

Section XVI

**Machinery and mechanical appliances; electrical equipment; parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles**

NOTES—

1. This Section does not cover:
  - (a) Transmission or conveyor belts or belting, of plastics of Chapter 39, or of vulcanised rubber (heading 40.10); or other articles of a kind used in machinery or mechanical or electrical appliances or for other technical uses, of vulcanised rubber other than hard rubber (heading 40.16);
  - (b) Articles of leather or of composition leather (heading 42.05) or of furskin (heading 43.03), of a kind used in machinery or mechanical appliances or for other technical uses;
  - (c) Bobbins, spools, cops, cones, cores, reels or similar supports, of any material (for example, Chapter 39, 40, 44 or 48 or Section XV);
  - (d) Perforated cards for Jacquard or similar machines (for example, Chapter 39 or 48 or Section XV);
  - (e) Transmission or conveyor belts and belting of textile material (heading 59.10) or other articles of textile material for technical uses (heading 59.11);
  - (f) Precious or semi-precious stones (natural, synthetic or reconstructed) of headings 71.02 to 71.04, or articles wholly of such stones of heading 71.16, except unmounted worked sapphires and diamonds for styli (heading 85.22);
  - (g) Parts of general use, as defined in Note 2 to Section XV, of base metal (Section XV), or similar goods of plastics (Chapter 39);
  - (h) Drill pipe (heading 73.04);
  - (i) Endless belts of metal wire or strip (Section XV);
  - (k) Articles of Chapter 82 or 83;
  - (l) Articles of Section XVII;
  - (m) Articles of Chapter 90;
  - (n) Clocks, watches or other articles of Chapter 91;
  - (o) Interchangeable tools of heading 82.07 or brushes of a kind used as parts of machines (heading 96.03); similar interchangeable tools are to be classified according to the constituent material of their working part (for example, in Chapter 40, 42, 43, 45 or 59 or heading 68.04 or 69.09);
  - (p) Articles of Chapter 95; or
  - (q) Typewriter or similar ribbons, whether or not on spools or in cartridges (classified according to their constituent material, or in heading 96.12 if inked or otherwise prepared for giving impressions).
2. Subject to Note 1 to this Section, Note 1 to Chapter 84 and to Note 1 to Chapter 85, parts of machines (not being parts of the articles of heading 84.84, 85.44, 85.45, 85.46 or 85.47) are to be classified according to the following rules:
  - (a) Parts which are goods included in any of the headings of Chapter 84 or 85 (other than headings 84.09, 84.31, 84.48, 84.66, 84.73, 84.87, 85.03, 85.22, 85.29, 85.38 and 85.48) are in all cases to be classified in their respective headings;
  - (b) Other parts, if suitable for use solely or principally with a particular kind of machine, or with a number of machines of the same heading (including a machine of heading 84.79 or 85.43) are to be classified with the machines of that kind or in heading 84.09, 84.31, 84.48, 84.66, 84.73, 85.03, 85.22, 85.29 or 85.38 as appropriate. However, parts which are equally suitable for use principally with the goods of headings 85.17 and 85.25 to 85.28 are to be classified in heading 85.17;
  - (c) All other parts are to be classified in heading 84.09, 84.31, 84.48, 84.66, 84.73, 85.03, 85.22, 85.29 or 85.38 as appropriate or, failing that, in heading 84.87 or 85.48.
3. Unless the context otherwise requires, composite machines consisting of two or more machines fitted together to form a whole and other machines designed for the purpose of performing two or more complementary or alternative functions are to be classified as if consisting only of that component or as being that machine which performs the principal function.
4. Where a machine (including a combination of machines) consists of individual components (whether separate or interconnected by piping, by transmission devices, by electric cables or by other devices) intended to contribute together to a clearly defined function covered by one of the headings in Chapter 84 or Chapter 85, then the whole falls to be classified in the heading appropriate to that function.
5. For the purposes of these Notes, the expression “machine” means any machine, machinery, plant, equipment, apparatus or appliance cited in the headings of Chapter 84 or 85.

NEW ZEALAND NOTES—

1. For the purposes of Note 2(a) to this Section, “respective headings” does not include headings in which goods are classifiable as parts.
2. For the purposes of Note 2(b) to this Section, “with the machines of that kind” means in the same heading as those machines unless there is a separate heading for parts of or for those machines (not being 84.85 or 85.48).
3. “Accessories” in 84.48, 84.66, 84.73, or 85.22 does not apply to goods which are otherwise described in any of the headings of Chapters 84 and 85.

**Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof**

NOTES—

1. This Chapter does not cover:

- (a) Millstones, grindstones or other articles of Chapter 68;
- (b) Machinery or appliances (for example, pumps) of ceramic material and ceramic parts of machinery or appliances of any material (Chapter 69);
- (c) Laboratory glassware (heading 70.17); machinery, appliances or other articles for technical uses or parts thereof, of glass (heading 70.19 or 70.20);
- (d) Articles of heading 73.21 or 73.22 or similar articles of other base metals (Chapters 74 to 76 or 78 to 81);
- (e) Vacuum cleaners of heading 85.08;
- (f) Electro-mechanical domestic appliances of heading 85.09; digital cameras of heading 85.25; or
- (g) Hand-operated mechanical floor sweepers, not motorised (heading 96.03).

2. Subject to the operation of Note 3 to Section XVI and subject to Note 9 to this Chapter, a machine or appliance which answers to a description in one or more of the headings 84.01 to 84.24, or heading 84.86 and at the same time to a description in one or other of the headings 84.25 to 84.80 is to be classified under the appropriate heading of the former group or under heading 84.86, as the case may be, and not the latter group.

Heading 84.19 does not, however, cover:

- (a) Germination plant, incubators or brooders (heading 84.36);
- (b) Grain dampening machines (heading 84.37);
- (c) Diffusing apparatus for sugar juice extraction (heading 84.38);
- (d) Machinery for the heat-treatment of textile yarns, fabrics or made up textile articles (heading 84.51); or
- (e) Machinery or plant, designed for mechanical operation, in which a change of temperature, even if necessary, is subsidiary.

Heading 84.22 does not cover:

- (a) Sewing machines for closing bags or similar containers (heading 84.52); or
- (b) Office machinery of heading 84.72.

Heading 84.24 does not cover:

Ink-jet printing machines (heading 84.43).

3. A machine-tool for working any material which answers to a description in heading 84.56 and at the same time to a description in heading 84.57, 84.58, 84.59, 84.60, 84.61, 84.64 or 84.65 is to be classified in heading 84.56.

4. Heading 84.57 applies only to machine-tools for working metal, other than lathes (including turning centres), which can carry out different types of machining operations either:

- (a) by automatic tool change from a magazine or the like in conformity with a machining programme (machining centres),
- (b) by the automatic use, simultaneously or sequentially, of different unit heads working on a fixed position workpiece (unit construction machines, single station), or
- (c) by the automatic transfer of the workpiece to different unit heads (multi-station transfer machines).

5. (A) For the purposes of heading 84.71, the expression “automatic data processing machines” means machines capable of:

- (i) Storing the processing program or programs and at least the data immediately necessary for the execution of the program;
- (ii) Being freely programmed in accordance with the requirements of the user;
- (iii) Performing arithmetical computations specified by the user; and
- (iv) Executing, without human intervention, a processing program which requires them to modify their execution, by logical decision during the processing run.

(B) Automatic data processing machines may be in the form of systems consisting of a variable number of separate units.

(C) Subject to paragraphs (D) and (E) below, a unit is to be regarded as being part of an automatic data processing system if it meets all of the following conditions:

- (i) It is of a kind solely or principally used in an automatic data processing system;
- (ii) It is connectable to the central processing unit either directly or through one or more other units; and
- (iii) It is able to accept or deliver data in a form (codes or signals) which can be used by the system.

Separately presented units of an automatic data processing machine are to be classified in heading 84.71.

However, keyboards, X-Y co-ordinate input devices and disk storage units which satisfy the conditions of paragraphs (C) (ii) and (C) (iii) above, are in all cases to be classified as units of heading 84.71.

(D) Heading 84.71 does not cover the following when presented separately, even if they meet all of the conditions set forth in Note 5 (C) above:

- (i) Printers, copying machines, facsimile machines, whether or not combined;
- (ii) Apparatus for the transmission or reception of voice, images or other data, including apparatus for communication in a wired or wireless network (such as a local or wide area network);
- (iii) Loudspeakers and microphones;
- (iv) Television cameras, digital cameras and video camera recorders;
- (v) Monitors and projectors, not incorporating television reception apparatus.

(E) Machines incorporating or working in conjunction with an automatic data processing machine and performing a specific function other than data processing are to be classified in the headings appropriate to their respective functions or, failing that, in residual headings.

Chapter 84—*continued*

**Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—*continued***

6. Heading 84.82 applies, *inter alia*, to polished steel balls, the maximum and minimum diameters of which do not differ from the nominal diameter by more than 1 % or by more than 0.05 mm, whichever is less. Other steel balls are to be classified in heading 73.26.

7. A machine which is used for more than one purpose is, for the purposes of classification, to be treated as if its principal purpose were its sole purpose.

Subject to Note 2 to this Chapter and Note 3 to Section XVI, a machine the principal purpose of which is not described in any heading or for which no one purpose is the principal purpose is, unless the context otherwise requires, to be classified in heading 84.79. Heading 84.79 also covers machines for making rope or cable (for example, stranding, twisting or cabling machines) from metal wire, textile yarn or any other material or from a combination of such materials.

8. For the purposes of heading 84.70, the term “pocket-size” applies only to machines the dimensions of which do not exceed 170 mm x 100 mm x 45 mm.

9. (A) Notes 8 (a) and 8 (b) to Chapter 85 also apply with respect to the expressions “semiconductor devices” and “electronic integrated circuits”, respectively, as used in this Note and in heading 84.86. However, for the purposes of this Note and of heading 84.86, the expression “semiconductor devices” also covers photosensitive semiconductor devices and light emitting diodes.

(B) For the purposes of this Note and of heading 84.86, the expression “manufacture of flat panel displays” covers the fabrication of substrates into a flat panel. It does not cover the manufacture of glass or the assembly of printed circuit boards or other electronic components onto the flat panel. The expression “flat panel display” does not cover cathode-ray tube technology.

(C) Heading 84.86 also includes machines and apparatus solely or principally of a kind used for:

- (i) the manufacture or repair of masks and reticles;
- (ii) assembling semiconductor devices or electronic integrated circuits; and
- (iii) lifting, handling, loading or unloading of boules, wafers, semiconductor devices, electronic integrated circuits and flat panel displays.

(D) Subject to Note 1 to Section XVI and Note 1 to Chapter 84, machines and apparatus answering to the description in heading 84.86 are to be classified in that heading and in no other heading of the Nomenclature.

SUBHEADING NOTES—

1. For the purposes of subheading 8471.49, the term “systems” means automatic data processing machines whose units satisfy the conditions laid down in Note 5 (B) to Chapter 84 and which comprise at least a central processing unit, one input unit (for example, a keyboard or a scanner), and one output unit (for example, a visual display unit or a printer).

2. Subheading 8482.40 applies only to bearings with cylindrical rollers of a uniform diameter not exceeding 5 mm and having a length which is at least three times the diameter. The ends of the rollers may be rounded.

\* \* \*



## Chapter 84—continued

## Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>84.01</b>			<b>Nuclear reactors; fuel elements (cartridges), non-irradiated, for nuclear reactors; machinery and apparatus for isotopic separation:</b>		
8401.10.00	00B	..	– Nuclear reactors	Free	Free
8401.20.00	00F	..	– Machinery and apparatus for isotopic separation, and parts thereof	Free	Free
8401.30.00	00K	..	– Fuel elements (cartridges), non-irradiated	Free	Free
8401.40.00	00C	..	– Parts of nuclear reactors	Free	Free
<b>84.02</b>			<b>Steam or other vapour generating boilers (other than central heating hot water boilers capable also of producing low pressure steam); super-heated water boilers:</b>		
			– Steam or other vapour generating boilers:		
8402.11.00	00E	kg	-- Watertube boilers with a steam production exceeding 45 t per hour	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8402.12.00	00K	kg	-- Watertube boilers with a steam production not exceeding 45 t per hour	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8402.19.00	00A	kg	-- Other vapour generating boilers, including hybrid boilers	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8402.20.00	00D	..	– Super-heated water boilers	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8402.90.00	00K	..	– Parts	5	AAN 1/2010 Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
<b>84.03</b>			<b>Central heating boilers other than those of heading 84.02:</b>		
8403.10.00	00J	kg	– Boilers	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8403.90.00	00H	kg	– Parts	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

**Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>84.04</b>			<b>Auxiliary plant for use with boilers of heading 84.02 or 84.03 (for example, economisers, super-heaters, soot removers, gas recoverers); condensers for steam or other vapour power units:</b>		
8404.10.00	00G	kg	– Auxiliary plant for use with boilers of heading 84.02 or 84.03	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8404.20.00	00L	kg	– Condensers for steam or other vapour power units	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8404.90.00	00F	..	– Parts	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
<b>84.05</b>			<b>Producer gas or water gas generators, with or without their purifiers; acetylene gas generators and similar water process gas generators, with or without their purifiers:</b>		
8405.10.00	00E	..	– Producer gas or water gas generators, with or without their purifiers; acetylene gas generators and similar water process gas generators, with or without their purifiers	5	AAN Free CA Free CN Free LDC 4 TH Free TPA Free
8405.90.00	00D	..	– Parts	5	AAN Free CA Free CN Free LDC 4 TH Free TPA Free
<b>84.06</b>			<b>Steam turbines and other vapour turbines:</b>		
8406.10.00	00C	kg	– Turbines for marine propulsion	Free	Free
			– Other turbines:		
8406.81.00	00C	kg	– – Of an output exceeding 40 MW	Free	Free
8406.82.00	00H	kg	– – Of an output not exceeding 40 MW	Free	Free
8406.90.00	00B	..	– Parts	Free	Free
<b>84.07</b>			<b>Spark-ignition reciprocating or rotary internal combustion piston engines:</b>		
8407.10.00	00A	No.	– Aircraft engines	Free	Free
			– Marine propulsion engines:		
8407.21.00			– – Outboard motors	Free	Free
	01H	No.	. . . Exceeding 5.22 kW		
	09C	No.	. . . Other		
8407.29.00	00F	No.	– – Other	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free

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Chapter 84—continued

Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Spark-ignition reciprocating or rotary internal, etc.—continued</b>					
— Reciprocating piston engines of a kind used for the propulsion of vehicles of Chapter 87:					
8407.31			— Of a cylinder capacity not exceeding 50 cc:		
8407.31.01			— — — Cycle and tractor engines	Free	Free
	01H	No.	. . . . . For cycles		
	09C	No.	. . . . . For tractors		
8407.31.09	00L	No.	— — — Other	5	AAN Free CA Free CN 1/2010 4 1/2011 2 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
8407.32			— Of a cylinder capacity exceeding 50 cc but not exceeding 250 cc:		
8407.32.01			— — — Cycle and tractor engines	Free	Free
	01B	No.	. . . . . For cycles		
	09H	No.	. . . . . For tractors		
8407.32.09	00E	No.	— — — Other	5	AAN Free CA Free CN 1/2010 4 1/2011 2 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
8407.33			— Of a cylinder capacity exceeding 250 cc but not exceeding 1,000 cc:		
8407.33.01			— — — Cycle and tractor engines	Free	Free
	01G	No.	. . . . . For cycles		
	09B	No.	. . . . . For tractors		
8407.33.09			— — — Other	5	AAN Free CA Free CN 1/2010 4 1/2011 2 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
	01H	No.	. . . . . For propelling motor vehicles of Tariff headings 87.02 to 87.04: . . . . . New engines . . . . . Used engines:		
	11E	No.	. . . . . Reconditioned		
	19L	No.	. . . . . Other		
	29H	No.	. . . . . Other		
8407.34			— Of a cylinder capacity exceeding 1,000 cc:		
8407.34.01			— — — Cycle and tractor engines	Free	Free
	01A	No.	. . . . . For cycles		
	09G	No.	. . . . . For tractors		

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Chapter 84—continued

Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Spark-ignition reciprocating or rotary internal, etc.—continued</b> — Reciprocating piston engines of a kind used for, etc.—continued -- Of a cylinder capacity exceeding 1,000 cc—continued		
8407.34.09		---	Other	5	AAN Free CA Free CN 1/2010 4 1/2011 2 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
	01B	No.	. . . . . For propelling motor vehicles of Tariff headings 87.02 to 87.04: . . . . . New engines		
			. . . . . Used engines:		
	11K	No.	. . . . . Reconditioned		
	19E	No.	. . . . . Other		
	29B	No.	. . . . . Other		
8407.90.00			— Other engines	Free	Free
	01J	No.	. . . Vehicle engines		
	09D	No.	. . . Other		
<b>84.08</b>			<b>Compression-ignition internal combustion piston engines (diesel or semi-diesel engines):</b>		
8408.10			— Marine propulsion engines:		
8408.10.01			-- Outboard	Free	Free
	01D	No.	. . . Exceeding 5.22 kW		
	09K	No.	. . . Other		
8408.10.09			-- Other	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
	01E	No.	. . . Water cooled		
	09L	No.	. . . Air cooled		
8408.20			— Engines of a kind used for the propulsion of vehicles of Chapter 87:		
8408.20.01			-- Cycle and tractor engines	Free	Free
	01H	No.	. . . For cycles		
	09C	No.	. . . For tractors		
8408.20.09			-- Other	5	Free AAN Free CN 1/2010 4 1/2011 2 1/2012 Free TH Free TPA Free
			. . . For propelling motor vehicles of Tariff headings 87.02 to 87.04:		
	01J	No.	. . . . . New engines		
			. . . . . Used engines:		
	11F	No.	. . . . . Reconditioned		
	19A	No.	. . . . . Other		
	29J	No.	. . . . . Other		
8408.90.00			— Other engines	Free	Free
	01G	No.	. . . Vehicle engines		
	09B	No.	. . . Other		

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>84.09</b>			<b>Parts suitable for use solely or principally with the engines of heading 84.07 or 84.08:</b>		
8409.10.00	00H	..	- For aircraft engines	Free	Free
			- Other:		
8409.91			-- Suitable for use solely or principally with spark-ignition internal combustion piston engines:		
8409.91.01			--- Pistons, cylinder sleeves, piston rings, valves and valve seat inserts, mufflers	5	AAN Free CA Free CN 1/2010 4 1/2011 2 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
	01F	No. . . . .	Mufflers		
	09A	No. . . . .	Cylinder sleeves		
			Engine valves:		
	11C	No. . . . .	Inlet		
	19J	No. . . . .	Exhaust		
	21L	No. . . . .	Piston castings in the rough		
			Other:		
			For use in cylinders having a nominal bore not exceeding 140 mm:		
	31H	No. . . . .	Piston rings		
	39C	No. . . . .	Pistons (without rings)		
	41E	No. . . . .	Piston assemblies		
	49L	.. . . .	Other		
			Other:		
	51B	No. . . . .	Piston rings		
	59H	No. . . . .	Pistons (without rings)		
	61K	No. . . . .	Piston assemblies		
	69E	.. . . .	Other		
			---- Other parts:		
8409.91.11			----- Of cycle and tractor engines	Free	Free
	01A	.. . . .	Of cycle engines		
	09G	.. . . .	Of tractor engines		
			----- Of other vehicle engines:		
8409.91.21			----- Short block assemblies	5	AAN Free CA Free CN 1/2010 4 1/2011 2 1/2012 Free GB Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
	01G	No. . . . .	New		
			Used:		
	11D	No. . . . .	Reconditioned		
	19K	No. . . . .	Other		
8409.91.29			----- Other	Free	Free
	01H	.. . . .	Carburettors		
	09C	.. . . .	Governors		
	19L	.. . . .	Other		
8409.91.39			----- Other	Free	Free
	01C	.. . . .	Carburettors		
	09J	.. . . .	Governors		
	19F	.. . . .	Other		

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Chapter 84—continued

Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Parts suitable for use solely or principally with the, etc.—continued</b>		
			– Other—continued		
8409.99			-- Other:		
8409.99.01			--- Pistons, cylinder sleeves, piston rings, valves and valve seat inserts, mufflers	5	AAN Free CA Free CN 1/2010 4 1/2011 2 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
	01B	No. . . . .	Mufflers		
	09H	No. . . . .	Cylinder sleeves		
			. . . . . Engine valves:		
	11K	No. . . . .	Inlet		
	19E	No. . . . .	Exhaust		
	21G	No. . . . .	Piston castings in the rough		
			. . . . . Other:		
			. . . . . For use in cylinders having a nominal bore not exceeding 140 mm:		
	31D	No. . . . .	Piston rings		
	39K	No. . . . .	Pistons (without rings)		
	41A	No. . . . .	Piston assemblies		
	49G	. . . . .	Other		
			. . . . . Other:		
	51J	No. . . . .	Piston rings		
	59D	No. . . . .	Pistons (without rings)		
	61F	No. . . . .	Piston assemblies		
	69A	. . . . .	Other		
			--- Other parts:		
8409.99.11			---- Of cycle and tractor engines	Free	Free
	01H	. . . . .	Of cycle engines		
	09C	. . . . .	Of tractor engines		
			---- Of other vehicle engines:		
8409.99.21			----- Short block assemblies	5	AAN Free CA Free CN 1/2010 4 1/2011 2 1/2012 Free GB Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
	01C	No. . . . .	New		
			. . . . . Used:		
	11L	No. . . . .	Reconditioned		
	19F	No. . . . .	Other		
8409.99.29			----- Other	Free	Free
	01D	. . . . .	Governors		
	09K	. . . . .	Other		
8409.99.39			----- Other	Free	Free
	01K	. . . . .	Governors		
	09E	. . . . .	Other		
<b>84.10</b>			<b>Hydraulic turbines, water wheels, and regulators therefor:</b>		
			– Hydraulic turbines and water wheels:		
8410.11.00	00F	No. --	Of a power not exceeding 1,000 kW	Free	Free
8410.12.00	00L	No. --	Of a power exceeding 1,000 kW but not exceeding 10,000 kW	Free	Free
8410.13.00	00E	No. --	Of a power exceeding 10,000 kW	Free	Free
8410.90.00	00L	. .	– Parts, including regulators	Free	Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

## Chapter 84—continued

## Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>84.11</b>			<b>Turbo-jets, turbo-propellers and other gas turbines:</b>		
			– Turbo-jets:		
8411.11.00	00D	No.	-- Of a thrust not exceeding 25 kN	Free	Free
8411.12.00	00J	No.	-- Of a thrust exceeding 25 kN	Free	Free
			– Turbo-propellers:		
8411.21.00	00H	No.	-- Of a power not exceeding 1,100 kW	Free	Free
8411.22.00	00B	No.	-- Of a power exceeding 1,100 kW	Free	Free
			– Other gas turbines:		
8411.81.00	00K	No.	-- Of a power not exceeding 5,000 kW	Free	Free
8411.82.00	00D	No.	-- Of a power exceeding 5,000 kW	Free	Free
			– Parts:		
8411.91.00	00C	..	-- Of turbo-jets or turbo-propellers	Free	Free
8411.99.00	00K	..	-- Other	Free	Free
<b>84.12</b>			<b>Other engines and motors:</b>		
8412.10.00	00H	No.	– Reaction engines other than turbo-jets	Free	Free
			– Hydraulic power engines and motors:		
8412.21.00	00F	No.	-- Linear acting (cylinders)	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8412.29			-- Other:		
8412.29.10	00H	No.	--- Marine jet propulsion units	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
8412.29.90	00A	No.	--- Other	Free	Free
			– Pneumatic power engines and motors:		
8412.31.00	00K	No.	-- Linear acting (cylinders)	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8412.39.00	00F	No.	-- Other	Free	Free
8412.80.00	00C	No.	– Other	Free	Free
8412.90			– Parts:		
8412.90.01	00C	..	-- Of hydraulic and pneumatic cylinders	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8412.90.09	00D	..	-- Of marine jet propulsion units	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
8412.90.19			-- Other	Free	Free
	01H	..	. . . . Of steam or of other vapour power units		
	09C	..	. . . . Of hydraulic power engines and motors		
	19L	..	. . . . Other		

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>84.13</b>			<b>Pumps for liquids, whether or not fitted with a measuring device; liquid elevators:</b>		
			– Pumps fitted or designed to be fitted with a measuring device:		
8413.11.00	00L	No.	-- Pumps for dispensing fuel or lubricants, of the type used in filling-stations or in garages	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
8413.19.00			-- Other	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
	01E	No.	. . . Reciprocating		
	09L	No.	. . . Centrifugal		
	11B	No.	. . . Rotary		
	19H	No.	. . . Other		
8413.20.00	00K	No.	– Hand pumps, other than those of subheading 8413.11 or 8413.19	5	AAN 1/2010 Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
8413.30			– Fuel, lubricating or cooling medium pumps for internal combustion piston engines:		
8413.30.01			-- Lubricating oil pumps	Free	Free
	01H	No.	. . . Reciprocating		
	09C	No.	. . . Centrifugal		
	11E	No.	. . . Rotary		
	19L	No.	. . . Other		
8413.30.09			-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free GB Free TH Free TPA Free
	01J	No.	. . . Reciprocating		
	09D	No.	. . . Centrifugal		
	11F	No.	. . . Rotary		
	19A	No.	. . . Other		
8413.40.00			– Concrete pumps	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
	01E	No.	. . Reciprocating		
	09L	No.	. . Other		
8413.50			– Other reciprocating positive displacement pumps:		
8413.50.01	00G	No.	-- Submersible pumps	Free	Free
8413.50.09	00H	No.	-- Other	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—*continued*Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—*continued*

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Pumps for liquids, whether or not fitted with a, etc.—<i>continued</i></b>					
8413.60			– Other rotary positive displacement pumps:		
8413.60.01	00L	No.	-- Submersible pumps	Free	Free
8413.60.09	00A	No.	-- Other	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
– Other centrifugal pumps:					
8413.70			-- Submersible pumps	Free	Free
8413.70.01	00D	No.	-- Submersible pumps	Free	Free
8413.70.09	00E	No.	-- Other	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
– Other pumps; liquid elevators:					
-- Pumps:					
8413.81			--- Hydraulic steering pumps specially suited for motor vehicles	Free	Free
8413.81.01	00B	No.	--- Hydraulic steering pumps specially suited for motor vehicles	Free	Free
8413.81.09	00C	No.	--- Submersible pumps	Free	Free
8413.81.19	00J	No.	--- Other	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
-- Liquid elevators:					
8413.82.00	00L	No.	-- Liquid elevators	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
– Parts:					
-- Of pumps:					
--- Of fuel, lubricating or cooling medium pumps for internal combustion piston engines:					
8413.91.01	00F	..	---- Of lubricating oil pumps	Free	Free
8413.91.09	00G	..	---- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free GB Free TH Free TPA Free
--- Of submersible pumps:					
8413.91.11	00A	..	--- Of submersible pumps	Free	Free
--- Other:					
8413.91.21	00G	..	---- Of hydraulic steering pumps specially suited for motor vehicles	Free	Free
8413.91.29	00H	..	---- Other	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

**Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Pumps for liquids, whether or not fitted with a, etc.—continued</b>					
– Parts—continued					
8413.92.00	00D	..	-- Of liquid elevators	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
<b>84.14</b>					
<b>Air or vacuum pumps, air or other gas compressors and fans; ventilating or recycling hoods incorporating a fan, whether or not fitted with filters:</b>					
8414.10			– Vacuum pumps:		
8414.10.01	00L	No.	-- Suited for use with motor vehicles	Free	Free
8414.10.09	00A	No.	-- Other	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8414.20.00	00H	..	– Hand- or foot-operated air pumps	Free	Free
8414.30.00			– Compressors of a kind used in refrigerating equipment	Free	Free
	01K	No.	. . . Of a kind designed to use ammonia gas as the refrigerant		
	09E	No.	. . . Other		
8414.40.00	00E	..	– Air compressors mounted on a wheeled chassis for towing	5	AAN Free CA Free CN Free LDC 4 TH Free TPA Free
			– Fans:		
8414.51.00	00C	..	-- Table, floor, wall, window, ceiling or roof fans, with a self-contained electric motor of an output not exceeding 125 W	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8414.59			-- Other:		
8414.59.01	00F	..	---- Fans for vehicle engines	Free	Free
8414.59.09	00G	..	---- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8414.60.00	01L	No.	– Hoods having a maximum horizontal side not exceeding 120 cm	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8414.80			– Other:		
8414.80.01	00F	..	-- Compressor outfits	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

## Chapter 84—continued

## Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Air or vacuum pumps, air or other gas compressors, etc.—continued</b>					
— Other—continued					
-- Other compressors:					
8414.80.11			--- Free-piston generators for gas turbines; compressors for mounting in motor vehicles	Free	Free
	01K	..	.... Free-piston generators for gas turbines		
	09E	..	.... Compressors for mounting in motor vehicles		
8414.80.19	00B	..	--- Other	5	AAN 1/2017 3 1/2020 Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8414.80.29	00H	..	-- Other	Free	Free
8414.90			— Parts:		
-- Of compressor outfits:					
8414.90.01	00K	..	--- Mounted on a wheeled chassis	5	AAN Free CA Free CN Free LDC 4 TH Free TPA Free
8414.90.09	00L	..	--- Other	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
-- Of other compressors:					
8414.90.11	00E	..	--- Of a kind used in refrigerating equipment	Free	Free
8414.90.19	00F	..	--- Of free-piston generators for gas turbines; of compressors for mounting in motor vehicles	Free	Free
8414.90.29	00A	..	--- Other	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
-- Of vacuum pumps:					
8414.90.31	00F	..	--- Suited for use with motor vehicles	Free	Free
8414.90.39	00G	..	--- Other	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
-- Of fans and hoods:					
8414.90.41	00A	..	--- Of fans for vehicle engines	Free	Free
8414.90.49	00B	..	--- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8414.90.59	00H	..	-- Other	Free	Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>84.15</b>			<b>Air conditioning machines, comprising a motor-driven fan and elements for changing the temperature and humidity, including those machines in which the humidity cannot be separately regulated:</b>		
8415.10.10	00H	No.	– Window or wall types, self-contained or “split-system”	5	AAN 1/2011 3 1/2012 Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8415.20.00	00F	No.	– Of a kind used for persons, in motor vehicles	5	AAN 1/2011 3 1/2012 Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
8415.81.00	10K	No.	– Other: – – Incorporating a refrigerating unit and a valve for reversal of the cooling/heat cycle (reversible heat pumps)	5	AAN 1/2010 Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8415.82.10	00B	No.	– – Other, incorporating a refrigerating unit	5	AAN 1/2010 Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8415.83.10	00G	No.	– – Not incorporating a refrigerating unit	5	AAN 1/2010 Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
8415.90.00	00A	. .	– Parts	5	AAN 1/2010 Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

## Chapter 84—continued

## Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>84.16</b>			<b>Furnace burners for liquid fuel, for pulverised solid fuel or for gas; mechanical stokers, including their mechanical grates, mechanical ash dischargers and similar appliances:</b>		
8416.10.00	00L	kg	– Furnace burners for liquid fuel	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8416.20.00	00D	kg	– Other furnace burners, including combination burners	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8416.30.00	00H	kg	– Mechanical stokers, including their mechanical grates, mechanical ash dischargers and similar appliances	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8416.90.00	00K	..	– Parts	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
<b>84.17</b>			<b>Industrial or laboratory furnaces and ovens, including incinerators, non-electric:</b>		
8417.10			– Furnaces and ovens for the roasting, melting or other heat-treatment of ores, pyrites or of metals:		
8417.10.01	00E	kg	– – Industrial	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8417.10.09	00F	kg	– – Laboratory	Free	Free
8417.20.00	00B	kg	– Bakery ovens, including biscuit ovens	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8417.80			– Other:		
8417.80.01	00L	kg	– – Industrial	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8417.80.09	00A	kg	– – Laboratory	Free	Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Industrial or laboratory furnaces and ovens, etc.—continued</b>					
8417.90			– Parts:		
8417.90.01	00D	..	-- Of industrial furnaces and ovens	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8417.90.09	00E	..	-- Of laboratory furnaces and ovens	Free	Free
<b>84.18</b>			<b>Refrigerators, freezers and other refrigerating or freezing equipment, electric or other; heat pumps other than air conditioning machines of heading 84.15:</b>		
8418.10.00			– Combined refrigerator-freezers, fitted with separate external doors	5	AAN 1/2011 3 1/2012 Free CA 1 CN 1/2010 3 1/2011 2 1/2012 Free TH 5 1/2010 Free TPA 5 1/2010 Free
			.. Compression type:		
	02C	No.	.. . Less than 200 l gross internal capacity		
	05H	No.	.. . 200 l and over but less than 300 l gross internal capacity		
	07D	No.	.. . 300 l and over but less than 400 l gross internal capacity		
	11B	No.	.. . 400 l and over but less than 500 l gross internal capacity		
	14G	No.	.. . 500 l and over gross internal capacity		
			.. Absorption type:		
	16C	No.	.. . Electrical		
	19H	No.	.. . Other		
	29E	No.	.. Other		
			– Refrigerators, household type:		
8418.21.00			-- Compression-type	5	AAN 1/2011 3 1/2012 Free CA 1 CN 1/2010 3 1/2011 2 1/2012 Free TH 5 1/2010 Free TPA 5 1/2010 Free
	01C	No.	.. . Less than 200 l gross internal capacity		
	03K	No.	.. . 200 l and over but less than 300 l gross internal capacity		
	05F	No.	.. . 300 l and over but less than 400 l gross internal capacity		
	07B	No.	.. . 400 l and over but less than 500 l gross internal capacity		
	12J	No.	.. . 500 l and over gross internal capacity		
8418.29.00			-- Other	5	AAN 1/2011 3 1/2012 Free CA 1 CN 1/2010 3 1/2011 2 1/2012 Free TH 5 1/2010 Free TPA 5 1/2010 Free
	10J	No.	.. . Absorption-type, electrical		
	19B	No.	.. . Other		
8418.30.00			– Freezers of the chest type, not exceeding 800 l capacity	5	AAN 1/2011 3 1/2012 Free CA 1 CN 1/2010 3 1/2011 2 1/2012 Free TH 5 1/2010 Free TPA 5 1/2010 Free
	02L	No.	.. Less than 300 l gross internal capacity		
	05E	No.	.. 300 l and over gross internal capacity		

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—*continued*Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—*continued*

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Refrigerators, freezers and other refrigerating or, etc.—<i>continued</i></b>					
8418.40.00			– Freezers of the upright type, not exceeding 900 l capacity	5	AAN 1/2011 3 1/2012 Free CA 1 CN 1/2010 3 1/2011 2 1/2012 Free TH 5 1/2010 Free TPA 5 1/2010 Free
	02D	No.	. . . Less than 200 l gross internal capacity		
	05J	No.	. . . 200 l and over gross internal capacity		
8418.50.00			– Other furniture (chests, cabinets, display counters, show-cases and the like) for storage and display, incorporating refrigerating or freezing equipment	5	AAN 1/2011 3 1/2012 Free CA 1 CN 1/2010 3 1/2011 2 1/2012 Free TH 5 1/2010 Free TPA 5 1/2010 Free
	01K	No.	. . . Refrigerators		
	09E	No.	. . . Other		
			– Other refrigerating or freezing equipment; heat pumps:		
8418.61.00	10G	No.	– – Heat pumps other than air conditioning machines of heading 84.15	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
8418.69.00	00F	No.	– – Other	5	AAN 1/2010 Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
			– Parts:		
8418.91.00	00L	. .	– – Furniture designed to receive refrigerating or freezing equipment	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Refrigerators, freezers and other refrigerating or, etc.—continued</b> — Parts—continued		
8418.99.00		-- Other		5	AAN 1/2017 3 1/2020 Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
	01E	No. . . . Units			
	09L	No. . . . Evaporators and condensers			
	19H	.. . . . Other			
<b>84.19</b>			<b>Machinery, plant or laboratory equipment, whether or not electrically heated (excluding furnaces, ovens and other equipment of heading 85.14), for the treatment of materials by a process involving a change of temperature such as heating, cooking, roasting, distilling, rectifying, sterilising, pasteurising, steaming, drying, evaporating, vaporising, condensing or cooling, other than machinery or plant of a kind used for domestic purposes; instantaneous or storage water heaters, non-electric:</b>		
			— Instantaneous or storage water heaters, non-electric:		
8419.11		-- Instantaneous gas water heaters:			
8419.11.01	00F	No. --- Domestic		Free	Free
8419.11.09	00G	.. --- Other		5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8419.19.00		-- Other		5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	02B	No. . . . Of a capacity not exceeding 200 litres			
	05G	No. . . . Other			
8419.20.00	00J	.. — Medical, surgical or laboratory sterilisers		5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
		— Dryers:			
8419.31.00	00G	.. -- For agricultural products		5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8419.32.00	00A	.. -- For wood, paper pulp, paper or paperboard		5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—*continued*Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—*continued*

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Machinery, plant or laboratory equipment, etc.—<i>continued</i></b>					
– Dryers— <i>continued</i>					
8419.39.00	00C	..	-- Other	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8419.40.00	00F	..	– Distilling or rectifying plant	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8419.50.00	00K	..	– Heat exchange units	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8419.60.00	00C	..	– Machinery for liquefying air or other gases	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
– Other machinery, plant and equipment:					
8419.81.00			-- For making hot drinks or for cooking or heating food	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01C	..	. . . . Counter-type coffee-making machines		
	09J	..	. . . . Other		
8419.89			-- Other:		
8419.89.01	00H	..	--- Pasteurisers and dairy coolers	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8419.89.09			--- Other	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01G	..	. . . . Milk processing equipment		
	10F	..	. . . . Other		

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

**Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Machinery, plant or laboratory equipment, etc.—continued</b>					
8419.90			– Parts:		
8419.90.01	00L	..	-- Of instantaneous gas water heaters, domestic	Free	Free
8419.90.09	00A	..	-- Of pasteurisers and dairy coolers	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8419.90.19	10D	..	-- Other	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
<b>84.20</b>					
<b>Calendering or other rolling machines, other than for metals or glass, and cylinders therefor:</b>					
8420.10.00	00J	No.	– Calendering or other rolling machines	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			– Parts:		
8420.91.00	00B	..	-- Cylinders	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8420.99.00	00J	..	-- Other	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
<b>84.21</b>					
<b>Centrifuges, including centrifugal dryers; filtering or purifying machinery and apparatus, for liquids or gases:</b>					
			– Centrifuges, including centrifugal dryers:		
8421.11.00	00A	No.	-- Cream separators	Free	Free
8421.12.00	00F	No.	-- Clothes-dryers	5	AAN 1/2011 3 1/2012 Free CA Free CN 1/2010 3 1/2011 2 1/2012 Free TH 5 1/2010 Free TPA 5 1/2010 Free
8421.19.00			-- Other	Free	Free
	01F	No.	... Hydro-extractors		
	10E	No.	... Other		

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—*continued*Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—*continued*

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Centrifuges, including centrifugal dryers, etc.—<i>continued</i></b>					
– Filtering or purifying machinery and apparatus for liquids:					
8421.21.00	00E	..	-- For filtering or purifying water	5	AAN 1/2011 3 1/2012 Free CA 1 CN 1/2010 3 1/2011 2 1/2012 Free TH 5 1/2010 Free TPA 5 1/2010 Free
8421.22.00	00K	..	-- For filtering or purifying beverages other than water	5	AAN 1/2011 3 1/2012 Free CA 1 CN 1/2010 3 1/2011 2 1/2012 Free TH 5 1/2010 Free TPA 5 1/2010 Free
8421.23.00			-- Oil or petrol-filters for internal combustion engines	5	AAN 1/2020 Free CA 1 CN 1/2010 4 1/2011 2 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
8421.29.00	01B 09H	No. . . . Oil No. . . . Petrol	-- Other	5	AAN 1/2010 Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	02H 05B 08G 29K 39G	No. . . . For oil . . . . For fuel: No. . . . Diesel No. . . . Petrol No. . . . Other No. . . . Other			
8421.31.00	01G	No.	– Filtering or purifying machinery and apparatus for gases: -- Intake air filters for internal combustion engines	5	AAN 1/2020 Free CA Free CN 1/2010 4 1/2011 2 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
8421.39			-- Other:		
8421.39.01	00A	..	--- Cyclones for filtering or purifying gases	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Centrifuges, including centrifugal dryers, etc.—continued</b> — Filtering or purifying machinery and apparatus for gases—continued — Other—continued		
8421.39.09	00B	..	--- Other	5	Free AAN 1/2010 Free CN Free TH Free TPA Free
			— Parts:		
8421.91.00			-- Of centrifuges, including centrifugal dryers	Free	Free
	01J	..	... Of cream separators		
	11F	..	... Of hydro-extractors		
	29J	..	... Other		
8421.99			-- Other:		
8421.99.01			--- Of filtering or purifying machinery and apparatus for gases (excluding cyclones)	5	Free AAN 1/2010 Free CN 1/2010 4 1/2011 2 1/2012 Free TH Free TPA Free
	01A	..	... Of machinery and apparatus designed for use in internal combustion engines		
	09G	..	... Other		
8421.99.09			--- Other	5	AAN 1/2011 3 1/2012 Free CA 1 CN 1/2010 4 1/2011 2 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
	01B	..	... Of cyclones for filtering or purifying gases		
			... Of other filtering and purifying machinery and apparatus: ... Designed for use in internal combustion engines:		
	11K	..	... For oil		
	19E	..	... Other		
			... Other:		
	21G	..	... For oil		
	29B	..	... For fuel		
	31D	..	... For water		
	39K	..	... Other		
<b>84.22</b>			<b>Dish washing machines; machinery for cleaning or drying bottles or other containers; machinery for filling, closing, sealing or labelling bottles, cans, boxes, bags or other containers; machinery for capsuling bottles, jars, tubes and similar containers; other packing or wrapping machinery (including heat-shrink wrapping machinery); machinery for aerating beverages:</b>		
			— Dish washing machines:		
8422.11.00	00K	No.	-- Of the household type	5	AAN 1/2011 3 1/2012 Free CA 1 CN 1/2010 3 1/2011 2 1/2012 Free TH 5 1/2010 Free TPA 5 1/2010 Free
8422.19.00	00F	No.	-- Other	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
8422.20			— Machinery for cleaning or drying bottles or other containers:		
8422.20.01	00E	No.	-- Washing machines for bottles and other containers	Free	Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—*continued*Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—*continued*

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Dish washing machines; machinery for cleaning or, etc.—<i>continued</i></b> — Machinery for cleaning or drying bottles or other containers— <i>continued</i>		
8422.20.09	00F	..	-- Other	5	AAN 1/2011 3 1/2012 Free CA 1 CN 1/2010 3 1/2011 2 1/2012 Free TH 5 1/2010 Free TPA 5 1/2010 Free
8422.30			— Machinery for filling, closing, sealing, or labelling bottles, cans, boxes, bags or other containers; machinery for capsuling bottles, jars, tubes and similar containers; machinery for aerating beverages:		
8422.30.01	00J	..	-- Machinery for aerating beverages	Free	Free
8422.30.09	00K	..	-- Other	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8422.40			— Other packing or wrapping machinery (including heat-shrink wrapping machinery):		
8422.40.01	00B	No.	-- Butter packing or wrapping machines	5	Free AAN Free CN Free TH Free TPA Free
8422.40.09			-- Other	5	AAN 1/2010 Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01A	..	. . . . Box banding and wire tying machines		
	09G	..	. . . . Other		
8422.90			— Parts: -- Of dish washing machines:		
8422.90.01	00L	..	--- Of the household type	5	AAN 1/2011 3 1/2012 Free CA 1 CN 1/2010 3 1/2011 2 1/2012 Free TH 5 1/2010 Free TPA 5 1/2010 Free
8422.90.09	00A	..	--- Other	5	AAN 1/2011 3 1/2012 Free CA 1 CN 1/2010 3 1/2011 2 1/2012 Free TH 5 1/2010 Free TPA 5 1/2010 Free
8422.90.11	00F	..	-- Of washing machines for bottles and other containers	Free	Free
8422.90.19	00G	..	-- Of machinery for aerating beverages	Free	Free
8422.90.21	00A	..	-- Of butter packing or wrapping machines	5	Free AAN Free CN Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

**Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Dish washing machines; machinery for cleaning, etc.—continued</b>		
			– Parts—continued		
8422.90.29			– – Other	5	AAN 1/2011 3 1/2012 Free CA 1 CN 1/2010 3 1/2011 2 1/2012 Free TH 5 1/2010 Free TPA 5 1/2010 Free
	01L	..	.. . . . Of box banding and wire tying machines		
	09F	..	.. . . . Other		
<b>84.23</b>			<b>Weighing machinery (excluding balances of a sensitivity of 5 cg or better), including weight operated counting or checking machines; weighing machine weights of all kinds:</b>		
8423.10.00			– Personal weighing machines, including baby scales; household scales	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01A	No.	.. . Household scales		
	09G	..	.. . Other		
8423.20.00	00G	..	– Scales for continuous weighing of goods on conveyors	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8423.30.00	00L	..	– Constant weight scales and scales for discharging a predetermined weight of material into a bag or container, including hopper scales	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			– Other weighing machinery:		
8423.81			– – Having a maximum weighing capacity not exceeding 30 kg:		
8423.81.01	00K	..	– – – Industrial	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8423.81.09	00L	..	– – – Other	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8423.82			– – Having a maximum weighing capacity exceeding 30 kg but not exceeding 5,000 kg:		
8423.82.01	00D	..	– – – Industrial	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—*continued*Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—*continued*

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Weighing machinery (excluding balances, etc.—<i>continued</i>)</b> — Other weighing machinery— <i>continued</i> — Having a maximum weighing capacity exceeding, etc.— <i>continued</i>		
8423.82.09	00E	..	--- Other	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8423.89.00	00K	..	-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8423.90			— Weighing machine weights of all kinds; parts of weighing machinery:		
8423.90.01	00J	..	-- Industrial	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8423.90.09	00K	..	-- Other	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
<b>84.24</b>			<b>Mechanical appliances (whether or not hand-operated) for projecting, dispersing or spraying liquids or powders; fire extinguishers, whether or not charged; spray guns and similar appliances; steam or sand blasting machines and similar jet projecting machines:</b>		
8424.10.00			— Fire extinguishers, whether or not charged	5	AAN Free CA Free CN Free LDC 4 TH Free TPA Free
			.. Charged with:		
	01K	..	... Bromochlorodifluoromethane		
	03F	..	... Bromotrifluoromethane		
	05B	..	... Dibromotetrafluoroethane		
	08G	..	... Other		
	19B	..	.. Other		
8424.20.00	00E	..	— Spray guns and similar appliances	5	Free AAN Free CN Free TH Free TPA Free
8424.30.00	00J	..	— Steam or sand blasting machines and similar jet projecting machines	5	Free AAN Free CN Free TH Free TPA Free
			— Other appliances:		
8424.81.00	00A	..	-- Agricultural or horticultural	Free	Free
8424.89			-- Other:		
8424.89.01	00D	..	--- Spray units for printing presses	Free	Free
8424.89.09	00E	..	--- Automotive windscreen washers	Free	Free
8424.89.11	00K	..	--- Atomisers for use with spray drying equipment in making milk or milk products	Free	Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Mechanical appliances (whether or not, etc.—continued</b> — Other appliances—continued -- Other—continued		
8424.89.18			--- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01B	..	Hand-operated, self-contained mechanical appliances for spraying paint		
	10A	..	Other		
8424.90			— Parts:		
8424.90.01	00G	..	-- Of the goods of subheading 8424.10	5	AAN Free CA Free CN Free LDC 4 TH Free TPA Free
8424.90.09	00H	..	-- Of the goods of subheading 8424.20 or 8424.30	5	Free AAN Free CN Free TH Free TPA Free
8424.90.11	00B	..	-- Of spray units for printing presses	Free	Free
8424.90.19	00C	..	-- Of automotive windscreen washers	Free	Free
8424.90.21	00H	..	-- Of atomisers for use with spray drying equipment in making milk or milk products	Free	Free
8424.90.28	10K	..	-- Other	Free	Free
<b>84.25</b>			<b>Pulley tackle and hoists other than skip hoists; winches and capstans; jacks:</b> — Pulley tackle and hoists other than skip hoists or hoists of a kind used for raising vehicles:		
8425.11.00	00D	kg	-- Powered by electric motor	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8425.19.00	00L	kg	-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			— Other winches; capstans:		
8425.31.00			-- Powered by electric motor	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	10J	kg	... Pit-head winding gear; winches specially designed for use underground ... Other: ... Incorporating a chain wheel:		
	13C	No.	... Spool-type winches		
	15K	No.	... Trailer winches		
	17F	No.	... Other		
	21D	No.	... Other		

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—*continued*Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—*continued*

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Pulley tackle and hoists other than skip hoists, etc.—<i>continued</i></b> — Other winches; capstans— <i>continued</i>		
8425.39.00			-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	10E	kg	. . . . Pit-head winding gear; winches specially designed for use underground . . . . Other: . . . . . Hydraulic: . . . . . Incorporating a chain wheel:		
	13K	No.	. . . . . Spool-type winches		
	15F	No.	. . . . . Trailer winches		
	17B	No.	. . . . . Other		
	21L	No.	. . . . . Other . . . . . Other:		
	23G	No.	. . . . . Top-handled yacht winches		
	25C	No.	. . . . . Trailer winches		
	39C	No.	. . . . . Other		
			— Jacks; hoists of a kind used for raising vehicles:		
8425.41.00	00E	kg	-- Built-in jacking systems of a type used in garages	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8425.42			-- Other jacks and hoists, hydraulic:		
8425.42.01	00F	kg	--- Jacks, portable	Free	Free
8425.42.11	00A	kg	--- Trolley jacks	Free	Free
8425.42.29			--- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01F	kg	. . . . Automotive		
	09A	kg	. . . . Other		
8425.49			-- Other:		
8425.49.01	00H	kg	--- Jacks, portable	Free	Free
8425.49.11	00C	kg	--- Trolley jacks	Free	Free
8425.49.29			--- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01H	kg	. . . . Automotive		
	09C	kg	. . . . Other		
<b>84.26</b>			<b>Ships' derricks; cranes, including cable cranes; mobile lifting frames, straddle carriers and works trucks fitted with a crane:</b> — Overhead travelling cranes, transporter cranes, gantry cranes, bridge cranes, mobile lifting frames and straddle carriers:		
8426.11.00	00B	kg	-- Overhead travelling cranes on fixed support	5	AAN Free CA 2 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Ships' derricks; cranes, including cable cranes, etc.—continued</b> — Overhead travelling cranes, transporter cranes, etc.—continued		
8426.12			-- Mobile lifting frames on tyres and straddle carriers:		
8426.12.01	00C	No.	--- Straddle carriers	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8426.12.09	00D	kg	--- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8426.19.00	00J	kg	-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8426.20.00	00A	kg	- Tower cranes	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8426.30.00	00E	kg	- Portal or pedestal jib cranes	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8426.41.00	00C	kg	- Other machinery, self-propelled: -- On tyres	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8426.49.00			-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8426.91.00	10G 19L	kg kg	. . . Crawler-mounted cranes . . . Other - Other machinery: -- Designed for mounting on road vehicles	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01K 09E	kg kg	. . . Hydraulic cranes . . . Other		

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—*continued*Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—*continued*

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Ships' derricks; cranes, including cable cranes, etc.—<i>continued</i></b> – Other machinery— <i>continued</i>		
8426.99.00	00H	kg	-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
<b>84.27</b>			<b>Fork-lift trucks; other works trucks fitted with lifting or handling equipment:</b>		
8427.10.00			– Self-propelled trucks powered by an electric motor	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01D 05G	No. No.	. . . New . . . Used		
8427.20.00			– Other self-propelled trucks	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01H 05L	No. No.	. . . New . . . Used		
8427.90.00			– Other trucks	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01C 05F	No. No.	. . . New . . . Used		
<b>84.28</b>			<b>Other lifting, handling, loading or unloading machinery (for example, lifts, escalators, conveyors, teleferics):</b>		
8428.10.00	00D	kg	– Lifts and skip hoists	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8428.20.00	00H	kg	– Pneumatic elevators and conveyors	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			– Other continuous-action elevators and conveyors, for goods or materials:		
8428.31.00	00F	kg	-- Specially designed for underground use	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Other lifting, handling, loading or unloading, etc.—continued</b> — Other continuous-action elevators and conveyors, etc.—continuous					
8428.32.00	00L	kg	-- Other, bucket type	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8428.33.00	00E	kg	-- Other, belt type	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8428.39.00	10K	kg	-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8428.40.00	00E	kg	— Escalators and moving walkways	Free	Free
8428.60.00	00B	kg	— Teleferics, chair-lifts, ski-draglines; traction mechanisms for funiculars	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8428.90.00			— Other machinery	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01A	kg	. . . Drill stands for portable electric power tools		
	09G	No.	. . . Self-opening door mechanisms		
	11J	No.	. . . Automatic garage door openers		
			. . . Work platforms:		
	21F	. . .	. . . Trailer mounted		
	31C	. . .	. . . Truck mounted		
	39J	. . .	. . . Other		
	47K	kg	. . . Mine wagon pushers, locomotive or wagon tracers, wagon tippers and similar railway wagon handling equipment		
	59C	. . .	. . . Other		
<b>84.29</b>			<b>Self-propelled bulldozers, angledozers, graders, levellers, scrapers, mechanical shovels, excavators, shovel loaders, tamping machines and road rollers:</b>		
			— Bulldozers and angledozers:		
8429.11.00	00G	No.	-- Track laying	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8429.19.00	00C	No.	-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—*continued*Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—*continued*

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Self-propelled bulldozers, angledozers, graders, etc.—<i>continued</i></b>					
8429.20.00			– Graders and levellers	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01D	No.	. . . Having a basic operating weight less than 10,000 kg		
	09K	No.	. . . Having a basic operating weight of 10,000 kg or more, but less than 16,500 kg		
	19G	No.	. . . Other		
8429.30.00	00K	No.	– Scrapers	Free	Free
8429.40			– Tamping machines and road rollers:		
8429.40.01	00K	No.	-- Tamping machines	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8429.40.09			-- Road rollers	5	AAN 1/2017 3 1/2020 Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
	01J	No.	. . . Vibratory types		
	09D	No.	. . . Other		
			– Mechanical shovels, excavators and shovel loaders:		
8429.51.00			-- Front-end shovel loaders	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	10J	No.	. . . Excavating front-end shovel loaders		
	15K	kg	. . . Loaders, shovel type, specially designed for use in underground mines		
	19B	kg	. . . Other		
8429.52.00			-- Machinery with a 360 ° revolving superstructure	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	10C	No.	. . . Excavating machinery		
	19G	No.	. . . Other		
8429.59.00			-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	10E	No.	. . . Excavating machinery		
	19J	No.	. . . Other		

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>84.30</b>			<b>Other moving, grading, levelling, scraping, excavating, tamping, compacting, extracting or boring machinery, for earth, minerals or ores; pile-drivers and pile-extractors; snow-ploughs and snow-blowers:</b>		
8430.10.00			– Pile-drivers and pile-extractors	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01D	No.	. . . Pile-drivers		
	09K	No.	. . . Pile-extractors		
8430.20.00	00K	No.	– Snow-ploughs and snow-blowers	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			– Coal or rock cutters and tunnelling machinery:		
8430.31			-- Self-propelled:		
8430.31.01	00D	kg	---- Coal or rock cutters	Free	Free
8430.31.09	00E	No.	---- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8430.39			-- Other:		
8430.39.01	00L	kg	---- Coal or rock cutters	Free	Free
8430.39.09	00A	No.	---- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			– Other boring or sinking machinery:		
8430.41			-- Self-propelled:		
8430.41.01	00H	kg	---- Rock boring machinery	Free	Free
8430.41.09	00J	No.	---- Well sinking and boring	5	Free AAN Free CN Free TH Free TPA Free
8430.41.19	00D	No.	---- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8430.49			-- Other:		
8430.49.01	00D	kg	---- Rock boring machinery	Free	Free
8430.49.09	00E	No.	---- Well sinking and boring machinery	5	Free AAN Free CN Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—*continued*Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—*continued*

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Other moving, grading, levelling, scraping, excavating, etc.—<i>continued</i></b> — Other boring or sinking machinery— <i>continued</i> -- Other— <i>continued</i>		
8430.49.19	00L	No.	--- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8430.50.00	00L	No.	— Other machinery, self-propelled	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8430.61.00	00J	..	— Other machinery, not self-propelled: -- Tamping or compacting machinery	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8430.69			-- Other:		
8430.69.11	00G	No.	--- Scrapers	Free	Free
8430.69.19			--- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	11C	No.	. . . . Excavating machinery		
	19J	No.	. . . . Other		
<b>84.31</b>			<b>Parts suitable for use solely or principally with the machinery of headings 84.25 to 84.30:</b>		
8431.10			— Of machinery of heading 84.25:		
8431.10.01	00L	..	-- Of built-in jacking systems of a type used in garages	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8431.10.09	00A	..	-- Of portable jacks	Free	Free
8431.10.15	00A	..	-- Of trolley jacks	Free	Free
8431.10.19	00G	..	-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Parts suitable for use solely or principally with the, etc.—continued</b>					
8431.20.00			– Of machinery of heading 84.27	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01F	.. . .	Of fork-lift trucks		
	09A	.. . .	Other		
8431.31			– Of machinery of heading 84.28:		
			-- Of lifts, skip hoists or escalators:		
8431.31.01	00B	..	--- Of lifts specially designed for permanent installation in buildings	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8431.31.09	00C	..	--- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8431.39.00			-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	10K	.. . .	Of pneumatic elevators and conveyors		
	19C	.. . .	Other		
			– Of machinery of heading 84.26, 84.29 or 84.30:		
8431.41.00	00K	..	-- Buckets, shovels, grabs and grips	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8431.42.00	00D	..	-- Bulldozer or angledozer blades	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8431.43			-- Parts of boring or sinking machinery of subheading 8430.41 or 8430.49:		
8431.43.01	00E	..	--- Of rock boring machinery	Free	Free
8431.43.09	00F	..	--- Of well sinking and boring machinery	5	Free AAN Free CN Free TH Free TPA Free
8431.43.19	00A	..	--- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—*continued*Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—*continued*

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Parts suitable for use solely or principally with the, etc.—<i>continued</i></b>					
– Of machinery of heading 84.26, 84.29 or 84.30— <i>continued</i>					
8431.49			– – Other:		
8431.49.01	00B	..	– – – Excavating parts other than those of subheading 8431.41		The rates applicable to the machinery for which the parts have been designed AAN 1/2012 Free
8431.49.05	00H	..	– – – Of coal or rock cutters	Free	Free
8431.49.09	00C	..	– – – Of scrapers	Free	Free
8431.49.11			– – – Of mechanically propelled road rollers	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
	01F	..	. . . . . Of vibratory types		
	09A	..	. . . . . Other		
8431.49.19	00J	..	– – – Of machinery of heading 84.26		The rates applicable to the machinery for which the parts have been designed AAN 1/2012 Free
8431.49.29			– – – Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01B	..	. . . . . Of bulldozers or angledozers		
	09H	..	. . . . . Of road graders		
	19E	..	. . . . . Other		
<b>84.32</b>			<b>Agricultural, horticultural or forestry machinery for soil preparation or cultivation; lawn or sports-ground rollers:</b>		
8432.10.00	00B	No.	– Ploughs	Free	Free
			– Harrows, scarifiers, cultivators, weeders and hoes:		
8432.21.00	00L	No.	– – Disc harrows	Free	Free
8432.29			– – Other:		
8432.29.01			– – – Other harrows; cultivators	Free	Free
	01A	No.	. . . . . Other harrows		
			. . . . . Cultivators:		
	11J	No.	. . . . . Rotary hoes and rotary tillers		
	29A	kg	. . . . . Other		
8432.29.09	00D	kg	– – – Other	Free	Free
8432.30			– Seeders, planters and transplanters:		
8432.30.01	00F	No.	– – Seeders	Free	Free
8432.30.09			– – Other	Free	Free
	01E	No.	. . . . . Potato planters		
	09L	No.	. . . . . Other		
8432.40.00	00C	No.	– Manure spreaders and fertiliser distributors	Free	Free
8432.80			– Other machinery:		
8432.80.01	10A	No.	– – Rollers	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
8432.80.09			– – Other	Free	Free
	01C	No.	. . . . . Stone-removing machines		
	09J	No.	. . . . . Other		

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Agricultural, horticultural or forestry machinery for, etc.—continued</b>					
8432.90			— Parts:		
			— Of ploughs:		
8432.90.01	00H	..	---- Mouldboard plates, unbent; steel shareplates cut to pattern; skeith plates; plough beam forgings; discs for ploughs	Free	Free
8432.90.09	00J	..	---- Other	Free	Free
			— Of harrows; of seeders; of manure or fertiliser spreaders or distributors; of rollers; of cultivators:		
8432.90.12	00K	..	---- Cultivator tines (other than coil tines); cultivator points (tips)	Free	Free
8432.90.15			---- Other	Free	Free
	01G	..	. . . . . Of rotary hoes and rotary tillers		
	09B	..	. . . . . Discs for harrows		
	11D	..	. . . . . Of seeders		
	19K	..	. . . . . Of manure or fertiliser spreaders or distributors		
	29G	..	. . . . . Other		
8432.90.19			— Other	Free	Free
	01B	..	. . . . . Of stone removing machines		
	09H	..	. . . . . Of potato planters		
	19E	..	. . . . . Other		
<b>84.33</b>			<b>Harvesting or threshing machinery, including straw or fodder balers; grass or hay mowers; machines for cleaning, sorting or grading eggs, fruit or other agricultural produce, other than machinery of heading 84.37:</b>		
			— Mowers for lawns, parks or sports-grounds:		
8433.11.00			— Powered, with the cutting device rotating in a horizontal plane	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01C	No.	. . . . . With a blade size of 610 mm or greater		
	09J	No.	. . . . . Other		
8433.19			— Other:		
8433.19.01	00H	No.	---- Manually operated	Free	Free
8433.19.09			---- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			. . . . . With a blade size of 610 mm or greater:		
			. . . . . Reel:		
	01G	No.	. . . . . Without engines		
	09B	No.	. . . . . Other		
	19K	No.	. . . . . Other		
			. . . . . Other:		
			. . . . . Reel:		
	21A	No.	. . . . . Without engines		
	29G	No.	. . . . . Other		
	39D	No.	. . . . . Other		
8433.20			— Other mowers, including cutter bars for tractor mounting:		
8433.20.01	00L	No.	-- Oscillating cutter types	Free	Free
8433.20.09			-- Other	Free	Free
	01K	No.	. . . . . Manually operated		
			. . . . . Other, whether or not self-propelled:		
			. . . . . Reel:		
	11G	No.	. . . . . Without engines		
	19B	No.	. . . . . Other		
	21D	No.	. . . . . Rotary		
	29K	No.	. . . . . Other		
8433.30			— Other haymaking machinery:		
8433.30.01	00D	No.	-- Swath turners, side delivery rakes, tedders	Free	Free
8433.30.09	00E	No.	-- Other	Free	Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—*continued*Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—*continued*

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Harvesting or threshing machinery, including straw, etc.—<i>continued</i></b>					
8433.40.00			– Straw or fodder balers, including pick-up balers	Free	Free
	01K	No.	. . . Pick-up types		
	09E	No.	. . . Other		
			– Other harvesting machinery; threshing machinery:		
8433.51.00	00K	No.	-- Combine harvester-threshers	Free	Free
8433.52.00	00D	No.	-- Other threshing machinery	Free	Free
8433.53.00	00J	No.	-- Root or tuber harvesting machines	Free	Free
8433.59.00	00F	No.	-- Other	Free	Free
8433.60			– Machines for cleaning, sorting or grading eggs, fruit or other agricultural produce:		
8433.60.01	00E	..	-- Egg-graders	Free	Free
8433.60.09			-- Other	5	AAN Free CN Free LDC 4 TH Free TPA Free
	01D	..	. . . . Fruit-graders		
	09K	..	. . . . Grading machines for other produce		
	19G	..	. . . . Other		
8433.90			– Parts:		
			-- Of mowers for lawns, parks or sports-grounds:		
8433.90.02	00B	..	--- Of manually operated machines	Free	Free
8433.90.05			--- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01K	..	. . . . . Reel		
	11G	..	. . . . . Rotary		
	19B	..	. . . . . Other		
			-- Of other mowers:		
8433.90.07	00D	..	--- Of oscillating cutter types	Free	Free
8433.90.08			--- Other	Free	Free
	01J	..	. . . . . Of manually operated machines		
			. . . . . Other, whether or not self-propelled:		
	11F	..	. . . . . Reel		
	21C	..	. . . . . Rotary		
	29J	..	. . . . . Other		
			-- Of other haymaking machinery:		
8433.90.12	00H	..	--- Of swath turners, side delivery rakes, tedders	Free	Free
8433.90.15	00G	..	--- Other	Free	Free
			-- Of harvesting and threshing machinery:		
8433.90.16			--- Of straw or fodder balers, including pick-up balers; of combine harvester-threshers; of other threshing machinery	Free	Free
			. . . . . Of straw or fodder balers, including pick-up balers:		
	01A	..	. . . . . Pick-up types		
	09G	..	. . . . . Other		
	11J	..	. . . . . Of combine harvester-threshers		
	19D	..	. . . . . Of other threshing machinery		
8433.90.18			--- Of other harvesting machinery	Free	Free
	01D	..	. . . . . Of root or tuber harvesting machines		
	11A	..	. . . . . Of forage harvesters		
	19G	..	. . . . . Other		
8433.90.21	00G	..	-- Of egg-graders	Free	Free
8433.90.29			-- Other	5	AAN Free CN Free LDC 4 TH Free TPA Free
	01F	..	. . . . . Of fruit-graders		
	09A	..	. . . . . Of grading machines for other produce		
	19J	..	. . . . . Other		

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

**Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>84.34</b>			<b>Milking machines and dairy machinery:</b>		
8434.10.00	00J	No.	– Milking machines	Free	Free
8434.20.00	00B	No.	– Dairy machinery	Free	Free
8434.90.00			– Parts	Free	Free
	01F	..	. . . Milking machines		
	09A	..	. . . Other		
<b>84.35</b>			<b>Presses, crushers and similar machinery used in the manufacture of wine, cider, fruit juices or similar beverages:</b>		
8435.10.00	00G	..	– Machinery	Free	Free
8435.90.00	00F	..	– Parts	Free	Free
<b>84.36</b>			<b>Other agricultural, horticultural, forestry, poultry-keeping or bee-keeping machinery, including germination plant fitted with mechanical or thermal equipment; poultry incubators and brooders:</b>		
8436.10.00	00E	..	– Machinery for preparing animal feeding stuffs	Free	Free
			– Poultry-keeping machinery; poultry incubators and brooders:		
8436.21.00	00C	No.	-- Poultry incubators and brooders	Free	Free
8436.29.00	00K	..	-- Other	Free	Free
8436.80			– Other machinery:		
8436.80.01	00G	No.	-- Mechanical clippers for animals	Free	Free
8436.80.09	00H	No.	-- Weed and scrub-cutting mowers	Free	Free
8436.80.19			-- Other	Free	Free
	01A	No.	. . . . Mulching or shredding machines		
	09G	No.	. . . . Grain storage bins and silos, including grain handling and storage equipment		
	19D	No.	. . . . Other		
			– Parts:		
8436.91.00	00J	..	-- Of poultry-keeping machinery or poultry incubators and brooders	Free	Free
8436.99			-- Other:		
8436.99.01	00A	..	--- Of mechanical clippers for animals	Free	Free
8436.99.09	00B	..	--- Of weed- and scrub-cutting mowers	Free	Free
8436.99.19			--- Other	Free	Free
	01F	..	. . . . . Of mulching or shredding machines		
	09A	..	. . . . . Of grain storage bins and silos, including grain handling and storage equipment		
	19J	..	. . . . . Other		
<b>84.37</b>			<b>Machines for cleaning, sorting or grading seed, grain or dried leguminous vegetables; machinery used in the milling industry or for the working of cereals or dried leguminous vegetables, other than farm-type machinery:</b>		
8437.10			– Machines for cleaning, sorting or grading seed, grain or dried leguminous vegetables:		
8437.10.01	00K	..	-- Cereal grain cleaners, not having a sorting or grading facility	Free	Free
8437.10.09	00L	..	-- Other	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
8437.80.00	00J	..	– Other machinery	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—*continued***Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—*continued***

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Machines for cleaning, sorting or grading seed, grain, etc.—<i>continued</i></b>		
8437.90			– Parts:		
8437.90.01	00J	..	– – Of cereal grain cleaners, not having a sorting or grading facility	Free	Free
8437.90.09			– – Other	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
	01H	..	. . . . Of machines of item No. 8437.10.09		
	09C	..	. . . . Other		
<b>84.38</b>			<b>Machinery, not specified or included elsewhere in this Chapter, for the industrial preparation or manufacture of food or drink, other than machinery for the extraction or preparation of animal or fixed vegetable fats or oils:</b>		
8438.10.00	00A	kg	– Bakery machinery and machinery for the manufacture of macaroni, spaghetti or similar products	Free	Free
8438.20.00	00E	kg	– Machinery for the manufacture of confectionery, cocoa or chocolate	Free	Free
8438.30.00	00J	kg	– Machinery for sugar manufacture	Free	Free
8438.40.00	00B	kg	– Brewery machinery	Free	Free
8438.50.00	00F	kg	– Machinery for the preparation of meat or poultry	Free	Free
8438.60.00	00K	kg	– Machinery for the preparation of fruits, nuts or vegetables	Free	Free
8438.80			– Other machinery:		
8438.80.01	00C	..	– – Mechanical appliances for acetification; coffee bean husking or hulling machines (cylinder, disc or blade types); orange oil extracting machines	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8438.80.09			– – Other	Free	Free
	01B	..	. . . . Food mixing, power-operated		
	09H	kg	. . . . Other		
8438.90			– Parts:		
8438.90.01	00G	..	– – Of mechanical appliances for acetification; of coffee bean husking or hulling machines (cylinder, disc or blade types); of orange oil extracting machines	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8438.90.09	00H	..	– – Other	Free	Free
<b>84.39</b>			<b>Machinery for making pulp of fibrous cellulosic material or for making or finishing paper or paperboard:</b>		
8439.10			– Machinery for making pulp of fibrous cellulosic material:		
8439.10.01	00F	kg	– – Wood chipping machines and screening units	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
8439.10.09	00G	kg	– – Other	Free	Free
8439.20.00	00C	kg	– Machinery for making paper or paperboard	Free	Free
8439.30.00	10D	kg	– Machinery for finishing paper or paperboard	Free	Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Machinery for making pulp of fibrous cellulosic, etc.—continued</b>					
– Parts:					
8439.91			– – Of machinery for making pulp of fibrous cellulosic material:		
8439.91.01	00K	..	– – – Of wood chipping machines and screening units	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
8439.91.09	00L	..	– – – Other	Free	Free
8439.99.00	00K	..	– – Other	Free	Free
<b>84.40</b>					
<b>Book-binding machinery, including book-sewing machines:</b>					
8440.10.00	00C	kg	– Machinery	Free	Free
8440.90.00	00B	..	– Parts	Free	Free
<b>84.41</b>					
<b>Other machinery for making up paper pulp, paper or paperboard, including cutting machines of all kinds:</b>					
– Cutting machines:					
8441.10.01	00H	No.	– – Guillotines; paper shredding machines	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8441.10.09	00J	No.	– – Other	Free	Free
8441.20.00	00E	kg	– Machines for making bags, sacks or envelopes	Free	Free
8441.30.00	00J	kg	– Machines for making cartons, boxes, cases, tubes, drums or similar containers, other than by moulding	Free	Free
8441.40.00	00B	kg	– Machines for moulding articles in paper pulp, paper or paperboard	Free	Free
8441.80.00	00G	kg	– Other machinery	Free	Free
8441.90.00	00L	..	– Parts	Free	Free
<b>84.42</b>					
<b>Machinery, apparatus and equipment (other than the machine-tools of headings 84.56 to 84.65) for preparing or making plates, cylinders or other printing components; plates, cylinders and other printing components; plates, cylinders and lithographic stones, prepared for printing purposes (for example, planed, grained or polished):</b>					
8442.30.00			– Machinery, apparatus and equipment	Free	Free
	10D	kg	.. Machinery for preparing or working printing blocks, plates or cylinders		
	13J	kg	.. Phototype-setting and composing machines		
	15E	kg	.. Machinery, apparatus and equipment for type-setting or composing by other processes, with or without founding device		
	19H	kg	.. Other		
8442.40.00	00L	..	– Parts of the foregoing machinery, apparatus or equipment	Free	Free
8442.50			– Plates, cylinders and other printing components; plates, cylinders and lithographic stones, prepared for printing purposes (for example, planed, grained or polished):		
8442.50.01	00L	kg	– – Engraved or etched blocks, plates and cylinders for printing repetitive designs, repetitive words or overall colour	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8442.50.09			– – Other	5	AAN Free CA Free CN Free LDC 4 TH Free TPA Free
	01K	kg	.. . Printing type		
	09E	kg	.. . Lithographic plates		
	19B	kg	.. . Other		

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

## Chapter 84—continued

## Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>84.43</b>			<b>Printing machinery used for printing by means of plates, cylinders and other printing components of heading 84.42; other printers, copying machines and facsimile machines, whether or not combined; parts and accessories thereof:</b>		
			– Printing machinery used for printing by means of plates, cylinders and other printing components of heading 84.42:		
8443.11			– – Offset printing machinery, reel-fed:		
8443.11.01	10F	kg	– – – Machines for printing a repetitive design, repetitive words or overall colour on textiles, leather, wallpaper, wrapping paper, linoleum or other materials	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8443.11.09	10G	kg	– – – Other	Free	Free
8443.12.00	10D	kg	– – Offset printing machinery, sheet-fed, office type (using sheets with one side not exceeding 22 cm and the other side not exceeding 36 cm in the unfolded state)	Free	Free
8443.13			– – Other offset printing machinery:		
8443.13.01	00H	kg	– – – Machines for printing a repetitive design, repetitive words or overall colour on textiles, leather, wallpaper, wrapping paper, linoleum or other materials	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8443.13.09	00J	kg	– – – Other	Free	Free
8443.14			– – Letterpress printing machinery, reel fed, excluding flexographic printing:		
8443.14.01	00B	kg	– – – Machines for printing a repetitive design, repetitive words or overall colour on textiles, leather, wallpaper, wrapping paper, linoleum or other materials	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8443.14.09	00C	kg	– – – Other	Free	Free
8443.15			– – Letterpress printing machinery, other than reel fed, excluding flexographic printing:		
8443.15.01	00G	kg	– – – Machines for printing a repetitive design, repetitive words or overall colour on textiles, leather, wallpaper, wrapping paper, linoleum or other materials	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8443.15.09	00H	kg	– – – Other	Free	Free
8443.16			– – Flexographic printing machinery:		
8443.16.01	00A	kg	– – – Machines for printing a repetitive design, repetitive words or overall colour on textiles, leather, wallpaper, wrapping paper, linoleum or other materials	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Printing machinery used for printing by means of, etc.—continued</b>					
– Printing machinery used for printing by means of plates, etc.—continued					
-- Flexographic printing machinery—continued					
8443.16.09	00B	kg	--- Other	Free	Free
8443.17.00	00K	kg	-- Gravure printing machinery	Free	Free
8443.19			-- Other:		
8443.19.01	10B	..	--- Machines for printing a repetitive design, repetitive words or overall colour on textiles, leather, wallpaper, wrapping paper, linoleum or other materials	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8443.19.09	10C	kg	--- Other	Free	Free
			– Other printers, copying machines and facsimile machines, whether or not combined:		
8443.31			-- Machines which perform two or more of the functions of printing, copying or facsimile transmission, capable of connecting to an automatic data processing machine or to a network:		
8443.31.01	00F	..	--- Industrial ink-jet printing machines able to perform two or more of the functions of printing, copying or facsimile transmission	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8443.31.15	00G	No.	--- Other	Free	Free
8443.32			-- Other, capable of connecting to an automatic data processing machine or to a network:		
8443.32.01	00L	..	--- Industrial ink-jet printing machines	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8443.32.15			--- Other printers	Free	Free
	10J	No.	. . . . Dot matrix		
	13C	No.	. . . . Ink-jet		
	15K	No.	. . . . Laser		
	19B	No.	. . . . Other		
8443.32.19			--- Facsimile machines	Free	Free
	10D	No.	. . . . Plain paper recording		
	19H	No.	. . . . Thermal recording		
8443.32.29			--- Electrostatic photocopying apparatus	Free	Free
	10K	No.	. . . . Operating by reproducing the original image directly onto the copy (direct process)		
	19C	No.	. . . . Operating by reproducing the original image via an intermediate onto the copy (indirect process)		
8443.32.39	10E	..	--- Teleprinters	Free	Free
8443.39			-- Other:		
8443.39.01	00B	..	--- Industrial ink-jet printing machines:	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—*continued*Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—*continued*

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Printing machinery used for printing by means of, etc.—<i>continued</i></b> — Other printers, copying machines, etc.— <i>continued</i> — Other— <i>continued</i> — — Photocopying apparatus incorporating an optical system or of the contact type, and thermo-copying apparatus:		
8443.39.15	10L	No.	— — — — Electrostatic photocopying apparatus . . . . . Operating by reproducing the original image directly onto the copy (direct process)	Free	Free
	19D	No.	. . . . . Operating by reproducing the original image via an intermediate onto the copy (indirect process)		
			— — — — Other photocopying apparatus:		
8443.39.19	00J	No.	— — — — Incorporating an optical system	Free	Free
8443.39.25	00J	No.	— — — — Of the contact type	5	AAN Free CA Free CN Free LDC 3 TH Free TPA Free
8443.39.29	00D	No.	— — — — Thermo-copying apparatus	Free	Free
8443.39.39	10G	..	— — — Other — Parts and accessories:	Free	Free
8443.91			— — Parts and accessories of printing machinery used for printing by means of plates, cylinders and other printing components of heading 84.42:		
8443.91.01	00H	kg	— — — Machines for uses ancillary to printing	Free	Free
8443.91.09	00J	..	— — — Of machines for printing a repetitive design, repetitive words or overall colour on textiles, leather, wallpaper, wrapping paper, linoleum or other materials	5	AAN 1/2010 Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8443.91.19	00D	..	— — — Other	Free	Free
8443.99			— — Other:		
8443.99.01	00D	kg	— — — Machines for uses ancillary to printing	Free	Free
8443.99.09	00E	..	— — — Of machines for printing a repetitive design, repetitive words or overall colour on textiles, leather, wallpaper, wrapping paper, linoleum or other materials	5	AAN 1/2010 Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

Chapter 84—continued

**Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Printing machinery used for printing by means of, etc.—continued</b>					
– Parts and accessories—continued					
– – Other—continued					
8443.99.19	10H	..	– – – Other Of machines capable of connecting to an automatic data processing machine or to a network	Free	Free
	13B	..	Of teleprinters; of facsimile transmission apparatus:		
	15J	..	Of teleprinters		
		..	Of facsimile transmission apparatus		
		..	Of photocopying apparatus incorporating an optical system or of the contact type, and thermo-copying apparatus:		
		..	Automatic document feeders:		
	17E	..	For electrostatic photocopying apparatus		
	19A	..	For photocopying apparatus incorporating an optical system		
	21C	..	For thermo-copying apparatus		
	23K	..	Other		
		..	Paper feeders:		
	25F	..	For electrostatic photocopying apparatus		
	27B	..	For photocopying apparatus incorporating an optical system		
	29J	..	For thermo-copying apparatus		
	31L	..	Other		
		..	Sorters:		
	33G	..	For electrostatic photocopying apparatus		
	35C	..	For photocopying apparatus incorporating an optical system		
	37K	..	For thermo-copying apparatus		
	39F	..	Other		
		..	Other:		
	41H	..	For electrostatic photocopying apparatus		
	43D	..	For photocopying apparatus incorporating an optical system		
	45L	..	For thermo-copying apparatus		
	47G	..	Other		
	49C	..	Other		
<b>84.44</b>					
8444.00.00	00B	kg	<b>Machines for extruding, drawing, texturing or cutting man-made textile materials</b>	Free	Free
<b>84.45</b>					
<b>Machines for preparing textile fibres; spinning, doubling or twisting machines and other machinery for producing textile yarns; textile reeling or winding (including weft-winding) machines and machines for preparing textile yarns for use on the machines of heading 84.46 or 84.47:</b>					
– Machines for preparing textile fibres:					
8445.11.00	00J	kg	– – Carding machines	Free	Free
8445.12.00	00C	kg	– – Combing machines	Free	Free
8445.13.00	00H	kg	– – Drawing or roving machines	Free	Free
8445.19			– – Other:		
8445.19.01	00A	kg	– – – Wool-scouring machines	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
8445.19.09	00B	kg	– – – Other	Free	Free
8445.20.00	00H	kg	– Textile spinning machines	Free	Free
8445.30.00	00A	kg	– Textile doubling or twisting machines	Free	Free
8445.40.00	00E	kg	– Textile winding (including weft-winding) or reeling machines	Free	Free
8445.90.00			– Other	Free	Free
	01A	kg	.. Machines for preparing textile yarns for use on the machines of heading 84.46 or 84.47		
	09G	kg	.. Other		
<b>84.46</b>					
<b>Weaving machines (looms):</b>					
8446.10.00	00B	No.	– For weaving fabrics of a width not exceeding 30 cm	Free	Free
			– For weaving fabrics of a width exceeding 30 cm, shuttle type:		
8446.21.00	00L	No.	– – Power looms	Free	Free
8446.29.00	00G	No.	– – Other	Free	Free
8446.30.00	00K	No.	– For weaving fabrics of a width exceeding 30 cm, shuttleless type	Free	Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

## Chapter 84—continued

## Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>84.47</b>			<b>Knitting machines, stitch-bonding machines and machines for making gimped yarn, tulle, lace, embroidery, trimmings, braid or net and machines for tufting:</b>		
			– Circular knitting machines:		
8447.11.00	00E	No.	– – With cylinder diameter not exceeding 165 mm	Free	Free
8447.12.00	00K	No.	– – With cylinder diameter exceeding 165 mm	Free	Free
8447.20.00			– Flat knitting machines; stitch-bonding machines	Free	Free
			. . Flat knitting machines:		
	01B	No.	. . . Domestic		
	09H	No.	. . . Other		
	19E	kg	. . Stitch-bonding machines		
8447.90.00			– Other	Free	Free
	01H	No.	. . Embroidery machines		
	09C	kg	. . Other		
<b>84.48</b>			<b>Auxiliary machinery for use with machines of heading 84.44, 84.45, 84.46 or 84.47 (for example, dobbies, Jacquards, automatic stop motions, shuttle changing mechanisms); parts and accessories suitable for use solely or principally with the machines of this heading or of heading 84.44, 84.45, 84.46 or 84.47 (for example, spindles and spindle flyers, card clothing, combs, extruding nipples, shuttles, healds and heald-frames, hosiery needles):</b>		
			– Auxiliary machinery for machines of heading 84.44, 84.45, 84.46 or 84.47:		
8448.11.00	00C	..	– – Dobbies and Jacquards; card reducing, copying, punching or assembling machines for use therewith	Free	Free
8448.19.00	00K	..	– – Other	Free	Free
8448.20.00			– Parts and accessories of machines of heading 84.44 or of their auxiliary machinery	Free	Free
	01L	..	. . Extruding nipples, spinnerets and the like for extruding man-made fibres		
	09F	..	. . Other		
			– Parts and accessories of machines of heading 84.45 or of their auxiliary machinery:		
8448.31.00	00L	..	– – Card clothing	Free	Free
8448.32.00	00E	..	– – Of machines for preparing textile fibres, other than card clothing	The rates applicable to the machines for which the parts and accessories have been designed	AAN 1/2012 Free
8448.33.00	00K	..	– – Spindles, spindle flyers, spinning rings and ring travellers	Free	Free
8448.39.00	00G	..	– – Other	Free	Free
			– Parts and accessories of weaving machines (looms) or of their auxiliary machinery:		
8448.42.00	00J	..	– – Reeds for looms, healds and heald-frames	Free	Free
8448.49.00			– – Other	Free	Free
	10H	..	. . . Shuttles		
	19A	..	. . . Other		
			– Parts and accessories of machines of heading 84.47 or of their auxiliary machinery:		
8448.51.00			– – Sinkers, needles and other articles used in forming stitches	Free	Free
	01F	kg	. . . Needles for knitting, netting, embroidery, tulle or lace making machines		
	09A	..	. . . Other		
8448.59.00	00D	..	– – Other	Free	Free
<b>84.49</b>			<b>Machinery for the manufacture or finishing of felt or nonwovens in the piece or in shapes, including machinery for making felt hats; blocks for making hats</b>		
8449.00.00	00C	..		Free	Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>84.50</b>			<b>Household or laundry-type washing machines, including machines which both wash and dry:</b>		
			– Machines, each of a dry linen capacity not exceeding 10 kg:		
8450.11			– – Fully-automatic machines:		
8450.11.01			– – – Household	5	AAN 1/2011 3 1/2012 Free CA 1 CN 1/2010 3 1/2011 2 1/2012 Free TH 5 1/2010 Free TPA 5 1/2010 Free
			. . . . Of a dry linen capacity not exceeding 6 kg:		
	02H	No.	. . . . . Top loading machines		
	05B	No.	. . . . . Front loading machines		
			. . . . . Other:		
	07J	No.	. . . . . Top loading machines		
	11G	No.	. . . . . Front loading machines		
8450.11.09			– – – Other	5	Free AAN Free CN Free TH Free TPA Free
	01L	No.	. . . . . Top loading machines		
	05C	No.	. . . . . Front loading machines		
8450.12			– – Other machines, with built-in centrifugal drier:		
8450.12.01			– – – Household	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
	01D	No.	. . . . . Of a dry linen capacity not exceeding 6 kg		
	09K	No.	. . . . . Other		
8450.12.09	00G	No.	– – – Other	5	Free AAN Free CN Free TH Free TPA Free
8450.19			– – Other:		
8450.19.01			– – – Household	5	AAN 1/2011 3 1/2012 Free CA 1 CN 1/2010 3 1/2011 2 1/2012 Free TH 5 1/2010 Free TPA 5 1/2010 Free
	01F	No.	. . . . . Of a dry linen capacity not exceeding 6 kg		
	09A	No.	. . . . . Other		
8450.19.09	00J	No.	– – – Other	5	Free AAN Free CN Free TH Free TPA Free
8450.20.00	00D	No.	– Machines, each of a dry linen capacity exceeding 10 kg	5	Free AAN Free CN Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

## Chapter 84—continued

## Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Household or laundry-type washing machines, etc.—continued</b>		
8450.90			– Parts:		
8450.90.01	00F	..	-- Of household machines	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8450.90.09	00G	..	-- Other	5	Free AAN Free CN Free TH Free TPA Free
<b>84.51</b>			<b>Machinery (other than machines of heading 84.50) for washing, cleaning, wringing, drying, ironing, pressing (including fusing presses), bleaching, dyeing, dressing, finishing, coating or impregnating textile yarns, fabrics or made up textile articles and machines for applying the paste to the base fabric or other support used in the manufacture of floor coverings such as linoleum; machines for reeling, unreeling, folding, cutting or pinking textile fabrics:</b>		
8451.10.00	00J	No.	– Dry-cleaning machines	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			– Drying machines:		
8451.21			-- Each of a dry linen capacity not exceeding 10 kg:		
8451.21.01	00C	No.	--- Household	5	AAN 1/2011 3 1/2012 Free CA 1 CN 1/2010 3 1/2011 2 1/2012 Free TH 5 1/2010 Free TPA 5 1/2010 Free
8451.21.09	00D	No.	--- Other	5	Free AAN Free CN Free TH Free TPA Free
8451.29.00	00C	No.	-- Other	5	Free AAN Free CN Free TH Free TPA Free
8451.30.00	00F	No.	– Ironing machines and presses (including fusing presses)	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8451.40.00			– Washing, bleaching or dyeing machines	5	Free AAN 1/2010 Free CN Free TH Free TPA Free
	01H	No.	. . . Washing machines		
	09C	No.	. . . Bleaching and dyeing machinery		
8451.50.00	00C	No.	– Machines for reeling, unreeling, folding, cutting or pinking textile fabrics	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

**Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Machinery (other than machines of heading 84.50), etc.—continued</b>					
8451.80.00	00D	No.	– Other machinery	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8451.90			– Parts:		
8451.90.01	00D	..	– – Of washing, bleaching and dyeing machinery	5	Free AAN Free CN Free TH Free TPA Free
8451.90.09	00E	..	– – Other	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
<b>84.52</b>	<b>Sewing machines, other than book-sewing machines of heading 84.40; furniture, bases and covers specially designed for sewing machines; sewing machine needles:</b>				
8452.10.00	01E 09L	No. No.	– Sewing machines of the household type .. Overlockers .. Other	Free	Free
			– Other sewing machines:		
8452.21.00	00E	No.	– – Automatic units	Free	Free
8452.29.00	00A	No.	– – Other	Free	Free
8452.30.00	00D	..	– Sewing machine needles	Free	Free
8452.40.00	00H	..	– Furniture, bases and covers for sewing machines and parts thereof	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8452.90.00	00F	..	– Other parts of sewing machines	Free	Free
<b>84.53</b>	<b>Machinery for preparing, tanning or working hides, skins or leather or for making or repairing footwear or other articles of hides, skins or leather, other than sewing machines:</b>				
8453.10.00	00E	kg	– Machinery for preparing, tanning or working hides, skins or leather	Free	Free
8453.20.00	00J	kg	– Machinery for making or repairing footwear	Free	Free
8453.80.00	00L	..	– Other machinery	Free	Free
8453.90.00	00D	..	– Parts	Free	Free
<b>84.54</b>	<b>Converters, ladles, ingot moulds and casting machines, of a kind used in metallurgy or in metal foundries:</b>				
8454.10.00	00C	kg	– Converters	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8454.20.00	00G	kg	– Ingot moulds and ladles	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—*continued*Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—*continued*

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Converters, ladles, ingot moulds and casting machines, etc.—<i>continued</i></b>					
8454.30.00	00L	kg	– Casting machines	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8454.90.00	00B	. .	– Parts	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
<b>84.55</b>					
<b>Metal-rolling mills and rolls therefor:</b>					
8455.10.00	00A	kg	– Tube mills	Free	Free
– Other rolling mills:					
8455.21.00	00K	kg	– – Hot or combination hot and cold	Free	Free
8455.22.00	00D	kg	– – Cold	Free	Free
8455.30.00	00J	kg	– Rolls for rolling mills	Free	Free
8455.90.00	00L	kg	– Other parts	Free	Free
<b>84.56</b>					
<b>Machine-tools for working any material by removal of material, by laser or other light or photon beam, ultrasonic, electro-discharge, electro-chemical, electron beam, ionic-beam or plasma arc processes:</b>					
– Operated by laser or other light or photon beam processes:					
8456.10			– – For working stone, ceramics and like mineral materials	Free	Free
8456.10.01	00F	kg	– – For working stone, ceramics and like mineral materials	Free	Free
8456.10.09	00G	kg	– – For drilling plastics	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8456.10.19			– – Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	10K	kg	. . . For working metal or metal carbides		
	19C	kg	. . . Other		
8456.20			– Operated by ultrasonic processes:		
8456.20.01	00K	kg	– – For working stone, ceramics and like mineral materials	Free	Free
8456.20.09			– – Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	10H	kg	. . . For working metal or metal carbides		
	19A	kg	. . . Other		
8456.30.00			– Operated by electro-discharge processes	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	10D	No.	. . For working metal or metal carbides		
	19H	kg	. . Other		

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

**Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Machine-tools for working any material by removal, etc.—continued</b>					
8456.90			– Other:		
8456.90.01			– – For working stone, ceramics, concrete, asbestos-cement and like mineral materials, or for working glass in the cold, electro-chemical machine tools	Free	Free
	10B	kg	. . . Electro-chemical machine tools		
	19F	kg	. . . Other		
8456.90.09			– – Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	10C	kg	. . . For working metal or metal carbides:		
	15D	kg	. . . . Operated by electro-erosion or other electric or electronic process		
	19G	kg	. . . . Other		
<b>84.57</b>			<b>Machining centres, unit construction machines (single station) and multi-station transfer machines, for working metal:</b>		
8457.10.00	10E	No.	– Machining centres	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8457.20.00	00A	kg	– Unit construction machines (single station)	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8457.30.00	00E	kg	– Multi-station transfer machines	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
<b>84.58</b>			<b>Lathes (including turning centres) for removing metal:</b>		
			– Horizontal lathes:		
8458.11.00	10H	No.	– – Numerically controlled	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8458.19.00	00G	kg	– – Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			– Other lathes:		
8458.91.00	00K	kg	– – Numerically controlled	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—*continued*Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—*continued*

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Lathes (including turning centres) for removing metal—<i>continued</i></b> – Other lathes— <i>continued</i>		
8458.99.00	00F	kg	-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
<b>84.59</b>			<b>Machine-tools (including way-type unit head machines) for drilling, boring, milling, threading or tapping by removing metal, other than lathes (including turning centres) of heading 84.58:</b>		
8459.10.00	00D	kg	– Way-type unit head machines	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			– Other drilling machines:		
8459.21.00	00B	kg	-- Numerically controlled	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			-- Other		
8459.29.00	00J	kg	-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			– Other boring-milling machines:		
8459.31.00	00F	kg	-- Numerically controlled	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			-- Other		
8459.39.00	00B	kg	-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			– Other boring machines		
8459.40.00	00E	kg	– Other boring machines	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			– Milling machines, knee-type:		
8459.51.00	00C	kg	-- Numerically controlled	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Machine-tools (including way-type unit head, etc.—continued)</b> – Milling machines, knee-type—continued		
8459.59.00	00K	kg	-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			– Other milling machines:		
8459.61.00	00G	kg	-- Numerically controlled	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8459.69.00	00C	kg	-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8459.70.00	00F	kg	– Other threading or tapping machines	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
<b>84.60</b>			<b>Machine-tools for deburring, sharpening, grinding, honing, lapping, polishing or otherwise finishing metal or cermets by means of grinding stones, abrasives or polishing products, other than gear cutting, gear grinding or gear finishing machines of heading 84.61:</b> – Flat-surface grinding machines, in which the positioning in any one axis can be set up to an accuracy of at least 0.01 mm:		
8460.11.00	00B	kg	-- Numerically controlled	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8460.19.00	00J	kg	-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			– Other grinding machines, in which the positioning in any one axis can be set up to an accuracy of at least 0.01 mm:		
8460.21.00	00F	kg	-- Numerically controlled	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—*continued*Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—*continued*

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Machine-tools for deburring, sharpening, grinding, etc.—<i>continued</i></b> – Other grinding machines, in which the positioning in, etc.— <i>continued</i>		
8460.29.00	00B	kg	-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			– Sharpening (tool or cutter grinding) machines:		
8460.31.00	00K	kg	-- Numerically controlled	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8460.39.00	00F	kg	-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8460.40.00	00J	kg	– Honing or lapping machines	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8460.90.00	00G	kg	– Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
<b>84.61</b>			<b>Machine-tools for planing, shaping, slotting, broaching, gear cutting, gear grinding or gear finishing, sawing, cutting-off and other machine-tools working by removing metal or cermets, not elsewhere specified or included:</b>		
8461.20.00	00K	kg	– Shaping or slotting machines	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8461.30.00	00C	kg	– Broaching machines	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8461.40.00	00G	kg	– Gear cutting, gear grinding or gear finishing machines	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

**Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Machine-tools for planing, shaping, slotting, etc.—continued</b>					
8461.50.00	00L	kg	– Sawing or cutting-off machines	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8461.90.00			– Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	11L	kg	. . Planing machines		
	19F	kg	. . Other		
<b>84.62</b>	<b>Machine-tools (including presses) for working metal by forging, hammering or die-stamping; machine-tools (including presses) for working metal by bending, folding, straightening, flattening, shearing, punching or notching; presses for working metal or metal carbides, not specified above:</b>				
8462.10.00			– Forging or die-stamping machines (including presses) and hammers	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
	01B	kg	. . Forging and die-stamping		
	09H	kg	. . Other		
			– Bending, folding, straightening or flattening machines (including presses):		
8462.21.00	19C	kg	– – Numerically controlled	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
8462.29.00	10F	kg	– – Other	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—*continued*Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—*continued*

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Machine-tools (including presses) for working metal, etc.—<i>continued</i></b>					
– Shearing machines (including presses), other than combined punching and shearing machines:					
8462.31.00	00F	kg	-- Numerically controlled	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
8462.39.00	00B	kg	-- Other	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
– Punching or notching machines (including presses), including combined punching and shearing machines:					
8462.41.00	00K	kg	-- Numerically controlled	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
8462.49.00	10C	kg	-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
– Other:					
8462.91.00	00H	kg	-- Hydraulic presses	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Machine-tools (including presses) for working metal, etc.—continued</b> — Other—continued		
8462.99			-- Other:		
8462.99.01	00L	kg	--- Presses for moulding metallic powders by sintering; and presses for compressing metal scrap into bales	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
8462.99.09			--- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
<b>84.63</b>	01K 09E	kg kg	. . . . Presses . . . . Other		
			<b>Other machine-tools for working metal or cermets, without removing material:</b>		
8463.10.00	00B	kg	– Draw-benches for bars, tubes, profiles, wire or the like	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8463.20.00	00F	kg	– Thread rolling machines	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8463.30.00	00K	kg	– Machines for working wire	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8463.90.00	00A	kg	– Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
<b>84.64</b>			<b>Machine-tools for working stone, ceramics, concrete, asbestos-cement or like mineral materials or for cold working glass:</b>		
8464.10.00	10H	kg	– Sawing machines	Free	Free
8464.20.00	10A	kg	– Grinding or polishing machines	Free	Free
8464.90.00	10G	kg	– Other	Free	Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

## Chapter 84—continued

## Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>84.65</b>			<b>Machine-tools (including machines for nailing, stapling, glueing or otherwise assembling) for working wood, cork, bone, hard rubber, hard plastics or similar hard materials:</b>		
8465.10.00	00J	kg	– Machines which can carry out different types of machining operations without tool change between such operations	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			– Other:		
8465.91.00	00B	kg	-- Sawing machines	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8465.92.00	00G	kg	-- Planing, milling or moulding (by cutting) machines	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8465.93.00	00A	kg	-- Grinding, sanding or polishing machines	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8465.94.00	00F	kg	-- Bending or assembling machines	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8465.95.00	00L	kg	-- Drilling or morticing machines	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8465.96.00	00E	kg	-- Splitting, slicing or paring machines	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8465.99.00			-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01G	kg	. . . Plastics granulators		
	10F	kg	. . . Other		

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>84.66</b>			<b>Parts and accessories suitable for use solely or principally with the machines of headings 84.56 to 84.65, including work or tool holders, self-opening dieheads, dividing heads and other special attachments for machine-tools; tool holders for any type of tool for working in the hand:</b>		
8466.10.00			– Tool holders and self-opening dieheads	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			. . . Tool holders:		
	01E	. . . . .	. . . . . For non-mechanical hand tools		
	10D	. . . . .	. . . . . Other		
	29E	. . . . .	. . . . . Other		
8466.20.00	10H	. .	– Work holders	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8466.30.00	10A	. .	– Dividing heads and other special attachments for machine-tools	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			– Other:		
8466.91.00	10H	. .	– – For machines of heading 84.64	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8466.92.00	10B	. .	– – For machines of heading 84.65	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8466.93			– – For machines of headings 84.56 to 84.61:		
8466.93.01	00F	. .	– – – For the electro-chemical machine-tools of subheading 8456.90	Free	Free
8466.93.09	00G	. .	– – – For machine-tools for drilling plastics	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8466.93.19	10K	. .	– – – Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—*continued***Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—*continued***

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Parts and accessories suitable for use solely or, etc.—<i>continued</i></b>					
– Other— <i>continued</i>					
8466.94			– – For machines of heading 84.62 or 84.63:		
8466.94.01	00L	..	– – – For presses for moulding metallic powders by sintering; and presses for compressing metal scrap into bales	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8466.94.09	10J	..	– – – Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
<b>84.67 Tools for working in the hand, pneumatic, hydraulic or with self-contained electric or non-electric motor:</b>					
– Pneumatic:					
8467.11.00			– – Rotary type (including combined rotary-percussion)	5	Free AAN Free CN Free TH Free TPA Free
	11E	No.	. . . Rotary hammer drills		
	19L	No.	. . . Other		
8467.19.00	00F	..	– – Other	5	Free AAN Free CN Free TH Free TPA Free
– With self-contained electric motor:					
8467.21.00			– – Drills of all kinds	Free	Free
			. . . Battery powered:		
	11J	No.	. . . . Capable of holding a drill bit of a diameter of 13 mm or more		
	19D	No.	. . . . Other		
	29A	No.	. . . Other		
8467.22.00			– – Saws	Free	Free
			. . . Circular:		
	11C	No.	. . . . Capable of holding a blade of a diameter of 210 mm or more		
	19J	No.	. . . . Other		
	20B	No.	. . . Jigsaws		
	29F	No.	. . . Other		
8467.29.00			– – Other	Free	Free
	11E	No.	. . . Grinders		
	13A	No.	. . . Planers		
	15H	No.	. . . Routers; laminate trimmers		
	19L	No.	. . . Breakers		
			. . . Sanders and polishers:		
	21B	No.	. . . . Belt		
			. . . . Orbital:		
	23J	No.	. . . . . Random		
	29H	No.	. . . . . Other		
			. . . Garden tools:		
			. . . . Battery powered:		
	31K	No.	. . . . . Hedge trimmers		
	39E	No.	. . . . . Other		
			. . . . Other:		
	41G	No.	. . . . . Hedge trimmers		
	47F	No.	. . . . . Line trimmers		
	49B	No.	. . . . . Other		
	59K	No.	. . . Other		
– Other tools:					
8467.81.00	00E	No.	– – Chain saws	Free	Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

**Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Tools for working in the hand, pneumatic, etc.—continued</b>					
– Other tools—continued					
8467.89			– – Other:		
8467.89.10			– – – Hydraulic	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01E	..	.. . . . For handling earth, minerals or ores		
	05H	..	.. . . . Machinery for public works, building or the like		
	09L	No.	.. . . . Other		
8467.89.90	00L	..	– – – Other	5	Free AAN Free CN Free TH Free TPA Free
– Parts:					
8467.91.00	00J	..	– – Of chain saws	Free	Free
8467.92.00	00C	..	– – Of pneumatic tools	5	Free AAN Free CN Free TH Free TPA Free
8467.99			– – Other:		
8467.99.11	00G	No.	– – – Of hedge trimmers having self-contained electric motors	Free	Free
8467.99.19	00H	..	– – – Other	5	Free AAN Free CN Free TH Free TPA Free
<b>84.68</b>	<b>Machinery and apparatus for soldering, brazing or welding, whether or not capable of cutting, other than those of heading 85.15; gas-operated surface tempering machines and appliances:</b>				
8468.10.00	00C	kg	– Hand-held blow pipes	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8468.20.00	00G	kg	– Other gas-operated machinery and apparatus	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8468.80.00	00J	kg	– Other machinery and apparatus	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8468.90			– Parts:		
8468.90.01	00J	..	– – Of gas operated appliances	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—*continued*Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—*continued*

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Machinery and apparatus for soldering, brazing, etc.—<i>continued</i></b>					
<i>– Parts—<i>continued</i></i>					
8468.90.09	00K	..	-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
<b>84.69</b>					
8469.00.00	<b>Typewriters other than printers of headings 84.43; word-processing machines</b>			Free	Free
			. Automatic typewriters and word-processing machines:		
	10E	No.	. . . Word-processing machines		
	13K	No.	. . . Automatic typewriters		
			. Other typewriters, electric:		
	15F	No.	. . . Weighing not more than 12 kg, excluding case		
	17B	No.	. . . Other		
			. Other typewriters, non-electric:		
	19J	No.	. . . Weighing not more than 12 kg, excluding case		
	29F	No.	. . . Other		
<b>84.70</b>					
<b>Calculating machines and pocket-size data recording, reproducing and displaying machines with calculating functions; accounting machines, postage-franking machines, ticket-issuing machines and similar machines, incorporating a calculating device; cash registers:</b>					
8470.10	– Electronic calculators capable of operation without an external source of electric power and pocket-size data recording, reproducing and displaying machines with calculating functions:				
8470.10.10	-- Electronic calculators capable of operation without an external source of electric power			Free	Free
	01J	No.	. . . With built-in photovoltaic cells		
	05A	..	. . . Pocket-size data recording, reproducing and displaying machines with calculating functions		
	09D	No.	. . . Other		
8470.10.90	00D	..	-- Other	Free	Free
	– Other electronic calculating machines:				
8470.21.00	00C	No.	-- Incorporating a printing device	Free	Free
8470.29.00	00K	No.	-- Other	Free	Free
8470.30.00	00B	No.	– Other calculating machines	Free	Free
8470.50.00	00K	No.	– Cash registers	Free	Free
8470.90.00	– Other			Free	Free
	01B	No.	. . . Postage-franking machines		
	11K	No.	. . . Ticket-issuing machines which print tickets		
	15B	No.	. . . Accounting machines		
	19E	No.	. . . Other		
<b>84.71</b>					
<b>Automatic data processing machines and units thereof; magnetic or optical readers, machines for transcribing data onto data media in coded form and machines for processing such data, not elsewhere specified or included:</b>					
8471.30.00	00L	..	– Portable automatic data processing machines, weighing not more than 10 kg, consisting of at least a central processing unit, a keyboard and a display	Free	Free
	– Other automatic data processing machines:				
8471.41.00	10F	..	-- Comprising in the same housing at least a central processing unit and an input and output unit, whether or not combined	Free	Free
8471.49.00	-- Other, presented in the form of systems			Free	Free
	13G	..	. . . Central processing units		
	15C	..	. . . Input or output units		
	17K	..	. . . Storage units		
	19F	..	. . . Other		
8471.50.00	10E	..	– Processing units other than those of subheading 8471.41 or 8471.49, whether or not containing in the same housing one or two of the following types of unit: storage units, input units, output units	Free	Free
8471.60.00	00A	..	– Input or output units, whether or not containing storage units in the same housing	Free	Free
8471.70.00	– Storage units			Free	Free
	01C	..	. . . Separately consigned central (main) storage units		
	09J	..	. . . Other		

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Automatic data processing machines and units thereof, etc.—continued</b>					
8471.80.00	01G	..	– Other units of automatic data processing machines	Free	Free
		..	.. . . Peripheral units, including control and adapting units (connectable directly or indirectly to the central unit)		
	10F	..	.. . . Other		
8471.90.00			– Other	Free	Free
	01L	..	.. . . Peripheral units, including control and adapting units (connectable directly or indirectly to the central unit)		
	09F	..	.. . . Other		
<b>84.72</b>	<b>Other office machines (for example, hectograph or stencil duplicating machines, addressing machines, automatic banknote dispensers, coin-sorting machines, coin-counting or wrapping machines, pencil-sharpening machines, perforating or stapling machines):</b>				
8472.10.00	00A	No.	– Duplicating machines	Free	Free
8472.30.00	00J	No.	– Machines for sorting or folding mail or for inserting mail in envelopes or bands, machines for opening, closing or sealing mail and machines for affixing or cancelling postage stamps	Free	Free
8472.90			– Other:		
8472.90.01	00G	..	-- Perforating and stapling machines	5	Free AAN Free CN Free TH Free TPA Free
8472.90.09			-- Other	Free	Free
	01F	No.	.. . . For sorting, counting, wrapping or paying out coins or banknotes		
	10E	No.	.. . . Addressing machines and address plate embossing machines		
	19J	..	.. . . Other		
<b>84.73</b>	<b>Parts and accessories (other than covers, carrying cases and the like) suitable for use solely or principally with machines of headings 84.69 to 84.72:</b>				
8473.10.00	00K	..	– Parts and accessories of the machines of heading 84.69	Free	Free
			– Parts and accessories of the machines of heading 84.70:		
8473.21.00	00H	..	-- Of the electronic calculating machines of subheading 8470.10, 8470.21 or 8470.29	Free	Free
8473.29.00	00D	..	-- Other	Free	Free
8473.30.00	10D	..	– Parts and accessories of the machines of heading 84.71	Free	Free
8473.40.00	10H	..	– Parts and accessories of the machines of heading 84.72	Free	Free
8473.50.00	10A	..	– Parts and accessories equally suitable for use with machines of two or more of the headings 84.69 to 84.72	Free	Free
<b>84.74</b>	<b>Machinery for sorting, screening, separating, washing, crushing, grinding, mixing or kneading earth, stone, ores or other mineral substances, in solid (including powder or paste) form; machinery for agglomerating, shaping or moulding solid mineral fuels, ceramic paste, unhardened cements, plastering materials or other mineral products in powder or paste form; machines for forming foundry moulds of sand:</b>				
8474.10.00	00H	kg	– Sorting, screening, separating or washing machines	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8474.20.00			– Crushing or grinding machines	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01K	kg	.. . . Jaw crushers		
	09E	kg	.. . . Other		

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—*continued***Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—*continued***

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Machinery for sorting, screening, separating, washing, etc.—<i>continued</i></b>					
– Mixing or kneading machines:					
8474.31.00	00K	kg	-- Concrete or mortar mixers	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8474.32.00	00D	kg	-- Machines for mixing mineral substances with bitumen	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8474.39.00	00F	kg	-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8474.80			– Other machinery:		
8474.80.01	00K	kg	-- Machines for forming foundry moulds of sand	Free	Free
8474.80.09			-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01J	kg	. . . Ring-type grinders of a kind used in laboratories		
	09D	kg	. . . Other		
8474.90			– Parts:		
8474.90.01	00C	..	-- Of machines for forming foundry moulds of sand	Free	Free
8474.90.09			-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01B	..	. . . Of ring-type grinders of a kind used in laboratories		
	09H	..	. . . Other		
<b>84.75</b>			<b>Machines for assembling electric or electronic lamps, tubes or valves or flash-bulbs, in glass envelopes; machines for manufacturing or hot working glass or glassware:</b>		
8475.10.00	00F	..	– Machines for assembling electric or electronic lamps, tubes or valves or flashbulbs, in glass envelopes	Free	Free
			– Machines for manufacturing or hot working glass or glassware:		
8475.21.00	00D	..	-- Machines for making optical fibres and preforms thereof	Free	Free
8475.29.00	00L	..	-- Other	Free	Free
8475.90.00	00E	..	– Parts	Free	Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>84.76</b>			<b>Automatic goods-vending machines (for example, postage stamp, cigarette, food or beverage machines), including money-changing machines:</b>		
			– Automatic beverage-vending machines:		
8476.21.00	00B	..	-- Incorporating heating or refrigerating devices	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8476.29.00	00J	..	-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			– Other machines:		
8476.81.00	00D	..	-- Incorporating heating or refrigerating devices	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8476.89.00	00L	..	-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8476.90.00	00C	..	– Parts	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
<b>84.77</b>			<b>Machinery for working rubber or plastics or for the manufacture of products from these materials, not specified or included elsewhere in this Chapter:</b>		
8477.10.00			– Injection-moulding machines	5	AAN Free CA 2 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	10K 19C	No. ..	.. Plastics injection-moulding .. Other		
8477.20.00			– Extruders	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	10C 19G	No. ..	.. Plastics extrusion machines .. Other		

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—*continued*Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—*continued*

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Machinery for working rubber or plastics or for the, etc.—<i>continued</i></b>					
8477.30.00	10G	No.	– Blow moulding machines	5	AAN Free CA 2 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8477.40.00	10L	..	– Vacuum moulding machines and other thermoforming machines	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8477.51.00	00A	..	– Other machinery for moulding or otherwise forming: – – For moulding or retreading pneumatic tyres or for moulding or otherwise forming inner tubes	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8477.59.00	10E	..	– – Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8477.80.00	10E	No.	– Other machinery	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8477.90			– Parts:		
8477.90.01	10E	..	– – Dies for extruding plastics	Free	Free
8477.90.09	10F	..	– – Of plastics injection and blow moulding machines	5	AAN Free CA 2 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8477.90.19	10A	..	– – Other	5	AAN Free CA 2 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
<b>84.78</b>			<b>Machinery for preparing or making up tobacco, not specified or included elsewhere in this Chapter:</b>		
8478.10.00	00L	No.	– Machinery	5	AAN 1/2011 3 1/2012 Free CA 2 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

**Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Machinery for preparing or making up tobacco, etc.—continued</b>					
8478.90.00	00K	No.	– Parts	5	AAN Free CA 2 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
<b>84.79</b>					
<b>Machines and mechanical appliances having individual functions, not specified or included elsewhere in this Chapter:</b>					
8479.10.00	00J	..	– Machinery for public works, building or the like	5	AAN Free CA 2 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8479.20.00	00B	..	– Machinery for the extraction or preparation of animal or fixed vegetable fats or oils	5	AAN Free CA 2 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8479.30.00	00F	..	– Presses for the manufacture of particle board or fibre building board of wood or other ligneous materials and other machinery for treating wood or cork	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8479.40.00	00K	..	– Rope or cable-making machines	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8479.50.00			– Industrial robots, not elsewhere specified or included	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8479.60.00	10L 15A 19D 00G	No. kg No. No.	.. For treating metal, including electric wire coil-winders .. Mixing, kneading, crushing, grinding, screening, sifting, homogenising, emulsifying or stirring machines .. Other – Evaporative air coolers	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8479.81.00	00J	No.	– Other machines and mechanical appliances: – For treating metal, including electric wire coil-winders	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—*continued*Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—*continued*

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Machines and mechanical appliances having, etc.—<i>continued</i></b> — Other machines and mechanical appliances— <i>continued</i>		
8479.82.00	00C	kg	-- Mixing, kneading, crushing, grinding, screening, sifting, homogenising, emulsifying or stirring machines	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8479.89.00			-- Other	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01C	kg	. . . Under-water blow pipes		
	09J	kg	. . . Apparatus for cutting or piercing rock or concrete, by burning iron or steel in a jet of oxygen		
	11L	No.	. . . Sanitary units, water flushing, or chemical recirculating		
	19F	No.	. . . Vats and other vessels fitted with mechanical devices		
	29C	No.	. . . Motor vehicle assembly jigs		
	41B	No.	. . . Dehumidifiers		
	49H	No.	. . . Other		
8479.90			— Parts:		
8479.90.01	00D	..	-- Of under-water blow pipes; of apparatus for cutting or piercing rock or concrete, by burning iron or steel in a jet of oxygen	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8479.90.09			-- Other	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01C	..	. . . . Of sanitary units, water flushing, or chemical recirculating		
	09J	..	. . . . Of vats and other vessels fitted with mechanical devices		
	29C	..	. . . . Other		
<b>84.80</b>			<b>Moulding boxes for metal foundry; mould bases; moulding patterns; moulds for metal (other than ingot moulds), metal carbides, glass, mineral materials, rubber or plastics:</b>		
8480.10.00	00B	..	— Moulding boxes for metal foundry	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8480.20.00	00F	..	— Mould bases	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Moulding boxes for metal foundry; mould bases, etc.—continued</b>					
8480.30			– Moulding patterns:		
8480.30.01	00F	No.	-- Of plastics	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8480.30.09			-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01E	..	. . . . Of aluminium		
	09L	..	. . . . Of copper		
	11B	..	. . . . Of iron or steel		
	19H	..	. . . . Other		
			– Moulds for metal or metal carbides:		
8480.41.00	00H	..	-- Injection or compression types	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8480.49.00	00D	..	-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8480.50.00	00G	..	– Moulds for glass	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8480.60.00	00L	..	– Moulds for mineral materials	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			– Moulds for rubber or plastics:		
8480.71			-- Injection or compression types:		
8480.71.01	10B	No.	--- For plastics	Free	Free
8480.71.09	10C	..	--- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8480.79			-- Other:		
8480.79.01	01K 09E	No. No.	--- For plastics . . . . Blow moulds . . . . Other	Free	Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—*continued*Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—*continued*

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Moulding boxes for metal foundry; mould bases, etc.—<i>continued</i></b> — Moulds for rubber or plastics— <i>continued</i> — — Other— <i>continued</i>		
8480.79.09	00B	..	— — — Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
<b>84.81</b>			<b>Taps, cocks, valves and similar appliances for pipes, boiler shells, tanks, vats or the like, including pressure-reducing valves and thermostatically controlled valves:</b>		
8481.10.00	00L	No.	— Pressure-reducing valves	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8481.20.00	00D	No.	— Valves for oleohydraulic or pneumatic transmissions	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8481.30.00	00H	No.	— Check (nonreturn) valves	5	AAN 1/2010 Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8481.40.00	00A	No.	— Safety or relief valves	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8481.80			— Other appliances:		
8481.80.01	00B	..	— — Taps, cocks and valves for motor vehicles, other than engine valves	Free	Free
8481.80.09	00C	..	— — Valves for pneumatic tyres and tubes	Free	Free
8481.80.11	00H	..	— — Petrol dispensing nozzles, automatic shut-off type, other than of copper alloy	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Taps, cocks, valves and similar appliances for pipes, etc.—continued</b>		
			– Other appliances—continued		
8481.80.19			-- Other	5	AAN 1/2017 3 1/2020 Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01G	No. . . .	Aerosol valves		
	09B	No. . . .	Air control or pneumatic valves		
	11D	No. . . .	Air relief valves		
	19K	No. . . .	Anti-vacuum valves or vacuum breakers		
	21A	No. . . .	Automatic process control valves		
	29G	No. . . .	Ball or spherical plug valves		
	31J	No. . . .	Ball float or level control valves		
	39D	No. . . .	Butterfly valves		
	41F	No. . . .	Diaphragm valves		
	49A	No. . . .	Gate valves		
	51C	No. . . .	Globe, stop, piston, angle, radiator and needle valves		
	59J	No. . . .	Hydraulic or flow control valves		
	61L	No. . . .	Pinch valves		
	69F	No. . . .	Plug cocks and valves		
	71H	No. . . .	Quick release couplings		
	79C	No. . . .	Refrigeration valves		
	81E	No. . . .	Solenoid valves		
	89L	No. . . .	Steam traps		
	91B	No. . . .	Taps, cocks and valves for use as water plumbing fittings		
	95E	No. . . .	Thermostatic and thermoscopic mixing valves		
	99H	No. . . .	Other		
8481.90			– Parts:		
8481.90.01	00F	..	-- Of taps, cocks and valves for motor vehicles, other than of engine valves	Free	Free
8481.90.09	00G	..	-- Of valves for pneumatic tyres and tubes	Free	Free
8481.90.11	00A	..	-- Of petrol dispensing nozzles, automatic shut-off type, other than of copper alloy	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8481.90.19			-- Other	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01L	.. . . .	Of aerosol valves		
	05C	.. . . .	Of air control or pneumatic valves		
	09F	.. . . .	Of air relief valves		
	11H	.. . . .	Of anti-vacuum valves or vacuum breakers		
	15L	.. . . .	Of automatic process control valves		
	19C	.. . . .	Of ball or spherical plug valves		
	21E	.. . . .	Of ball float or level control valves		
	25H	.. . . .	Of butterfly valves		
	29L	.. . . .	Of check valves		
	31B	.. . . .	Of diaphragm valves		
	35E	.. . . .	Of gate valves		
	39H	.. . . .	Of globe, stop, piston, angle, radiator and needle valves		
	41K	.. . . .	Of hydraulic or flow control valves		
	45B	.. . . .	Of pinch valves		
	49E	.. . . .	Of plug cocks and valves		
	51G	.. . . .	Of pressure control and regulating valves		
	55K	.. . . .	Of quick release couplings		
	59B	.. . . .	Of refrigeration valves		
	61D	.. . . .	Of relief and safety valves		
	65G	.. . . .	Of solenoid valves		
	69K	.. . . .	Of steam traps		
	71A	.. . . .	Of taps, cocks and valves for use as water plumbing fittings		
	79G	.. . . .	Of thermostatic and thermoscopic mixing valves		
	89D	.. . . .	Other		

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

## Chapter 84—continued

## Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>84.82</b>			<b>Ball or roller bearings:</b>		
8482.10.00	00J	..	– Ball bearings	Free	Free
8482.20.00	00B	..	– Tapered roller bearings, including cone and tapered roller assemblies	Free	Free
8482.30.00	00F	..	– Spherical roller bearings	Free	Free
8482.40.00	00K	..	– Needle roller bearings	Free	Free
8482.50.00	00C	..	– Other cylindrical roller bearings	Free	Free
8482.80.00	00D	..	– Other, including combined ball/roller bearings	Free	Free
			– Parts:		
8482.91.00	00B	..	– – Balls, needles and rollers	Free	Free
8482.99.00	00J	..	– – Other	Free	Free
<b>84.83</b>			<b>Transmission shafts (including cam shafts and crank shafts) and cranks; bearing housings and plain shaft bearings; gears and gearing; ball or roller screws; gear boxes and other speed changers, including torque converters; flywheels and pulleys, including pulley blocks; clutches and shaft couplings (including universal joints):</b>		
8483.10			– Transmission shafts (including cam shafts and crank shafts) and cranks:		
8483.10.01	00C	..	– – Crank shafts and cam shafts for internal combustion engines	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free GB Free TH Free TPA Free
			– – Other:		
8483.10.11	00J	..	– – – Designed for use solely or principally with a particular machine or appliance		The rates applicable to the machine or appliance for which the article has been designed AAN 1/2012 Free
8483.10.19			– – – Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01H	No.	. . . . Power take-off shafts		
	09C	..	. . . . Other		
8483.20			– Bearing housings, incorporating ball or roller bearings:		
8483.20.01	00G	..	– – Designed for use solely or principally with a particular machine or appliance		The rates applicable to the machine or appliance for which the article has been designed AAN 1/2012 Free
8483.20.09	00H	..	– – Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8483.30			– Bearing housings, not incorporating ball or roller bearings; plain shaft bearings:		
8483.30.01	00L	..	– – Designed for use solely or principally with a particular machine or appliance		The rates applicable to the machine or appliance for which the article has been designed AAN 1/2012 Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Transmission shafts (including cam shafts and crank, etc.—continued</b> — Bearing housings, not incorporating ball or roller, etc.—continued		
8483.30.09	00A	..	-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8483.40			— Gears and gearing, other than toothed wheels, chain sprockets and other transmission elements presented separately; ball or roller screws; gear boxes and other speed changers, including torque converters: -- Designed for use solely or principally with a particular machine or appliance:		
8483.40.10	00C	..	--- Roller screws	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8483.40.20	00J	..	--- Other		The rates applicable to the machine or appliance for which the article has been designed
8483.40.90			-- Other	5	AAN 1/2012 Free AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01E	..	. . . . Roller screws		
	09L	..	. . . . Other		
8483.50			— Flywheels and pulleys, including pulley blocks:		
8483.50.01	00H	No.	-- Pulley blocks	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
			-- Other:		
8483.50.11	00C	..	--- Designed for use solely or principally with a particular machine or appliance		The rates applicable to the machine or appliance for which the article has been designed
8483.50.19			--- Other	5	AAN 1/2012 Free AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01B	..	. . . . Cast iron vee pulleys		
	09H	..	. . . . Other		

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

## Chapter 84—continued

## Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Transmission shafts (including cam shafts and crank, etc.—continued</b>		
8483.60			– Clutches and shaft couplings (including universal joints):		
8483.60.01	00A	..	– – Designed for use solely or principally with a particular machine or appliance		The rates applicable to the machine or appliance for which the article has been designed
					AAN 1/2012 Free
8483.60.09	00B	..	– – Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8483.90			– Toothed wheels, chain sprockets and other transmission elements presented separately; parts:		
8483.90.01	00B	..	– – Designed for use solely or principally with a particular machine or appliance		The rates applicable to the machine or appliance for which the article has been designed
					AAN 1/2012 Free
8483.90.09	00C	..	– – Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
<b>84.84</b>			<b>Gaskets and similar joints of metal sheeting combined with other material or of two or more layers of metal; sets or assortments of gaskets and similar joints, dissimilar in composition, put up in pouches, envelopes or similar packings; mechanical seals:</b>		
8484.10.00	00E	..	– Gaskets and similar joints of metal sheeting combined with other material or of two or more layers of metal	Free	Free
8484.20.00	00J	..	– Mechanical seals	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8484.90.00	00D	..	– Other	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
<b>84.86</b>			<b>Machines and apparatus of a kind used solely or principally for the manufacture of semiconductor boules or wafers, semiconductor devices, electronic integrated circuits or flat panel displays; machines and apparatus specified in Note 9 (C) to this Chapter; parts and accessories:</b>		
8486.10			– Machines and apparatus for the manufacture of boules or wafers:		
8486.10.01	00H	No.	– – Centrifuges, including centrifugal dryers	Free	Free
			– – Machine-tools for working semiconductor material:		
8486.10.05	00C	kg	– – – By removal of material, by laser or other light or photon beam, electro-chemical, electron beam, ionic-beam or plasma arc processes	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Machines and apparatus of a kind used solely or, etc.—continued</b> — Machines and apparatus for the manufacture of boules, etc.—continued — Machine-tools for working semiconductor material—continued		
8486.10.09	00J	kg	--- Other	Free	Free
			--- Machines and apparatus for the treatment of semiconductor materials by a process involving a change of temperature:		
8486.10.11	00C	..	--- Furnaces and ovens	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8486.10.15	00J	..	--- Other	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			--- Other machines and apparatus:		
8486.10.17	00A	No.	--- Mechanical appliances	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8486.10.19	00D	..	--- Other	Free	AAN 1/2017 3 1/2020 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8486.20			— Machines and apparatus for the manufacture of semiconductor devices or of electronic integrated circuits:		
8486.20.01	00A	No.	--- Centrifuges, including centrifugal dryers	Free	Free
8486.20.05	00G	..	--- Spraying appliances for etching, stripping or cleaning, and the like	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			--- Machine-tools for working semiconductor material:		
			--- By removal of material, by laser or other light or photon beam, electro-chemical, electron beam, ionic-beam or plasma arc processes:		
8486.20.09			---- For dry-etching patterns on semiconductor materials	Free	Free
			..... For working mineral materials, electro-chemical machine-tools:		
	10K	kg	..... Electro-chemical machine-tools		
	15L	kg	..... Other		
			..... Other:		
			..... For working metal or metal carbides:		
	19C	kg	..... Operated by electro-erosion or other electric or electronic process		
	25H	kg	..... Other		
	29L	kg	..... Other		
8486.20.11	00G	kg	---- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—*continued*Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—*continued*

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Machines and apparatus of a kind used solely or, etc.—<i>continued</i></b> — Machines and apparatus for the manufacture of, etc.— <i>continued</i> — Machine-tools for working semiconductor material— <i>continued</i>					
8486.20.15	00B	kg	--- By bending, folding, straightening or flattening	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
8486.20.19	00H	kg	--- By stapling, glueing or otherwise assembling	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8486.20.21	00B	kg	--- Other -- Machinery for working rubber or plastics, suitable for use solely or principally in the manufacture of semiconductor devices or of electronic circuits:	Free	Free
8486.20.25	00H	No.	--- Blow moulding machines	5	AAN Free CA 2 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8486.20.29	00C	..	--- Other  -- Machines and apparatus for the treatment of semiconductor materials by a process involving a change of temperature:	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8486.20.31	00H	..	--- Furnaces and ovens	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8486.20.35	00C	..	--- Other	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8486.20.39			-- Apparatus for the projection or drawing of circuit patterns on sensitised semiconductor materials	Free	Free
	10F	..	. . . Direct write-on-wafer apparatus		
	19K	..	. . . Step and repeat aligners		
	29G	..	. . . Other		
8486.20.41	00C	..	-- Ion implanters for doping semiconductor materials	Free	Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—continued

Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Machines and apparatus of a kind used solely or, etc.—continued</b> —Machines and apparatus for the manufacture of, etc.—continued					
8486.20.45	00J	..	-- Electric welding machines and apparatus; electric machines for hot spraying of metals or cermets	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8486.20.49	00D	..	-- Other machines and apparatus: --- Mechanical appliances	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8486.20.59	00K	..	--- Other	5	AAN 1/2017 3 1/2020 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8486.30			-- Machines and apparatus for the manufacture of flat panel displays:		
8486.30.01	00E	No.	-- Centrifuges, including centrifugal dryers	Free	Free
8486.30.05	00L	..	-- Spraying appliances for etching, developing, stripping or cleaning, and the like	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8486.30.09	00F	..	-- Machine-tools for working material: --- By removal of material, by laser or other light or photon beam, ultrasonic, electro-discharge, electro-chemical, electron beam, ionic-beam or plasma arc processes	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8486.30.15	00F	kg	--- Other	Free	Free
8486.30.19	00A	No.	-- Industrial robots	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8486.30.21	00F	..	-- Photographic apparatus and equipment	5	AAN Free CA Free CN Free LDC 4 TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—*continued*Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—*continued*

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Machines and apparatus of a kind used solely or, etc.—<i>continued</i></b> — Machines and apparatus for the manufacture of flat, etc.— <i>continued</i> — Other machines and apparatus:		
8486.30.25	00A	No.	— — — Mechanical appliances	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8486.30.29	00G	..	— — — Other	5	AAN 1/2017 3 1/2020 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8486.40			— Machines and apparatus specified in Note 9 (C) to this Chapter:		
8486.40.01	00J	..	— — Lifting, handling, loading or unloading machinery	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8486.40.05	00D	No.	— — Machines and apparatus for soldering, brazing or welding; machines and apparatus for hot spraying of metals or cermets	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8486.40.09	00K	..	— — Microscopes; diffraction apparatus	Free	Free
8486.40.11	00D	..	— — Drawing, marking-out or mathematical calculating instruments	Free	Free
			— — Machines and apparatus for working rubber or plastics:		
8486.40.15	00K	..	— — — Injection-moulding machines	5	AAN Free CA 2 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8486.40.19	00E	..	— — — Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			— — Injection or compression type moulds for rubber or plastics:		
8486.40.21	00K	No.	— — — For plastics	Free	Free
8486.40.25	00E	..	— — — Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—*continued*

**Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—*continued***

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Machines and apparatus of a kind used solely or, etc.—<i>continued</i></b> — Machines and apparatus specified in Note 9 (C), etc.— <i>continued</i> — Machine-tools for working other materials:		
8486.40.29	00L	kg	--- By removal of material, by electro-chemical, electron beam, ionic-beam or plasma arc processes	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8486.40.31	00E	kg	--- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			--- Other machines and apparatus:		
8486.40.35	00L	No.	--- Mechanical appliances	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8486.40.39	00F	..	--- Other	5	AAN 1/2017 3 1/2020 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8486.90			— Parts and accessories:		
8486.90.01	00G	..	— Of apparatus for the projection or drawing of circuit patterns and other photographic apparatus	5	AAN Free CA Free CN Free LDC 4 TH Free TPA Free
8486.90.05	00B	..	— Parts of centrifuges, including centrifugal dryers	Free	Free
8486.90.09	00H	..	— Of drawing, marking-out or mathematical calculating instruments	Free	Free
8486.90.11	00B	..	— Parts of lifting, handling, loading or unloading machinery	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8486.90.15	00H	..	— Parts of machines and apparatus for soldering, brazing or welding; of machines and apparatus for hot spraying of metals or cermets	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

Chapter 84—*continued*Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—*continued*

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Machines and apparatus of a kind used solely or, etc.—<i>continued</i></b>					
– Parts and accessories— <i>continued</i>					
– – Parts of machines and apparatus for the treatment of semiconductor materials by a process involving a change of temperature:					
8486.90.19	00C	..	– – – Of furnaces and ovens	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8486.90.21	00H	..	– – – Other	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
– – Parts of machine tools for working rubber or plastics:					
8486.90.25	00C	..	– – – Dies for extruding plastics	Free	Free
8486.90.29	00J	..	– – – Other	5	AAN Free CA 2 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8486.90.31	00C	..	– – Parts of machine tools for working other materials	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8486.90.35	00J	..	– – Of microscopes; of diffraction apparatus	Free	Free
8486.90.39	00D	..	– – Parts of spraying appliances for etching, developing, stripping or cleaning, and the like	Free	Free
– – Parts of other electrical machines and apparatus:					
8486.90.41	00J	..	– – – Of particle accelerators	Free	Free
8486.90.45	00D	..	– – – Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8486.90.49	00K	..	– – Other	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

Chapter 84—continued

**Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>84.87</b>			<b>Machinery parts, not containing electrical connectors, insulators, coils, contacts or other electrical features, not specified or included elsewhere in this Chapter:</b>		
8487.10.00	00K	..	– Ships' or boats' propellers and blades therefor	5	Free AAN Free CN Free TH Free TPA Free
8487.90			– Other:		
8487.90.01	00E	..	-- Lubricators, grease cups, grease nipples	Free	Free
8487.90.09	00F	..	-- Other	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

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\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.