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DEPARTMENT OF COMMERCE

International Trade Administration

A-351-847, A-791-822, A-489-828

Certain Carbon and Alloy Steel Cut-to-Length Plate from Brazil, South Africa, and the Republic of Turkey: Antidumping Duty Orders

AGENCY: Enforcement and Compliance, International Trade Administration, Department of Commerce.

SUMMARY: Based on affirmative final determinations by the Department of Commerce (Department) and the International Trade Commission (ITC), the Department is issuing antidumping duty orders on certain carbon and alloy steel cut-to-length plate (CTL plate) from Brazil, South Africa, and the Republic of Turkey (Turkey).

DATES: Effective January 26, 2017.

FOR FURTHER INFORMATION CONTACT: Mark Kennedy at (202) 482-7883 (Brazil); Julia Hancock or Susan Pulongbarit at (202) 482-1394 or (202) 482-4031, respectively (South Africa); or Dmitry Vladimirov at (202) 482-0665 (Turkey); AD/CVD Operations, Enforcement and Compliance, International Trade Administration, U.S. Department of Commerce, 1401 Constitution Avenue NW, Washington, DC 20230.

SUPPLEMENTARY INFORMATION:

Background

In accordance with sections 735(d) and 777(i)(1) of the Tariff Act of 1930, as amended (the Act), and 19 CFR 351.210(c), on December 5, 2016, the Department published its affirmative final determinations in the less-than-fair-value (LTFV) investigations of CTL plate

from Brazil, South Africa, and Turkey.¹ On January 19, 2017, the ITC notified the Department of its affirmative determination that an industry in the United States is materially injured within the meaning of section 735(b)(1)(A)(i) of the Act, by reason of the LTFV imports of CTL plate from Brazil, South Africa, and Turkey, and of its determination that critical circumstances do not exist with respect to imports of subject merchandise from Brazil and Turkey that are subject to the Department's affirmative critical circumstances findings.²

Scope of the Orders

The product covered by these orders is CTL plate. For a complete description for the scope of the Brazil and Turkey orders, *see* Appendix I of this notice. For a complete description for the scope of the South Africa order, *see* Appendix II of this notice.³

Antidumping Duty Orders

On January 19, 2017, in accordance with section 735(d) of the Act, the ITC notified the Department of its final determinations in these investigations, in which it found that an industry in the United States is materially injured by reason of imports of CTL plate from Brazil, South Africa, and Turkey, and that critical circumstances do not exist with respect to imports of subject merchandise from Brazil and Turkey that are subject to the Department's affirmative critical

¹ *See Certain Carbon and Alloy Steel Cut-to-Length Plate from Brazil, South Africa, and the Republic of Turkey: Affirmative Final Determinations of Sales at Less Than Fair Value and Affirmative Final Determinations of Critical Circumstances for Brazil and the Republic of Turkey*, 81 FR 87544 (December 5, 2016) (*Final Determinations*).

² *See* Letter to Christian Marsh, Deputy Assistant Secretary for Enforcement and Compliance, from Rhonda K. Schmidlein, Chairman of the International Trade Commission, entitled, "Notification of International Trade Commission, dated January 19, 2017 (ITC Letter).

³ Due to the possibility of overlapping coverage between the scopes of the CTL Plate antidumping duty orders for Brazil and Turkey and pre-existing antidumping duty orders on Certain Hot-Rolled Steel Flat Products from Brazil and Turkey, the scopes of these CTL Plate antidumping orders specifically exclude any such overlapping products. *See Certain Hot-Rolled Steel Flat Products from Australia, Brazil, Japan, the Republic of Korea, the Netherlands, the Republic of Turkey, and the United Kingdom: Amended Final Affirmative Antidumping Determinations for Australia, the Republic of Korea, and the Republic of Turkey and Antidumping Duty Orders*, 81 FR 67962 (October 3, 2016). With respect to South Africa, there is no pre-existing antidumping order which could result in overlapping coverage. As a result, the scope of the South African CTL Plate antidumping duty order does not contain the exclusion contained in the scopes of the Brazil and Turkey CTL Plate antidumping duty orders

circumstances findings.⁴ Therefore, in accordance with section 735(c)(2) of the Act, the Department is issuing these antidumping duty orders. Because the ITC determined that imports of CTL plate from Brazil, South Africa, and Turkey are materially injuring a U.S. industry, unliquidated entries of such merchandise from Brazil, South Africa, and Turkey, entered or withdrawn from warehouse for consumption, are subject to the assessment of antidumping duties.

Therefore, in accordance with section 736(a)(1) of the Act, the Department will direct U.S. Customs and Border Protection (CBP) to assess, upon further instruction by the Department, antidumping duties equal to the amount by which the normal value of the merchandise exceeds the export price (or constructed export price) of the merchandise, for all relevant entries of CTL plate from Brazil, South Africa, and Turkey. Antidumping duties will be assessed on unliquidated entries of CTL plate from Brazil, South Africa, and Turkey entered, or withdrawn from warehouse, for consumption on or after September 22, 2016, the date of publication of the *Preliminary Determinations*,⁵ but will not include entries occurring after the expiration of the provisional measures period and before publication of the ITC's final injury determination as further described below.

Suspension of Liquidation

In accordance with section 735(c)(1)(B) of the Act, we will instruct CBP to continue to suspend liquidation on all relevant entries of CTL plate from Brazil, South Africa, and Turkey. These instructions suspending liquidation will remain in effect until further notice.

⁴ See ITC Letter.

⁵ See *Certain Carbon and Alloy Steel Cut-to-Length Plate from Brazil, South Africa, and the Republic of Turkey: Affirmative Preliminary Determinations of Sales at Less Than Fair Value*, 81 FR 65337 (September 22, 2016) (*Preliminary Determinations*).

We will also instruct CBP to require cash deposits equal to the amounts as indicated below. Accordingly, effective on the date of publication of the ITC's final affirmative determinations, CBP will require, at the same time as importers would normally deposit estimated duties on this subject merchandise, a cash deposit equal to the estimated weighted-average dumping margins listed below.⁶ The relevant "all-others" rate applies to all producers or exporters not specifically listed.

Provisional Measures

Section 733(d) of the Act states that instructions issued pursuant to an affirmative preliminary determination may not remain in effect for more than four months, except where exporters representing a significant proportion of exports of the subject merchandise request the Department to extend that four-month period to no more than six months. Exporters representing a significant portion of exports of the subject merchandise did not request the Department to extend the four-month period for provision measures and, accordingly, the Department did not extend the four-month period to six months. In the underlying investigation, the Department published the *Preliminary Determinations* on September 22, 2016. Therefore, the four-month period beginning on the date of the publication of the *Preliminary Determinations* ended on January 20, 2017. Furthermore, section 737(b) of the Act states that definitive duties are to begin on the date of publication of the ITC's final injury determination.

Therefore, in accordance with section 733(d) of the Act and our practice, we will instruct CBP to terminate the suspension of liquidation and to liquidate, without regard to antidumping duties, unliquidated entries of CTL plate from Brazil, South Africa, and Turkey entered, or withdrawn from warehouse, for consumption after January 20, 2017, the date the provisional measures expired, until and through the day preceding the date of publication of the ITC's final

⁶ See section 736(a)(3) of the Act.

injury determination in the *Federal Register*. Suspension of liquidation will resume on the date of publication of the ITC’s final determination in the *Federal Register*.

Critical Circumstances

With regard to the ITC’s negative critical circumstances determination on imports of CTL plate from Brazil and Turkey, we will instruct CBP to lift suspension and to refund any cash deposits made to secure the payment of estimated antidumping duties with respect to CTL plate from Brazil and Turkey entered, or withdrawn from warehouse, for consumption on or after June 24, 2016 (*i.e.*, 90 days prior to the date of publication of the *Preliminary Determinations*), but before September 22, 2016 (*i.e.*, the date of publication of the *Preliminary Determinations*).

Estimated Weighted-Average Dumping Margins

The weighted-average dumping duty percentages are as follows:

Brazil

Exporter/Producer	Weighted-Average Dumping Margins (percent)
Companhia Siderurgica Nacional	74.52
Usinas Siderurgicas de Minas Gerais SA	74.52
All Others	74.52

South Africa

Exporter/Producer	Weighted-Average Dumping Margins (percent)
Evraz Highveld Steel and Vanadium Corp.	94.14
All Others	87.72

Turkey

Exporter/Producer	Weighted-Average Dumping Margins (percent)
Ereğli Demir ve Çelik Fabrikalari T.A.Ş.	50.00
All Others	42.02

This notice constitutes the antidumping duty orders with respect to CTL plate from Brazil, South Africa, and Turkey pursuant to section 736(a) of the Act. Interested parties can find a list of antidumping duty orders currently in effect at <http://enforcement.trade.gov/stats/iastats1.html>.

These orders are issued and published in accordance with section 736(a) of the Act and 19 CFR 351.211(b).

/s/ Ronald K. Lorentzen

Ronald K. Lorentzen
Acting Assistant Secretary
for Enforcement and Compliance

January 26, 2017
Date

Appendix I

Scope of the Orders for Brazil and Turkey

The products covered by these orders are certain carbon and alloy steel hot-rolled or forged flat plate products not in coils, whether or not painted, varnished, or coated with plastics or other non-metallic substances (cut-to-length plate). Subject merchandise includes plate that is produced by being cut-to-length from coils or from other discrete length plate and plate that is rolled or forged into a discrete length. The products covered include (1) Universal mill plates (*i.e.*, flat-rolled products rolled on four faces or in a closed box pass, of a width exceeding 150 mm but not exceeding 1250 mm, and of a thickness of not less than 4 mm, which are not in coils and without patterns in relief), and (2) hot-rolled or forged flat steel products of a thickness of 4.75 mm or more and of a width which exceeds 150 mm and measures at least twice the thickness, and which are not in coils, whether or not with patterns in relief. The covered products described above may be rectangular, square, circular or other shapes and include products of either rectangular or non-rectangular cross-section where such non-rectangular cross-section is achieved subsequent to the rolling process, *i.e.*, products which have been “worked after rolling,” (*e.g.*, products which have been beveled or rounded at the edges).

For purposes of the width and thickness requirements referenced above, the following rules apply:

(1) except where otherwise stated where the nominal and actual thickness or width measurements vary, a product from a given subject country is within the scope if application of either the nominal or actual measurement would place it within the scope based on the definitions set forth above unless the product is already covered by an order existing on that specific country (*i.e.*, *Certain Hot-Rolled Steel Flat Products from Australia, Brazil, Japan, the Republic of Korea, the Netherlands, the Republic of Turkey, and the United Kingdom: Amended Final Affirmative Antidumping Determinations for Australia, the Republic of Korea, and the Republic of Turkey and Antidumping Duty Orders*, 81 FR 67962 (October 3, 2016)); and

(2) where the width and thickness vary for a specific product (*e.g.*, the thickness of certain products with non-rectangular cross-section, the width of certain products with non-rectangular shape, etc.), the measurement at its greatest width or thickness applies.

Steel products included in the scope of these orders are products in which: (1) iron predominates, by weight, over each of the other contained elements; and (2) the carbon content is 2 percent or less by weight.

Subject merchandise includes cut-to-length plate that has been further processed in the subject country or a third country, including but not limited to pickling, oiling, levelling, annealing, tempering, temper rolling, skin passing, painting, varnishing, trimming, cutting, punching, beveling, and/or slitting, or any other processing that would not otherwise remove the merchandise from the scope of these orders if performed in the country of manufacture of the cut-to-length plate.

All products that meet the written physical description, are within the scope of these orders unless specifically excluded or covered by the scope of an existing order. The following products are outside of, and/or specifically excluded from, the scope of these orders:

- (1) products clad, plated, or coated with metal, whether or not painted, varnished or coated with plastic or other non-metallic substances;
- (2) military grade armor plate certified to one of the following specifications or to a specification that references and incorporates one of the following specifications:
 - MIL-A-12560,
 - MIL-DTL-12560H,
 - MIL-DTL-12560J,
 - MIL-DTL-12560K,
 - MIL-DTL-32332,
 - MIL-A-46100D,
 - MIL-DTL-46100-E,
 - MIL-46177C,
 - MIL-S-16216K Grade HY80,
 - MIL-S-16216K Grade HY100,
 - MIL-S-24645A HSLA-80;
 - MIL-S-24645A HSLA-100,
 - T9074-BD-GIB-010/0300 Grade HY80,

- T9074-BD-GIB-010/0300 Grade HY100,
- T9074-BD-GIB-010/0300 Grade HSLA80,
- T9074-BD-GIB-010/0300 Grade HSLA100, and
- T9074-BD-GIB-010/0300 Mod. Grade HSLA115,

except that any cut-to-length plate certified to one of the above specifications, or to a military grade armor specification that references and incorporates one of the above specifications, will not be excluded from the scope if it is also dual- or multiple-certified to any other non-armor specification that otherwise would fall within the scope of these orders;

- (3) stainless steel plate, containing 10.5 percent or more of chromium by weight and not more than 1.2 percent of carbon by weight;
- (4) CTL plate meeting the requirements of ASTM A-829, Grade E 4340 that are over 305 mm in actual thickness;
- (5) Alloy forged and rolled CTL plate greater than or equal to 152.4 mm in actual thickness meeting each of the following requirements:

(a) Electric furnace melted, ladle refined & vacuum degassed and having a chemical composition (expressed in weight percentages):

- Carbon 0.23-0.28,
- Silicon 0.05-0.20,
- Manganese 1.20-1.60,
- Nickel not greater than 1.0,
- Sulfur not greater than 0.007,
- Phosphorus not greater than 0.020,
- Chromium 1.0-2.5,
- Molybdenum 0.35-0.80,
- Boron 0.002-0.004,

- Oxygen not greater than 20 ppm,
 - Hydrogen not greater than 2 ppm, and
 - Nitrogen not greater than 60 ppm;
- (b) With a Brinell hardness measured in all parts of the product including mid thickness falling within one of the following ranges:
- (i) 270-300 HBW,
 - (ii) 290-320 HBW, or
 - (iii) 320-350HBW;
- (c) Having cleanliness in accordance with ASTM E45 method A (Thin and Heavy): A not exceeding 1.5, B not exceeding 1.0, C not exceeding 0.5, D not exceeding 1.5; and
- (d) Conforming to ASTM A578-S9 ultrasonic testing requirements with acceptance criteria 2 mm flat bottom hole;
- (6) Alloy forged and rolled steel CTL plate over 407 mm in actual thickness and meeting the following requirements:
- (a) Made from Electric Arc Furnace melted, Ladle refined & vacuum degassed, alloy steel with the following chemical composition (expressed in weight percentages):
- Carbon 0.23-0.28,
 - Silicon 0.05-0.15,
 - Manganese 1.20-1.50,
 - Nickel not greater than 0.4,
 - Sulfur not greater than 0.010,
 - Phosphorus not greater than 0.020,
 - Chromium 1.20-1.50,
 - Molybdenum 0.35-0.55,

- Boron 0.002-0.004,
- Oxygen not greater than 20 ppm,
- Hydrogen not greater than 2 ppm, and
- Nitrogen not greater than 60 ppm;

(b) Having cleanliness in accordance with ASTM E45 method A (Thin and Heavy): A not exceeding 1.5, B not exceeding 1.5, C not exceeding 1.0, D not exceeding 1.5;

(c) Having the following mechanical properties:

(i) With a Brinell hardness not more than 237 HBW measured in all parts of the product including mid thickness; and having a Yield Strength of 75ksi min and UTS 95ksi or more, Elongation of 18% or more and Reduction of area 35% or more; having charpy V at -75 degrees F in the longitudinal direction equal or greater than 15 ft. lbs (single value) and equal or greater than 20 ft. lbs (average of 3 specimens) and conforming to the requirements of NACE MR01-75; or

(ii) With a Brinell hardness not less than 240 HBW measured in all parts of the product including mid thickness; and having a Yield Strength of 90 ksi min and UTS 110 ksi or more, Elongation of 15% or more and Reduction of area 30% or more; having charpy V at -40 degrees F in the longitudinal direction equal or greater than 21 ft. lbs (single value) and equal or greater than 31 ft. lbs (average of 3 specimens);

(d) Conforming to ASTM A578-S9 ultrasonic testing requirements with acceptance criteria 3.2 mm flat bottom hole; and

(e) Conforming to magnetic particle inspection in accordance with AMS 2301;

(7) Alloy forged and rolled steel CTL plate over 407 mm in actual thickness and meeting the following requirements:

(a) Made from Electric Arc Furnace melted, ladle refined & vacuum degassed, alloy steel with the following chemical composition (expressed in weight percentages):

- Carbon 0.25-0.30,

- Silicon not greater than 0.25,
- Manganese not greater than 0.50,
- Nickel 3.0-3.5,
- Sulfur not greater than 0.010,
- Phosphorus not greater than 0.020,
- Chromium 1.0-1.5,
- Molybdenum 0.6-0.9,
- Vanadium 0.08 to 0.12
- Boron 0.002-0.004,
- Oxygen not greater than 20 ppm,
- Hydrogen not greater than 2 ppm, and
- Nitrogen not greater than 60 ppm.

(b) Having cleanliness in accordance with ASTM E45 method A (Thin and Heavy): A not exceeding 1.0(t) and 0.5(h), B not exceeding 1.5(t) and 1.0(h), C not exceeding 1.0(t) and 0.5(h), and D not exceeding 1.5(t) and 1.0(h);

(c) Having the following mechanical properties: A Brinell hardness not less than 350 HBW measured in all parts of the product including mid thickness; and having a Yield Strength of 145ksi or more and UTS 160ksi or more, Elongation of 15% or more and Reduction of area 35% or more; having charpy V at -40 degrees F in the transverse direction equal or greater than 20 ft. lbs (single value) and equal or greater than 25 ft. lbs (average of 3 specimens);

(d) Conforming to ASTM A578-S9 ultrasonic testing requirements with acceptance criteria 3.2 mm flat bottom hole; and

(e) Conforming to magnetic particle inspection in accordance with AMS 2301.

The products subject to these orders are currently classified in the Harmonized Tariff Schedule of the United States (HTSUS) under item numbers: 7208.40.3030, 7208.40.3060, 7208.51.0030, 7208.51.0045, 7208.51.0060, 7208.52.0000, 7211.13.0000, 7211.14.0030, 7211.14.0045, 7225.40.1110, 7225.40.1180, 7225.40.3005, 7225.40.3050, 7226.20.0000, and 7226.91.5000.

The products subject to these orders may also enter under the following HTSUS item numbers: 7208.40.6060, 7208.53.0000, 7208.90.0000, 7210.70.3000, 7210.90.9000, 7211.19.1500, 7211.19.2000, 7211.19.4500, 7211.19.6000, 7211.19.7590, 7211.90.0000, 7212.40.1000, 7212.40.5000, 7212.50.0000, 7214.10.0000, 7214.30.0010, 7214.30.0080, 7214.91.0015, 7214.91.0060, 7214.91.0090, 7225.11.0000, 7225.19.0000, 7225.40.5110, 7225.40.5130, 7225.40.5160, 7225.40.7000, 7225.99.0010, 7225.99.0090, 7226.11.1000, 7226.11.9060, 7226.19.1000, 7226.19.9000, 7226.91.0500, 7226.91.1530, 7226.91.1560, 7226.91.2530, 7226.91.2560, 7226.91.7000, 7226.91.8000, and 7226.99.0180.

The HTSUS subheadings above are provided for convenience and customs purposes only. The written description of the scope of these orders is dispositive.

Appendix II

Scope of the Order for South Africa

The products covered by this order are certain carbon and alloy steel hot-rolled or forged flat plate products not in coils, whether or not painted, varnished, or coated with plastics or other non-metallic substances (cut-to-length plate). Subject merchandise includes plate that is produced by being cut-to-length from coils or from other discrete length plate and plate that is rolled or forged into a discrete length. The products covered include (1) Universal mill plates (*i.e.*, flat-rolled products rolled on four faces or in a closed box pass, of a width exceeding 150 mm but not exceeding 1250 mm, and of a thickness of not less than 4 mm, which are not in coils and without patterns in relief), and (2) hot-rolled or forged flat steel products of a thickness of 4.75 mm or more and of a width which exceeds 150 mm and measures at least twice the thickness, and which are not in coils, whether or not with patterns in relief. The covered products described above may be rectangular, square, circular or other shapes and include products of either rectangular or non-rectangular cross-section where such non-rectangular cross-section is achieved subsequent to the rolling process, *i.e.*, products which have been “worked after rolling”, (*e.g.*, products which have been beveled or rounded at the edges).

For purposes of the width and thickness requirements referenced above, the following rules apply:

(1) except where otherwise stated where the nominal and actual thickness or width measurements vary, a product from a given subject country is within the scope if application of either the nominal or actual measurement would place it within the scope based on the definitions set forth above; and

(2) where the width and thickness vary for a specific product (*e.g.*, the thickness of certain products with non-rectangular cross-section, the width of certain products with non-rectangular shape, etc.), the measurement at its greatest width or thickness applies.

Steel products included in the scope of this order are products in which: (1) iron predominates, by weight, over each of the other contained elements; and (2) the carbon content is 2 percent or less by weight.

Subject merchandise includes cut-to-length plate that has been further processed in the subject country or a third country, including but not limited to pickling, oiling, levelling, annealing, tempering, temper rolling, skin passing, painting, varnishing, trimming, cutting, punching, beveling, and/or slitting, or any other processing that would not otherwise remove the merchandise from the scope of this order if performed in the country of manufacture of the cut-to-length plate.

All products that meet the written physical description, are within the scope of this order unless specifically excluded or covered by the scope of an existing order. The following products are outside of, and/or specifically excluded from, the scope of this order:

- (1) products clad, plated, or coated with metal, whether or not painted, varnished or coated with plastic or other non-metallic substances;
- (2) military grade armor plate certified to one of the following specifications or to a specification that references and incorporates one of the following specifications:
 - MIL-A-12560,
 - MIL-DTL-12560H,
 - MIL-DTL-12560J,
 - MIL-DTL-12560K,
 - MIL-DTL-32332,
 - MIL-A-46100D,
 - MIL-DTL-46100-E,
 - MIL-46177C,
 - MIL-S-16216K Grade HY80,
 - MIL-S-16216K Grade HY100,
 - MIL-S-24645A HSLA-80;
 - MIL-S-24645A HSLA-100,
 - T9074-BD-GIB-010/0300 Grade HY80,
 - T9074-BD-GIB-010/0300 Grade HY100,
 - T9074-BD-GIB-010/0300 Grade HSLA80,
 - T9074-BD-GIB-010/0300 Grade HSLA100, and

- T9074-BD-GIB-010/0300 Mod. Grade HSLA115,

except that any cut-to-length plate certified to one of the above specifications, or to a military grade armor specification that references and incorporates one of the above specifications, will not be excluded from the scope if it is also dual- or multiple-certified to any other non-armor specification that otherwise would fall within the scope of this order;

- (3) stainless steel plate, containing 10.5 percent or more of chromium by weight and not more than 1.2 percent of carbon by weight;
- (4) CTL plate meeting the requirements of ASTM A-829, Grade E 4340 that are over 305 mm in actual thickness;
- (5) Alloy forged and rolled CTL plate greater than or equal to 152.4 mm in actual thickness meeting each of the following requirements:

(a) Electric furnace melted, ladle refined & vacuum degassed and having a chemical composition (expressed in weight percentages):

- Carbon 0.23-0.28,
- Silicon 0.05-0.20,
- Manganese 1.20-1.60,
- Nickel not greater than 1.0,
- Sulfur not greater than 0.007,
- Phosphorus not greater than 0.020,
- Chromium 1.0-2.5,
- Molybdenum 0.35-0.80,
- Boron 0.002-0.004,
- Oxygen not greater than 20 ppm,
- Hydrogen not greater than 2 ppm, and
- Nitrogen not greater than 60 ppm;

(b) With a Brinell hardness measured in all parts of the product including mid thickness falling within one of the following ranges:

(i) 270-300 HBW,

(ii) 290-320 HBW, or

(iii) 320-350HBW;

(c) Having cleanliness in accordance with ASTM E45 method A (Thin and Heavy): A not exceeding 1.5, B not exceeding 1.0, C not exceeding 0.5, D not exceeding 1.5; and

(d) Conforming to ASTM A578-S9 ultrasonic testing requirements with acceptance criteria 2 mm flat bottom hole;

(6) Alloy forged and rolled steel CTL plate over 407 mm in actual thickness and meeting the following requirements:

(a) Made from Electric Arc Furnace melted, Ladle refined & vacuum degassed, alloy steel with the following chemical composition (expressed in weight percentages):

- Carbon 0.23-0.28,
- Silicon 0.05-0.15,
- Manganese 1.20-1.50,
- Nickel not greater than 0.4,
- Sulfur not greater than 0.010,
- Phosphorus not greater than 0.020,
- Chromium 1.20-1.50,
- Molybdenum 0.35-0.55,
- Boron 0.002-0.004,
- Oxygen not greater than 20 ppm,
- Hydrogen not greater than 2 ppm, and

- Nitrogen not greater than 60 ppm;
- (b) Having cleanliness in accordance with ASTM E45 method A (Thin and Heavy): A not exceeding 1.5, B not exceeding 1.5, C not exceeding 1.0, D not exceeding 1.5;
- (c) Having the following mechanical properties:
- (i) With a Brinell hardness not more than 237 HBW measured in all parts of the product including mid thickness; and having a Yield Strength of 75ksi min and UTS 95ksi or more, Elongation of 18% or more and Reduction of area 35% or more; having charpy V at -75 degrees F in the longitudinal direction equal or greater than 15 ft. lbs (single value) and equal or greater than 20 ft. lbs (average of 3 specimens) and conforming to the requirements of NACE MR01-75; or
 - (ii) With a Brinell hardness not less than 240 HBW measured in all parts of the product including mid thickness; and having a Yield Strength of 90 ksi min and UTS 110 ksi or more, Elongation of 15% or more and Reduction of area 30% or more; having charpy V at -40 degrees F in the longitudinal direction equal or greater than 21 ft. lbs (single value) and equal or greater than 31 ft. lbs (average of 3 specimens);
- (d) Conforming to ASTM A578-S9 ultrasonic testing requirements with acceptance criteria 3.2 mm flat bottom hole; and
- (e) Conforming to magnetic particle inspection in accordance with AMS 2301;
- (7) Alloy forged and rolled steel CTL plate over 407 mm in actual thickness and meeting the following requirements:
- (a) Made from Electric Arc Furnace melted, ladle refined & vacuum degassed, alloy steel with the following chemical composition (expressed in weight percentages):
 - Carbon 0.25-0.30,
 - Silicon not greater than 0.25,
 - Manganese not greater than 0.50,
 - Nickel 3.0-3.5,

- Sulfur not greater than 0.010,
- Phosphorus not greater than 0.020,
- Chromium 1.0-1.5,
- Molybdenum 0.6-0.9,
- Vanadium 0.08 to 0.12
- Boron 0.002-0.004,
- Oxygen not greater than 20 ppm,
- Hydrogen not greater than 2 ppm, and
- Nitrogen not greater than 60 ppm.

(b) Having cleanliness in accordance with ASTM E45 method A (Thin and Heavy): A not exceeding 1.0(t) and 0.5(h), B not exceeding 1.5(t) and 1.0(h), C not exceeding 1.0(t) and 0.5(h), and D not exceeding 1.5(t) and 1.0(h);

(c) Having the following mechanical properties: A Brinell hardness not less than 350 HBW measured in all parts of the product including mid thickness; and having a Yield Strength of 145ksi or more and UTS 160ksi or more, Elongation of 15% or more and Reduction of area 35% or more; having charpy V at -40 degrees F in the transverse direction equal or greater than 20 ft. lbs (single value) and equal or greater than 25 ft. lbs (average of 3 specimens);

(d) Conforming to ASTM A578-S9 ultrasonic testing requirements with acceptance criteria 3.2 mm flat bottom hole; and

(e) Conforming to magnetic particle inspection in accordance with AMS 2301.

The products subject to this order are currently classified in the Harmonized Tariff Schedule of the United States (HTSUS) under item numbers: 7208.40.3030, 7208.40.3060, 7208.51.0030, 7208.51.0045, 7208.51.0060, 7208.52.0000, 7211.13.0000, 7211.14.0030, 7211.14.0045, 7225.40.1110, 7225.40.1180, 7225.40.3005, 7225.40.3050, 7226.20.0000, and 7226.91.5000.

The products subject to this order may also enter under the following HTSUS item numbers: 7208.40.6060, 7208.53.0000, 7208.90.0000, 7210.70.3000, 7210.90.9000, 7211.19.1500, 7211.19.2000, 7211.19.4500, 7211.19.6000, 7211.19.7590, 7211.90.0000, 7212.40.1000, 7212.40.5000, 7212.50.0000, 7214.10.0000, 7214.30.0010, 7214.30.0080, 7214.91.0015, 7214.91.0060, 7214.91.0090, 7225.11.0000, 7225.19.0000, 7225.40.5110, 7225.40.5130, 7225.40.5160, 7225.40.7000, 7225.99.0010, 7225.99.0090, 7226.11.1000, 7226.11.9060, 7226.19.1000, 7226.19.9000, 7226.91.0500, 7226.91.1530, 7226.91.1560, 7226.91.2530, 7226.91.2560, 7226.91.7000, 7226.91.8000, and 7226.99.0180.

The HTSUS subheadings above are provided for convenience and customs purposes only. The written description of the scope of this order is dispositive.

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