

**HORSTMAN CANADA**  
**SUPPLIER QUALITY ASSURANCE REQUIREMENTS**  
**SQAR No. 33**

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The requirement outlined below, as specified on this purchase order and subsequent amendments, forms in integral part of the purchase order between Horstman Canada Inc. and the seller. The requirement shall remain in force for the duration of this purchase order only, unless deviation is authorized in writing by Horstman Canada.

**Restrictions and Preferences for the Procurement of Specialty Metals**

US Congress has enacted a law governing the acquisition of specialty metals by the Department of Defense (“DoD”), *see* Section 842 of the John Warner National Defense Authorization Act for Fiscal Year 2007 (“FY07 NDAA”).

- Federal laws and regulations restrict the source of specialty metals included in items delivered under contracts with the Department of Defense (DoD) per DFARS 252.225-7009
- Specialty metals include certain steels, including most stainless steels, and other metal alloys.
- Subject to certain exceptions, specialty metals contained in items delivered to DoD must have been melted or produced in the United States, its outlying areas or a qualifying country, *see* DFARS 225.003
- This document provides (i) basic information about the DoD specialty metals source requirements.
- Horstman Canada provides this information as a convenience to its suppliers and subcontractors to assist them in complying with their contractual requirements to Horstman Canada regarding the source of specialty metals included in items that they supply. While Horstman Canada believes this information is accurate, our suppliers and subcontractors bear the ultimate responsibility (i) for reviewing all relevant documents and (ii) for complying with the DoD specialty metals source requirements. Website links to DFARS and documents are provided the bottom of this SQAR and the DFARS are copied below the links.

**Specialty Metals Requirements**

Horstman Canada and all of its suppliers, at every tier, are prohibited from incorporating specialty metals into military parts, components and/or end item deliverables unless the specialty metals have been melted or produced in the United States, its outlying areas, or a qualifying country.

All Horstman Canada suppliers will be expected to comply with all specialty metals requirements flowed down by the Purchase order. In demonstrating compliance, suppliers will need to provide Horstman Canada with MTR (material test reports) documents with every shipment.

Horstman Canada suppliers and subcontractors are required to flow this requirement down to their suppliers and subcontractors with instructions that they must flow the clause down to their suppliers and subcontractors.

Direct links have been provided below.

Copies of these documents may be accessed at the DFARS web site here:

<https://www.acquisition.gov/dfars/252.225-7009-restriction-onacquisition-certain-articles-containing-specialty-metals>.  
[https://www.acquisition.gov/dfars/225.003-definitions.#DFARS\\_225.003](https://www.acquisition.gov/dfars/225.003-definitions.#DFARS_225.003)

**Exceptions:**

[https://www.acquisition.gov/dfars/225.7003-3-exceptions.#DFARS\\_225.7003-3](https://www.acquisition.gov/dfars/225.7003-3-exceptions.#DFARS_225.7003-3)

DFARS are copied below for your convenience. They were from:

<https://www.acquisition.gov/>

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**252.225-7009 Restriction on Acquisition of Certain Articles Containing Specialty Metals.**

As prescribed in [225.7003-5\(a\)\(2\)](#), use the following clause:

RESTRICTION ON ACQUISITION OF CERTAIN ARTICLES CONTAINING SPECIALTY METALS (JAN 2023)

(a) *Definitions.* As used in this clause -

“Alloy” means a metal consisting of a mixture of a basic metallic element and one or more metallic, or non-metallic, alloying elements.

(i) For alloys named by a single metallic element (e.g., titanium alloy), it means that the alloy contains 50 percent or more of the named metal (by mass).

(ii) If two metals are specified in the name (e.g., nickel-iron alloy), those metals are the two predominant elements in the alloy, and together they constitute 50 percent or more of the alloy (by mass).

“Assembly” means an item forming a portion of a system or subsystem that—

(i) Can be provisioned and replaced as an entity; and

(ii) Incorporates multiple, replaceable parts.

“Commercial derivative military article” means an item acquired by the Department of Defense that is or will be produced using the same production facilities, a common supply chain, and the same or similar production processes that are used for the production of articles predominantly used by the general public or by nongovernmental entities for purposes other than governmental purposes.

“Commercially available off-the-shelf item”—

(i) Means any item of supply that is -

(A) A commercial product (as defined in paragraph (1) of the definition of “commercial product” in section 2.101 of the Federal Acquisition Regulation);

(B) Sold in substantial quantities in the commercial marketplace; and

(C) Offered to the Government, under this contract or a subcontract at any tier, without modification, in the same form in which it is sold in the commercial marketplace; and

(ii) Does not include bulk cargo, as defined in 46 U.S.C. 40102(4), such as agricultural products and petroleum products.

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“Component” means any item supplied to the Government as part of an end item or of another component.

“Electronic component” means an item that operates by controlling the flow of electrons or other electrically charged particles in circuits, using interconnections of electrical devices such as resistors, inductors, capacitors, diodes, switches, transistors, or integrated circuits. The term does not include structural or mechanical parts of an assembly containing an electronic component, and does not include any high performance magnets that may be used in the electronic component.

“End item” means the final production product when assembled or completed and ready for delivery under a line item of this contract.

“High performance magnet” means a permanent magnet that obtains a majority of its magnetic properties from rare earth metals (such as samarium).

“Produce” means—

- (i) Atomization;
- (ii) Sputtering; or
- (iii) Final consolidation of non-melt derived metal powders.

“Qualifying country” means any country listed in the definition of “Qualifying country” at [225.003](#) of the Defense Federal Acquisition Regulation Supplement (DFARS).

“Specialty metal” means—

- (i) Steel—

(A) With a maximum alloy content exceeding one or more of the following limits: manganese, 1.65 percent; silicon, 0.60 percent; or copper, 0.60 percent; or

(B) Containing more than 0.25 percent of any of the following elements: aluminum, chromium, cobalt, molybdenum, nickel, niobium (columbium), titanium, tungsten, or vanadium;

- (ii) Metal alloys consisting of—

(A) Nickel or iron-nickel alloys that contain a total of alloying metals other than nickel and iron in excess of 10 percent; or

(B) Cobalt alloys that contain a total of alloying metals other than cobalt and iron in excess of 10 percent;

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(iii) Titanium and titanium alloys; or

(iv) Zirconium and zirconium alloys.

“Steel” means an iron alloy that includes between .02 and 2 percent carbon and may include other elements.

“Subsystem” means a functional grouping of items that combine to perform a major function within an end item, such as electrical power, attitude control, and propulsion.

(b) *Restriction.* Except as provided in paragraph (c) of this clause, any specialty metals incorporated in items delivered under this contract shall be melted or produced in the United States, its outlying areas, or a qualifying country.

(c) *Exceptions.* The restriction in paragraph (b) of this clause does not apply to—

(1) Electronic components.

(2)(i) Commercially available off-the-shelf (COTS) items, other than—

(A) Specialty metal mill products, such as bar, billet, slab, wire, plate, or sheet, that have not been incorporated into COTS end items, subsystems, assemblies, or components;

(B) Forgings or castings of specialty metals, unless the forgings or castings are incorporated into COTS end items, subsystems, or assemblies;

(C) Commercially available high performance magnets that contain specialty metal, unless such high performance magnets are incorporated into COTS end items or subsystems; and

(D) COTS fasteners, unless—

(1) The fasteners are incorporated into COTS end items, subsystems, assemblies, or components; or

(2) The fasteners qualify for the commercial item exception in paragraph (c)(3) of this clause.

(ii) A COTS item is considered to be “without modification” if it is not modified prior to contractual acceptance by the next higher tier in the supply chain.

(A) Specialty metals in a COTS item that was accepted without modification by the next higher tier are excepted from the restriction in paragraph (b) of this clause, and remain excepted, even if a piece of the COTS item subsequently is removed (e.g., the end is removed from a COTS screw or an extra hole is drilled in a COTS bracket).

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(B) Specialty metals that were not contained in a COTS item upon acceptance, but are added to the COTS item after acceptance, are subject to the restriction in paragraph (b) of this clause (e.g., a special reinforced handle made of specialty metal is added to a COTS item).

(C) If two or more COTS items are combined in such a way that the resultant item is not a COTS item, only the specialty metals involved in joining the COTS items together are subject to the restriction in paragraph (b) of this clause (e.g., a COTS aircraft is outfitted with a COTS engine that is not the COTS engine normally provided with the aircraft).

(D) For COTS items that are normally sold in the commercial marketplace with various options, items that include such options are also COTS items. However, if a COTS item is offered to the Government with an option that is not normally offered in the commercial marketplace, that option is subject to the restriction in paragraph (b) of this clause (e.g. - An aircraft is normally sold to the public with an option for installation kits. The Department of Defense requests a military-unique kit. The aircraft is still a COTS item, but the military-unique kit is not a COTS item and must comply with the restriction in paragraph (b) of this clause unless another exception applies).

(3) Fasteners that are commercial products, if the manufacturer of the fasteners certifies it will purchase, during the relevant calendar year, an amount of domestically melted or produced specialty metal, in the required form, for use in the production of fasteners for sale to the Department of Defense and other customers, that is not less than 50 percent of the total amount of the specialty metal that it will purchase to carry out the production of such fasteners for all customers.

(4) Items manufactured in a qualifying country.

(5) Specialty metals for which the Government has determined in accordance with DFARS [225.7003-3](#) that specialty metal melted or produced in the United States, its outlying areas, or a qualifying country cannot be acquired as and when needed in—

(i) A satisfactory quality;

(ii) A sufficient quantity; and

(iii) The required form. In accordance with 10 U.S.C. 4863(m)(4), the term “required form” in this clause refers to the form of the mill product, such as bar, billet, wire, slab, plate, or sheet, in the grade appropriate for the production of a finished end item to be delivered to the Government under this contract; or a finished component assembled into an end item to be delivered to the Government under this contract.

(6) End items containing a minimal amount of otherwise noncompliant specialty metals (i.e., specialty metals not melted or produced in the United States, an outlying area, or a qualifying country, that are not covered by one of the other exceptions in this paragraph (c)), if the total weight of such noncompliant metals does not exceed 2 percent of the total weight of all specialty metals in the end item, as estimated in good faith by the Contractor. This exception does not apply to high performance magnets containing specialty metals.

(d) *Compliance for commercial derivative military articles.*

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(1) As an alternative to the compliance required in paragraph (b) of this clause, the Contractor may purchase an amount of domestically melted or produced specialty metals in the required form, for use during the period of contract performance in the production of the commercial derivative military article and the related commercial article, if—

(i) The Contracting Officer has notified the Contractor of the items to be delivered under this contract that have been determined by the Government to meet the definition of “commercial derivative military article”; and

(ii) For each item that has been determined by the Government to meet the definition of “commercial derivative military article,” the Contractor has certified, as specified in the provision of the solicitation entitled “Commercial Derivative Military Article—Specialty Metals Compliance Certificate” (DFARS [252.225-7010](#)), that the Contractor and its subcontractor(s) will enter into a contractual agreement or agreements to purchase an amount of domestically melted or produced specialty metal in the required form, for use during the period of contract performance in the production of each commercial derivative military article and the related commercial article, that is not less than the Contractor’s good faith estimate of the greater of—

(A) An amount equivalent to 120 percent of the amount of specialty metal that is required to carry out the production of the commercial derivative military article (including the work performed under each subcontract); or

(B) An amount equivalent to 50 percent of the amount of specialty metal that will be purchased by the Contractor and its subcontractors for use during such period in the production of the commercial derivative military article and the related commercial article.

(2) For the purposes of this alternative, the amount of specialty metal that is required to carry out production of the commercial derivative military article includes specialty metal contained in any item, including COTS items.

*(e) Subcontracts.*

(1) The Contractor shall exclude and reserve paragraph (d) and this paragraph (e)(1) when flowing down this clause to subcontracts.

(2) The Contractor shall insert paragraphs (a) through (c) and this paragraph (e)(2) of this clause in subcontracts, including subcontracts for commercial products, that are for items containing specialty metals to ensure compliance of the end products that the Contractor will deliver to the Government. When inserting this clause in subcontracts, the Contractor shall—

(i) Modify paragraph (c)(6) of this clause only as necessary to facilitate management of the minimal content exception at the prime contract level. The minimal content exception does not apply to specialty metals contained in high-performance magnets; and

(ii) Not further alter the clause other than to identify the appropriate parties.

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**252.225-7008 Restriction on Acquisition of Specialty Metals.**

As prescribed in [225.7003-5](#) (a)(1), use the following clause:

RESTRICTION ON ACQUISITION OF SPECIALTY METALS (MAR 2013)

(a) *Definitions.* As used in this clause—

“Alloy” means a metal consisting of a mixture of a basic metallic element and one or more metallic, or non-metallic, alloying elements.

(i) For alloys named by a single metallic element (e.g., titanium alloy), it means that the alloy contains 50 percent or more of the named metal (by mass).

(ii) If two metals are specified in the name (e.g., nickel-iron alloy), those metals are the two predominant elements in the alloy, and together they constitute 50 percent or more of the alloy (by mass).

“Produce” means—

- (i) Atomization;
- (ii) Sputtering; or
- (iii) Final consolidation of non-melt derived metal powders.

“Specialty metal” means—

(i) Steel—

(A) With a maximum alloy content exceeding one or more of the following limits: manganese, 1.65 percent; silicon, 0.60 percent; or copper, 0.60 percent; or

(B) Containing more than 0.25 percent of any of the following elements: aluminum, chromium, cobalt, molybdenum, nickel, niobium (columbium), titanium, tungsten, or vanadium;

(ii) Metal alloys consisting of—

(A) Nickel or iron-nickel alloys that contain a total of alloying metals other than nickel and iron in excess of 10 percent; or

(B) Cobalt alloys that contain a total of alloying metals other than cobalt and iron in excess of 10 percent;

(iii) Titanium and titanium alloys; or

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(iv) Zirconium and zirconium alloys.

“Steel” means an iron alloy that includes between .02 and 2 percent carbon and may include other elements.

(b) Any specialty metal delivered under this contract shall be melted or produced in the United States or its outlying areas.

(End of clause)

**225.003 Definitions.**

As used in this part—

“600 series of the Commerce Control List” means the series of 5-character export control classification numbers (ECCNs) of the Commerce Control List of the Export Administration Regulations in 15 CFR part 774, supplement No. 1., that have a “6” as the third character. The 600 series constitutes the munitions and munitions-related ECCNs within the larger Commerce Control List. (See definition of “600 series” in 15 CFR 772.)

“Caribbean Basin country end product” includes petroleum or any product derived from petroleum.

“Communist Chinese military company” means any entity, regardless of geographic location, that is—

(1) A part of the commercial or defense industrial base of the People’s Republic of China (including a subsidiary or affiliate of such entity); or

(2) Owned or controlled by, or affiliated with, an element of the Government or armed forces of the People’s Republic of China.

“Defense equipment” means any equipment, item of supply, component, or end product purchased by DoD.

“Domestic concern” means—

(1) A concern incorporated in the United States (including a subsidiary that is incorporated in the United States, even if the parent corporation is a foreign concern); or

(2) An unincorporated concern having its principal place of business in the United States.

“Domestic end product” means—

(1) For an end product that does not consist wholly or predominantly of iron or steel or a combination of both—

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(i) An unmanufactured end product mined or produced in the United States; or (ii) An end product manufactured in the United States if—

(A) The cost of its qualifying country components and its components that are mined, produced, or manufactured in the United States exceeds 55 percent of the cost of all its components. The cost of components includes transportation costs to the place of incorporation into the end product and U.S. duty (whether or not a duty-free entry certificate is issued). Components of unknown origin are treated as foreign. Scrap generated, collected, and prepared for processing in the United States is considered domestic. A component is considered to have been mined, produced, or manufactured in the United States (regardless of its source in fact) if the end product in which it is incorporated is manufactured in the United States and the component is of a class or kind for which the Government has determined that—

(1) Sufficient and reasonably available commercial quantities of a satisfactory quality are not mined, produced, or manufactured in the United States; or

(2) It is inconsistent with the public interest to apply the restrictions of the Buy American statute; or

(B) The end product is a commercially available off-the-shelf (COTS) item; or

(2) For an end product that consists wholly or predominantly of iron or steel or a combination of both, an end product manufactured in the United States, if the cost of iron and steel not produced in the United States or a qualifying country constitutes less than 5 percent of the cost of all the components used in the end product (produced in the United States or a qualifying country means that all manufacturing processes of the iron or steel must take place in the United States or a qualifying country, except metallurgical processes involving refinement of steel additives). The cost of iron and steel not produced in the United States or a qualifying country includes but is not limited to the cost of iron or steel mill products (such as bar, billet, slab, wire, plate, or sheet), castings, or forgings, not produced in the United States or a qualifying country, utilized in the manufacture of the end product and a good faith estimate of the cost of all iron or steel components not produced in the United States or a qualifying country, excluding COTS fasteners. Iron or steel components of unknown origin are treated as foreign. If the end product contains multiple components, the cost of all the materials used in such end product is calculated in accordance with the explanation of cost of components in paragraph (1)(ii)(A) of this definition.

“Eligible product” means, instead of the definition in FAR 25.003—

(1) A foreign end product that—

(i) Is in a category listed in [225.401-70](#) ; and

(ii) Is not subject to discriminatory treatment, due to the applicability of a trade agreement to a particular acquisition;

(2) A foreign construction material that is not subject to discriminatory treatment, due to the applicability of a trade agreement to a particular acquisition; or

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(3) A foreign service that is not subject to discriminatory treatment, due to the applicability of a trade agreement to a particular acquisition.

“Foreign concern” means any concern other than a domestic concern.

“Free Trade Agreement country” does not include Oman.

“Nonqualifying country” means a country other than the United States or a qualifying country.

“Nonqualifying country component” means a component mined, produced, or manufactured in a nonqualifying country.

“Qualifying country” means a country with a reciprocal defense procurement memorandum of understanding or international agreement with the United States in which both countries agree to remove barriers to purchases of supplies produced in the other country or services performed by sources of the other country, and the memorandum or agreement complies, where applicable, with the requirements of section 36 of the Arms Export Control Act (22 U.S.C. 2776) and with 10 U.S.C. 2457. Accordingly, the following are qualifying countries:

Australia

Austria

Belgium

Canada

Czech Republic

Denmark

Egypt

Estonia

Finland

France

Germany

Greece

Israel

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Italy

Japan

Latvia

Lithuania

Luxembourg

Netherlands

Norway

Poland

Portugal

Slovenia

Spain

Sweden

Switzerland

Turkey

United Kingdom of Great Britain and Northern Ireland.

“Qualifying country component” means a component mined, produced, or manufactured in a qualifying country.

“Qualifying country end product” means—

(1) An unmanufactured end product mined or produced in a qualifying country; or

(2) An end product manufactured in a qualifying country if—

(i) The cost of the following types of components exceeds 50 percent of the cost of all its components:

(A) Components mined, produced, or manufactured in a qualifying country.

(B) Components mined, produced, or manufactured in the United States.

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(C) Components of foreign origin of a class or kind for which the Government has determined that sufficient and reasonably available commercial quantities of a satisfactory quality are not mined, produced, or manufactured in the United States. Components of unknown origin are treated as foreign; or

(ii) The end product is a COTS item.

“Qualifying country offer” means an offer of a qualifying country end product, including the price of transportation to destination.

“Source,” when restricted by words such as foreign, domestic, or qualifying country, means the actual manufacturer or producer of the end product or component.

“South Caucasus/Central and South Asian (SC/CASA) state” means Armenia, Azerbaijan, Georgia, Kazakhstan, Kyrgyzstan, Pakistan, Tajikistan, Turkmenistan, or Uzbekistan.

“South Caucasus/Central and South Asian (SC/CASA) state construction material” means construction material that—

(1) Is wholly the growth, product, or manufacture of an SC/CASA state; or

(2) In the case of a construction material that consists in whole or in part of materials from another country, has been substantially transformed in an SC/CASA state into a new and different construction material distinct from the material from which it was transformed.

“South Caucasus/Central and South Asian (SC/CASA) state end product” means an article that—

(1) Is wholly the growth, product, or manufacture of an SC/CASA state; or

(2) In the case of an article that consists in whole or in part of materials from another country, has been substantially transformed in an SC/CASA state into a new and different article of commerce with a name, character, or use distinct from that of the article or articles from which it was transformed. The term refers to a product offered for purchase under a supply contract, but for purposes of calculating the value of the end product, includes services (except transportation services) incidental to its supply, provided that the value of those incidental services does not exceed the value of the product itself.

“United States Munitions List” means the munitions list of the International Traffic in Arms Regulation in 22 CFR part 121.

(End of clause)

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