTEN B
DIN	DIN 1.0884, DIN 1.2080, DIN 1.2083, DIN 1.2101, DIN 1.2210, DIN 1.2307, DIN 1.2311, DIN 1.2312, DIN 1.2316, DIN 1.2343, DIN 1.2344, DIN 1.2345, DIN 1.2363, DIN 1.2365, DIN 1.2367, DIN 1.2379, DIN 1.2380, DIN 1.2436, DIN 1.2510, DIN 1.2550, DIN 1.2581, DIN 1.2601, DIN 1.2631, DIN 1.2709, DIN 1.2714, DIN 1.2721, DIN 1.2738, DIN 1.2767, DIN 1.2842, DIN 1.2885, DIN 1.2886, DIN 1.3343, DIN 1.3401, DIN 1.3505, DIN 1.4718, DIN 1.4906, DIN 1.5752, DIN 1.5919, DIN 1.5920, DIN 1.6356, DIN 1.6358, DIN 1.6359, DIN 1.6565, DIN 1.6580, DIN 1.6582, DIN 1.6583, DIN 1.6586, DIN 1.6587, DIN 1.6745, DIN 1.6944, DIN 1.6952, DIN 1.7223, DIN 1.7225, DIN 1.7707, DIN 1.7735, DIN 1.8519, DIN 1.5924 LW, DIN 1.5934 LW, DIN 1.6354 LW, DIN 1.6604 LW, DIN 1.6926 LW, DIN 1.6944 LW, DIN 1.7734 LW, DIN 1.7736 LW, DIN 1.8514 LW
JIS G 3103	ALL grade (SB)
JIS G 3115	ALL grade (SPV)
JIS G 3118	ALL grade (SGV)
JIS G 3126	ALL grade (SLA)
JIS G 3128	All grade (SHY)

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Standard	Grade
JIS G 3134	ALL grade (SPFH)
JIS G 4051	S48C – S58C
JIS G 4053	All grade (SMn, SMnC, SCr, SCM, SNC, SNCM,)
JIS G 4103	All grade (SNCM)
JIS G 4104	All grade (SCr)
JIS G 4105	All grade (SCM)
JIS G 4401	ALL grade (SK)
JIS G 4403	ALL grade (SKH)
JIS G 4404	ALL grade (SKS), ALL grade (SKD), ALL grade (SKT)
JIS G 4801	ALL grade (SUP)
JIS G 4804	ALL grade (SUM)
JIS G 4805	ALL grade (SUJ)
EN ISO 683-17	All grade
EN ISO 4957	All grade
EN 10025-5	1.8965 (S355J2W)
EN 10025-6	S690QL – S960QL
EN 10028-2	All grade
EN 10028-3	All grade
EN 10028-5	All grade
EN 10028-6	All grade
EN 10083-3	All grade
EN 10084	All grade
EN 10088-1	All grade
EN 10088-3	All grade
EN 10090	All grade
EN 10095	All grade
EN 10149-2	S550MC - S700 MC
EN 10250-3	All grade
EN 10302	All grade

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Hot Rolled Steel Flat Products with Certain Amounts of Alloying Elements Such as Boron, Chromium, etc., in Coils and Not in Coils Imported for Hardening Process and as Special Grade Steels																		
Standard	Grade	Chemical Composition (%) Max or Min/Max																
		C	Si	Mn	P	S	Cr	Mo	Ni	V	B	Cu	Nb	W	Co	Al	Ti	Others (Specify)
INDUSTEEL	Superplast 300 (SP300)	0.23-0.27	0.05-0.20	1.00-1.50	< 0.02	< 0.02	1.00-2.50	0.30-0.60	< 1.00									
	Superplast HP370	0.09 max	0.099 max	3.00-4.00	0.015max	0.01 max	2.50-3.50	< 1.00	0.329									
	Superplast HP Plus	0.13 max	0.169 max	3.00-4.00	0.015max	0.01 max	2.50-3.50	< 1.00										
JFE-EVERHARD	EVERHARD 360	0.20 max	0.55 max	1.60 max	0.030 max	0.030 max	0.40 max				0.004 max						0.005-0.020	
	EVERHARD 400	0.25 max	0.55 max	1.60 max	0.030 max	0.030 max	0.80 max				0.004 max						0.005-0.020	
	EVERHARD 500	0.35 max	0.55 max	1.60 max	0.030 max	0.030 max	0.80 max				0.004 max						0.005-0.020	
	EVERHARD 360A	0.20 max	0.55 max	1.60 max	0.030 max	0.030 max	0.40-1.20	0.10-0.50		0.10 max	0.004 max						0.020 max	
	EVERHARD 500A	0.35 max	0.55 max	1.60 max	0.030 max	0.030 max	0.40-1.20	0.10-0.50		0.10 max	0.004 max						0.020 max	
	EVERHARD 360LE	0.17 max	0.55 max	1.60 max	0.020 max	0.010 max	0.40 max	0.35 max			0.004 max							0.020 max
	EVERHARD 400LE	0.23 max	0.55 max	1.60 max	0.020 max	0.010 max	0.80 max	0.35 max			0.004 max							0.020 max
	EVERHARD 500LE	0.29 max	0.55 max	1.60 max	0.020 max	0.010 max	0.40 max	0.35 max			0.004 max							0.020 max
	EVERHARD C400	0.20 max	0.55 max	1.60 max	0.030 max	0.030 max	0.40 max				0.004 max							0.005-0.020
	EVERHARD-SP	0.35 max	0.55 max	1.60 max	0.030 max	0.030 max	0.50-1.50											
JFE-HITEN	JFE HITEN 590	0.16 max	0.15-0.55	1.50 max	0.025 max	0.015 max	0.30 max	0.30 max	1.00 max	0.08 max		0.30 max						
	JFE HITEN 610	0.16 max	0.15-0.55	1.50 max	0.025 max	0.015 max	0.30 max	0.30 max	1.00 max	0.08 max		0.30 max						
	JFE HITEN 610U2	0.09 max	0.15-0.55	1.20-1.60	0.025 max	0.010 max	0.30 max	0.30 max	0.30 max	0.06 max		0.30 max	0.03 max					
	JFE HITEN 610U2L	0.09 max	0.15-0.55	1.60 max	0.025 max	0.010 max	0.30 max	0.30 max	0.70 max	0.06 max		0.30 max	0.03 max					
	JFE HITEN 780M	0.18 max	0.35 max	1.20 max	0.015 max	0.015 max	0.80 max	0.60 max	0.30-1.50	0.05 max	0.005 max	0.50 max						
	JFE HITEN 780S	0.25 max	0.55 max	1.60 max	0.03max	0.015 max	1.50 max	0.60 max	0.50 max	0.10 max	0.005 max	0.50 max					0.03 max	
	JFF HITEN 780LE	0.20 max	0.40 max	1.40 max	0.025max	0.015 max	0.20 max	0.15 max		0.08 max	0.005 max							
	JFE HITEN 980S	0.18 max	0.35 max	1.20 max	0.02 max	0.015 max	0.80 max	0.80 max	2.00 max	0.08 max	0.005 max	0.70 max	0.02 max					

Annex III to the Committee on Safeguard Measures Notification

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B.E. 2556 (2013)

Hot Rolled Steel Flat Products with Certain Amounts of Alloying Elements Such as Boron, Chromium, etc., in Coils and Not in Coils Imported for Hardening Process and as Special Grade Steels																	
Standard	Grade	Chemical Composition (%) Max or Min/Max															
		C	Si	Mn	P	S	Cr	Mo	Ni	V	B	Cu	Nb	W	Co	Al	Ti
JFE-EH	JFE-EH360 / JFE-EH400C	0.20 max	0.55 max	1.60 max	0.030 max	0.030 max	0.40 max				0.004 max						0.005-0.020
	JFE-EH400	0.25 max	0.55 max	1.60 max	0.030 max	0.030 max	0.80 max				0.004 max						0.005-0.020
CAT	IE0577	0.10-0.21	0.15-0.45	0.70-1.50	0.035 max	0.035 max	0.90 max	0.60 max	0.70 max	0.08 max	0.0005-0.006	0.50 max	0.06 max				0.06 max
	IE1839	0.17 max	0.10-0.70	1.50 max	0.02 max	0.01 max	0.70 max	0.35 max		0.07 max	0.0005-0.005						
	IE1032	0.21 max	0.40 max	1.40 max	0.035 max	0.03 max	0.20 max	0.15 max		0.07 max	0.003 max						
	IE0682	0.13-0.20	0.15-0.45	1.00-1.40	0.035 max	0.03 max	0.20 max	0.15 max		0.07 max	0.0005-0.003						
	IE1247	0.18 max	0.40 max	1.70 max	0.025 max	0.01 max	0.70 max	0.35 max		0.15 max	0.0005-0.003		0.08 max				
Nisshin steel co.,Ltd's Boron Steel	N22CB	0.20-0.25	0.25 max	0.30-0.60	0.020 max	0.020 max	0.20-0.40				0.002-0.005						
	N28CB	0.26-0.30	0.25 max	0.30-0.60	0.030 max	0.030 max	0.20-0.40				0.001-0.005						
	N36CB	0.33-0.38	0.25 max	0.40-0.70	0.030 max	0.030 max	0.40-0.70				0.001-0.005						
Kobe Steel's Brand	K-TEN780A	0.18 max	0.55 max	1.20 max	0.025 max	0.01 max	0.30-1.20	0.10-0.60		0.10 max	20ppm	0.50 max					
	K-TEN AR360	0.20 max	0.55 max	1.30 max	0.025 max	0.015 max	0.30-1.20	0.10-0.60		0.10 max	20ppm	0.50 max					
	K-TEN AR400	0.20 max	0.55 max	1.30 max	0.025 max	0.015 max	0.30-1.20	0.10-0.60		0.10 max	20ppm	0.50 max					
	OK-570Q	0.22 max	0.10-0.45	1.65 max	0.045 max	0.045 max			0.30-0.50								
Sanyo Special Steel	QCM 8	0.80					8.00	1.80		0.50							
RAEX	RAEX 400	0.25 max	0.70 max	1.70 max	0.025 max	0.015 max	1.50 max	0.50 max	0.70 max								
	RAEX 450	0.26 max	0.80 max	1.70 max	0.025 max	0.015 max	1.00 max	0.50 max	1.00 max								
	RAEX 500	0.30 max	0.70 max	1.70 max	0.025 max	0.015 max	1.00 max	0.50 max	0.80 max								
Dillidur	Dillidur 400V	0.20 max	0.50 max	1.80 max	0.025 max	0.010 max	1.50 max	0.50 max	0.80 max	0.08 max			0.05 max				
	Dillidur 450V	0.25 max	0.50 max	1.60 max	0.025 max	0.010 max	1.50 max	0.50 max	0.80 max	0.08 max							
	Dillidur 500V	0.30 max	0.50 max	1.60 max	0.025 max	0.010 max	1.50 max	0.50 max	1.00 max	0.08 max			0.05 max				

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B.E. 2556 (2013)

Hot Rolled Steel Flat Products with Certain Amounts of Alloying Elements Such as Boron, Chromium, etc., in Coils and Not in Coils Imported for Hardening Process and as Special Grade Steels																	
Standard	Grade	Chemical Composition (%) Max or Min/Max															
		C	Si	Mn	P	S	Cr	Mo	Ni	V	B	Cu	Nb	W	Co	Al	Ti
Bisalloy	Bisplate 60	0.20 max	0.25 max	1.50 max	0.025 max	0.008 max	1.20 max	0.25 max			0.002 max						
	Bisplate 70	0.20 max	0.25 max	1.50 max	0.025 max	0.008 max	1.20 max	0.25 max			0.002 max						
	Bisplate 80	0.20 max	0.25 max	1.50 max	0.025 max	0.008 max	1.20 max	0.25 max			0.002 max						
	Bisplate 80 PV	0.20 max	0.25 max	1.50 max	0.025 max	0.008 max	1.20 max	0.25 max			0.002 max						
	Bisplate 320	0.20 max	0.25 max	1.50 max	0.025 max	0.008 max	1.20 max	0.25 max			0.002 max						
	Bisplate 400	0.20 max	0.25 max	1.50 max	0.025 max	0.008 max	1.20 max	0.25 max			0.002 max						
	Bisplate 450	0.25 max	0.60 max	1.20 max	0.025 max	0.008 max	1.20 max	0.35 max	0.25 max		0.002 max						
	Bisplate 500	0.32 max	0.35 max	0.40 max	0.025 max	0.008 max	1.20 max	0.30 max	0.35 max		0.002 max						
Hardox	Hardox 400	0.32 max	0.70 max	1.60 max	0.025 max	0.010 max	1.40 max	0.60 max	1.50 max		0.004 max						
	Hardox 450	0.26 max	0.70 max	1.60 max	0.020 max	0.010 max	1.40 max	0.60 max	1.00 max		0.005 max						
	Hardox 500	0.30 max	0.70 max	1.60 max	0.020 max	0.010 max	1.50 max	0.60 max	1.50 max		0.005 max						
Weldox	Weldox 700	0.20 max	0.60 max	1.60 max	0.020 max	0.010 max	0.70 max	0.70 max	2.00 max		0.005 max	0.30 max					
	Weldox 900	0.20 max	0.50 max	1.60 max	0.020 max	0.010 max	0.70 max	0.70 max	1.50 max	0.06 max	0.005 max	0.30 max	0.04 max			0.018 min	0.04 max
Domex	Domex Wear 400	0.17 max	0.50 max	1.60 max	0.020 max	0.005 max					0.004 max						
	Domex 700 MC	0.12 max	0.10 max	2.10 max	0.025 max	0.010 max				0.20 max			0.09 max			0.015 min	0.15 max
Toolox	Toolox 33	0.22-0.24	0.60-1.00	0.80	0.01 max	0.003 max	1.00-1.20	0.30	1.00 max	0.10-0.11							
	Toolox 40	0.28	1.12	0.61	0.008	0.001	1.22	0.485	0.70	0.116							
	Toolox 44	0.32	0.60-1.10	0.80	0.01 max	0.003 max	1.35	0.80	1.00 max	0.14							

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B.E. 2556 (2013)

Hot Rolled Steel Flat Products with Certain Amounts of Alloying Elements Such as Boron, Chromium, etc., in Coils and Not in Coils Imported for Hardening Process and as Special Grade Steels																		
Standard	Grade	Chemical Composition (%) Max or Min/Max																
		C	Si	Mn	P	S	Cr	Mo	Ni	V	B	Cu	Nb	W	Co	Al	Ti	Others (Specify)
WEL-TEN	WEL-TEN590	0.16 max	0.55 max	2.00 max	0.03 max	0.025 max	0.50 max	0.40 max	1.20 max	0.10 max	0.005 max	0.50 max	0.05 max					
	WEL-TEN610	0.16 max	0.55 max	2.00 max	0.03 max	0.025 max	0.50 max	0.40 max	1.20 max	0.10 max	0.005 max	0.50 max	0.05 max					
	WEL-TEN690	0.16 max	0.55 max	2.00 max	0.03 max	0.025 max	0.60 max	0.60 max	1.30 max	0.10 max	0.005 max	0.50 max	0.05 max					
	WEL-TEN780	0.16 max	0.55 max	2.00 max	0.02 max	0.015 max	0.80 max	0.60 max	≤100; 0.40-2.00 >100; 0.40-3.00	0.10 max	0.005 max	0.50 max	0.05 max					
	WEL-TEN950	0.16 max	0.55 max	2.00 max	0.015 max	0.010 max	1.20 max	0.90 max	≤100; 0.50-3.50 >100; 0.50-4.50	0.10 max	0.005 max	0.50 max	0.03 max					
	WEL-TEN590E	0.18 max	0.55 max	2.00 max	0.030 max	0.025 max												
	WEL-TEN690E	0.18 max	0.55 max	2.00 max	0.030 max	0.025 max	1.60 max	0.60 max		0.10 max	0.005 max	0.50 max						
	WEL-TEN780E	0.22 max	0.55 max	2.00 max	0.025 max	0.015 max	1.60 max	0.60 max		0.10 max	0.005 max	0.50 max						
	WEL-TEN950E	0.22 max	0.55 max	2.00 max	0.025 max	0.020 max	1.60 max	1.10 max		0.10 max	0.005 max	0.50 max						
	WEL-TEN AR400E	0.25 max	0.55 max	2.00 max	0.025 max	0.015 max	1.20 max	0.60 max			0.005 max							
WEL-HARD	WEL-HARD 400	0.22 max	0.55 max	2.00 max	0.025 max	0.015 max	1.20 max	0.60 max			0.005 max		0.05 max					
	WEL-HARD 500	0.35 max	0.55 max	2.00 max	0.025 max	0.010 max	1.20 max	0.60 max			0.005 max		0.05 max					
ABREX	ABREX 400	0.21 max	0.70 max	2.00 max	0.025 max	0.010 max	1.20 max	0.60 max	1.00 max		0.005 max							
	ABREX 450	0.23 max	0.70 max	2.00 max	0.025 max	0.010 max	1.20 max	0.60 max	1.00 max		0.005 max							
	ABREX 500	0.35 max	0.70 max	2.00 max	0.015 max	0.010 max	1.20 max	0.60 max	1.00 max		0.005 max							
	ABREX 600	0.45 max	0.70 max	2.00 max	0.015 max	0.010 max	1.20 max	0.60 max	1.00 max		0.005 max							
	ABREX 400LT	0.21 max	1.20 max	2.00 max	0.020 max	0.010 max	1.20 max	0.60 max	1.00 max		0.005 max							
	ABREX 450LT	0.28 max	1.20 max	2.00 max	0.020 max	0.010 max	1.20 max	0.60 max	1.00 max		0.005 max							
	ABREX 500LT	0.35 max	1.20 max	2.00 max	0.015 max	0.010 max	1.20 max	0.60 max	1.00 max		0.005 max							

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Hot Rolled Steel Flat Products with Certain Amounts of Alloying Elements Such as Boron, Chromium, etc., in Coils and Not in Coils Imported for Hardening Process and as Special Grade Steels																		
Standard	Grade	Chemical Composition (%) Max or Min/Max																
		C	Si	Mn	P	S	Cr	Mo	Ni	V	B	Cu	Nb	W	Co	Al	Ti	Others (Specify)
TNHT	TNHT590	0.20 max	0.55 max	2.00 max	0.035 max	0.035 max												
	TNHT690-A	0.20 max	0.55 max	2.00 max	0.035 max	0.035 max												
SUMITEN	SUMITEN610F	0.04-0.09	0.05-0.35	0.90-1.60	0.030 max	0.025 max	0.30 max	0.35 max	0.80 max	0.10 max		0.50 max						
	SUMITEN780	0.16 max	0.55 max	1.20 max	0.020 max	0.015 max	0.30-0.80	0.10-0.60	≤100, 0.30-1.50 >100; 0.40-2.00	0.10 max	0.005 max	0.15-0.50						
	SUMITEN780S	0.18 max	0.55 max	≤100; 1.20 max >100; 1.50 max	0.025 max	0.015 max	0.50-1.20	0.10-0.60		0.10 max	0.005 max	0.15-0.50						
	SUMITEN780M	0.20 max	0.55 max	2.00 max	0.025 max	0.015 max	1.60 max	0.60 max		0.10 max	0.005 max	0.50 max						
	SUMITEN950S	0.20 max	0.55 max	2.00 max	0.015 max	0.010 max	1.60 max	0.90 max		0.10 max	0.005 max	0.50 max						
	SUMITEN980S	0.20 max	0.55 max	2.00 max	0.015 max	0.010 max	1.60 max	0.90 max		0.10 max	0.005 max	0.50 max						
SUMIHARD	SUMIHARD-K400	0.21 max	0.70 max	1.60 max	0.025 max	0.010 max					0.003 max							
	SUMIHARD-K450	0.23 max	0.70 max	1.60 max	0.025 max	0.010 max					0.003 max							
	SUMIHARD-K500	0.35 max	0.70 max	1.60 max	0.025 max	0.010 max					0.003 max							
Voestalpine (Plate)	Alform 700M	0.12 max	0.60 max	2.10 max	0.020 max	0.008 max	1.50 max	0.50 max	2.00 max	0.12 max	0.005 max		0.06 max		0.020 min	0.050 max		
	Alform 960M X-treme	0.12 max	0.60 max	1.70 max	0.020 max	0.008 max	1.50 max	0.70 max	2.00 max	0.12 max	0.005 max		0.06 max		0.020 min	0.050 max		
	Aldur 700 Q, QL, QLI	0.20 max	0.80 max	1.70 max	0.020 max	0.010 max	1.50 max	0.70 max	2.00 max	0.12 max	0.005 max	0.50 max	0.06 max		0.018 min	0.050 max	Zr = 0.15 max N = 0.015 max	
	Durostat 400	0.18 max	0.60 max	2.10 max	0.025 max	0.010 max	1.00 max	0.50 max			0.005 max				0.020 min	0.050 max		
	Durostat 450	0.22 max	0.60 max	2.10 max	0.025 max	0.010 max	1.00 max	0.50 max			0.005 max				0.020 min	0.050 max		
Durostat 500	0.30 max	0.60 max	2.10 max	0.025 max	0.010 max	1.00 max	0.50 max			0.005 max				0.020 min	0.050 max			
Voestalpine (Cut-to-length sheet)	Alform 700M	0.12 max	0.50 max	2.10 max	0.020 max	0.008 max	0.30 max	0.30 max	0.30 max	0.15 max	0.005 max	0.30 max	0.08 max		0.02 min	0.20 max		
	Alform 900x-treme	0.12 max	0.50 max	1.70 max	0.015 max	0.006 max	1.50 max	0.70 max	2.00 max	0.12 max	0.005 max	0.20 max	0.06 max		0.02 min	0.05 max		
	Alform 960x-treme	0.12 max	0.50 max	1.70 max	0.015 max	0.006 max	1.50 max	0.70 max	2.00 max	0.12 max	0.005 max	0.20 max	0.06 max		0.02 min	0.05 max		
	Alform 1100x-treme	0.20 max	0.50 max	2.10 max	0.015 max	0.006 max	1.70 max	0.80 max	2.00 max	0.20 max	0.005 max	0.70 max	0.09 max		0.02 min	0.24 max		

