

## CHAPTER 84

### 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;
  - (g) Radiators for the articles of Section XVII; or
  - (h) 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, Plant or laboratory equipment 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:

- (a) Ink-jet printing machines (heading 84.43); or
  - (b) Water-jet cutting machines (heading 84.56).
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.

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 9(a) and 9(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 (LED).

(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;

(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 8465.20, the term “machining centres” applies only to machine-tools for working wood, cork, bone, hard rubber, hard plastics or similar hard materials, which can carry out different types of machining operations by automatic tool change from a magazine or the like in conformity with a machining programme.
2. 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(C) 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).
3. For the purposes of subheading 8481.20, the expression “valves for oleohydraulic or pneumatic transmissions” means valves which are used specifically in the transmission of “fluid power” in a hydraulic or pneumatic system, where the energy source is supplied in the form of pressurised fluids (liquid or gas). These valves may be of any type (for example, pressure-reducing type, check type). Subheading 8481.20 takes precedence over all other subheadings of heading 84.81.
4. Subheading 84.82.40 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.

### **Additional CARICOM Guideline.**

- 1 Heading 84.83, does not cover transmission equipment (e.g., gear boxes, transmission shafts, clutches, differentials, etc.) which are designed for use solely or principally with vehicles or aircraft (Section XVII); however, this exclusion does not apply to internal parts of vehicle or aircraft engines - these parts remain classified in 84.83. For example, a crank shaft or a cam shaft remains in 84.83 if it is specialised for a motor car engine; but motor car transmission (propeller) shafts, gear boxes and differentials fall in heading 87.08. It should further be noted that transmission equipment of the type described in 84.83 remains classified in that heading even if it is specially designed for ships.

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HS	CE T	PR 1	DESCRIPTION OF GOODS	DUTY RATE	UNIT	SITC REV 4
<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		- Nuclear reactors	Free	kg	718.71
8401.20	00		- Machinery and apparatus for isotopic separation, and parts thereof	Free	kg	728.47
8401.30	00		- Fuel elements (cartridges), non-irradiated	Free	kg	718.77
8401.40	00		- Parts of nuclear reactors	Free	kg	718.78
<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>			
8402.10	00		- Steam or other vapour generating boilers:			
8402.11	00		- - Watertube boilers with a steam production exceeding 45 tonnes per hour	Free	kg/ea	711.111
8402.12	00		- - Watertube boilers production not exceeding 45 tonnes per hour	Free	kg/ea	711.112
8402.19	00		- - Other vapour generating boilers, including including hybrid boilers	Free	kg/ea	711.119
8402.20	00		- Super-heated water boilers	Free	kg/ea	711.12
8402.90	00		- Parts	Free	kg/ea	711.91
<b>84.03</b>			<b>Central heating boilers other than those of heading 84.02.</b>			
8403.10	00		- Boilers	Free	kg/ea	812.17
8403.90	00		- Parts	Free	kg	812.19
<b>84.04</b>			<b>Auxiliary plant for use with boilers of heading 84.02 or 84.03 (for example, economizers, super-heaters, soot removers, gas recoverers); condensers for steam or other vapour power units.</b>			
8404.10	00		- Auxiliary plant for use with boilers of heading 84.02 or 84.03	Free	kg/ea	711.21
8404.20	00		- Condensers for steam or other vapour power units	Free	kg/ea	711.22
8404.90	00		- Parts	Free	kg/ea	711.92
<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>			

HS	CE T	PR 1	DESCRIPTION OF GOODS	DUTY RATE	UNIT	SITC REV 4
8405.10	00		- 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	Free	kg	741.71
8405.90	00		- Parts	Free	kg	741.72
<b>84.06</b>			<b>Steam turbines and other vapour turbines.</b>			
8406.10	00		- Turbines for marine propulsion	Free	kg/ea	712.11
8406.80	00		- Other turbines:			
8406.81	00		-- Of an output exceeding 40 MW	Free	kg/ea	712.191
8406.82	00		-- Of an output not exceeding 40 MW	Free	kg/ea	712.199
8406.90	00		- Parts	Free	kg	712.8
<b>84.07</b>			<b>Spark-ignition reciprocating or rotary internal combustion piston engines.</b>			
8407.10	00		- Aircraft engines	Free	kg/ea	713.11
8407.20	00		- Marine propulsion engines:			
8407.21	00		-- Outboard motors:			
8407.21	00	10	-- Outboard motors not exceeding 150hp	5%	kg/ea	713.31
8407.21	00	90	-- Other	5%	kg/ea	713.31
8407.29	00		-- Other	5%	kg/ea	713.32
8407.30	00		- Reciprocating piston engines of a kind used for the propulsion of vehicles of Chapter 87:			
8407.31	00		-- Of a cylinder capacity not exceeding 50 cc	5%	kg/ea	713.211
8407.32	00		-- Of a cylinder capacity exceeding 50 cc but not exceeding 250 cc	5%	kg/ea	713.212
8407.33	00		-- Of a cylinder capacity exceeding 250 cc but not exceeding 1,000 cc	10%	kg/ea	713.213
8407.34	00		-- Of a cylinder capacity exceeding 1,000 cc	10%	kg/ea	713.22
8407.90	00		- Other engines	5%	kg/ea	713.81
<b>84.08</b>			<b>Compression-ignition internal combustion piston engines (diesel or semi-diesel engines).</b>			
8408.10	00		- Marine propulsion engines	5%	kg/ea	713.33
8408.20	00		- Engines of a kind used for the propulsion of vehicles of Chapter 87	10%	kg/ea	713.23
8408.90	00		- Other engines	5%	kg/ea	713.82
<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		- For aircraft engines	Free	kg	713.19
8409.90	00		- Other:			
8409.91	00		-- Suitable for use solely or principally with spark-ignition internal combustion piston engines:			

HS	CE T	PR 1	DESCRIPTION OF GOODS	DUTY RATE	UNIT	SITC REV 4
8409.91	10		- - - For road motor vehicles	10%	kg	713.911
8409.91	20		- - - For marine craft	5%	kg	713.912
8409.91	90		- - -Other	5%	kg	713.919
8409.99	00		- - Other:			
8409.99	10		- - - For road motor vehicles	10%	kg	713.921
8409.99	20		- - - For marine craft	5%	kg	713.922
8409.99	90		- - - Other	5%	kg	713.929
<b>84.10</b>			<b>Hydraulic turbines, water wheels, and regulators therefor.</b>			
8410.10	00		- Hydraulic turbines and water wheels:			
8410.11	00		- - Of a power not exceeding 1,000 kW	Free	kg/ea	718.111
8410.12	00		- - Of a power exceeding 1,000 kW but not exceeding 10,000 kW	Free	kg/ea	718.112
8410.13	00		- - Of a power exceeding 10,000 kW	Free	kg/ea	718.113
8410.90	00		- Parts, including regulators	Free	kg/ea	718.19
<b>84.11</b>			<b>Turbo-jets, turbo-propellers and other gas turbines.</b>			
8411.10	00		- Turbo-jets:			
8411.11	00		- - Of a thrust not exceeding 25 kN	Free	kg/ea	714.411
8411.12	00		- - Of a thrust exceeding 25 kN	Free	kg/ea	714.412
8411.20	00		- Turbo-propellers:			
8411.21	00		- - Of a power not exceeding 1,100 kW	Free	kg/ea	714.811
8411.22	00		- - Of a power exceeding 1,100 kW	Free	kg/ea	714.812
8411.80	00		- Other gas turbines:			
8411.81	00		- - Of a power not exceeding 5,000 kW	Free	kg/ea	714.891
8411.82	00		- - Of a power exceeding 5,000 kW	Free	kg/ea	714.892
8411.90	00		- Parts:			
8411.91	00		- - Of turbo-jets or turbo-propellers	Free	kg	714.91
8411.99	00		- - Other	Free	kg	714.99
<b>84.12</b>			<b>Other engines and motors.</b>			
8412.10	00		- Reaction engines other than turbo-jets	5%	kg/ea	714.49
8412.20	00		- Hydraulic power engines and motors:			
8412.21	00		- - Linear acting (cylinders)	5%	kg/ea	718.91
8412.29	00		- - Other	5%	kg/ea	718.931
8412.30	00		- Pneumatic power engines and motors:			
8412.31	00		- - Linear acting (cylinders)	5%	kg/ea	718.92
8412.39	00		- - Other	5%	kg/ea	718.932
8412.80	00		- Other	5%	kg/ea	718.939
8412.90	00		- Parts	5%	kg	718.99



HS	CE T	PR 1	DESCRIPTION OF GOODS	DUTY RATE	UNIT	SITC REV 4
<b>84.13</b>			<b>Pumps for liquids, whether or not fitted with a measuring device; liquid elevators.</b>			
8413.10	00		- Pumps fitted or designed to be fitted with a measuring device:			
8413.11	00		- - Pumps for dispensing fuel or lubricants, of the type used in filling-stations or in garages	5%	kg/ea	742.11
8413.19	00		- - Other	5%	kg/ea	742.19
8413.20	00		- Hand pumps, other than those of subheading 8413.11 or 8413.19	5%	kg/ea	742.711
8413.30	00		- Fuel, lubricating or cooling medium pumps for internal combustion piston engines	10%	kg/ea	742.2
8413.40	00		- Concrete pumps	5%	kg/ea	742.3
8413.50	00		- Other reciprocating positive displacement pumps	5%	kg/ea	742.4
8413.60	00		- Other rotary positive displacement pumps	5%	kg/ea	742.5
8413.70	00		- Other centrifugal pumps	5%	kg/ea	742.6
8413.80	00		- Other pumps; liquid elevators:			
8413.81	00		- - Pumps	5%	kg/ea	742.712
8413.82	00		- - Liquid elevators	5%	kg/ea	742.75
8413.90	00		- Parts:			
8413.91	00		- - Of pumps:			
8413.91	10		- - - For the pumps of subheading 8413.30	5%	kg	742.911
8413.91	90		- - - Other	5%	kg	742.919
8413.92	00		- - Of liquid elevators	5%	kg	742.95
<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	00		- Vacuum pumps	Free	kg/ea	743.11
8414.20	00		- Hand-or foot-operated air pumps	Free	kg/ea	743.13
8414.30	00		- Compressors of a kind used in refrigerating equipment	5%	kg/ea	743.15
8414.40	00		- Air compressors mounted on a wheeled chassis for towing	5%	kg/ea	743.17
8414.50	00		- Fans:			
8414.51	00		- - Table, floor, wall, window, ceiling or roof fans, with a self-contained electric motor of an output not exceeding 125 W:			
8414.51	10		- - - Table	20%	kg/ea	743.411
8414.51	20		- - - Floor	20%	kg/ea	743.412
8414.51	30		- - - Ceiling or roof	20%	kg/ea	743.413

HS	CE T	PR 1	DESCRIPTION OF GOODS	DUTY RATE	UNIT	SITC REV 4
8414.51	90		- - - Other	20%	kg/ea	743.419
8414.59	00		- - Other	5%	kg/ea	743.43
8414.60	00		- Hoods having a maximum horizontal side not exceeding 120 cm	Free	kg/ea	743.45
8414.80	00		- Other	Free	kg/ea	743.19
8414.90	00		- Parts	5%	kg	743.8
<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	00		- Of a kind designed to be fixed to a window, wall, ceiling or floor, self-contained or "split-system"	20%	kg/ea	741.51
8415.20	00		- Of a kind used for persons, in motor vehicles	20%	kg/ea	741.551
			- Other:			
8415.81	00		- - Incorporating a refrigerating unit and a valve for reversal of the cooling/heat cycle (reversible heat pumps)	20%	kg/ea	741.552
8415.82	00		- - Other, incorporating a refrigerating unit	20%	kg/ea	741.553
8415.83	00		- - Not incorporating a refrigerating unit	20%	kg/ea	741.554
8415.90	00		- Parts	5%	kg	741.59
<b>84.16</b>			<b>Furnace burners for liquid fuel, for pulverized solid fuel or for gas; mechanical stokers, including their mechanical grates, mechanical ash dischargers and similar appliances.</b>			
8416.10	00		- Furnace burners for liquid fuel	Free	kg	741.21
8416.20	00		- Other furnace burners, including combination burners	Free	kg	741.23
8416.30	00		- Mechanical stokers, including their mechanical grates, mechanical ash dischargers and similar appliances	Free	kg	741.25
8416.90	00		- Parts	Free	kg	741.28
<b>84.17</b>			<b>Industrial or laboratory furnaces and ovens, including incinerators, non-electric.</b>			
8417.10	00		- Furnaces and ovens for the roasting, melting or other heat-treatment of ores, pyrites or of metals	Free	kg/ea	741.36
8417.20	00		- Bakery ovens, including biscuit ovens	Free	kg/ea	741.37
8417.80	00		- Other	Free	kg/ea	741.38
8417.90	00		- Parts	Free	kg	741.39

HS	CE T	PR 1	DESCRIPTION OF GOODS	DUTY RATE	UNIT	SITC REV 4
<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:			
8418.10	10		- - - Frost free, electrical	20%	kg/ea	775.211
8418.10	20		- - - Other, electrical	20%	kg/ea	775.212
8418.10	30		- - - Non-electrical	20%	kg/ea	775.213
8418.20	00		- Refrigerators, household type:			
8418.21	00		- - Compression-type:			
8418.21	10		- - - Frost free, electrical	20%	kg/ea	775.214
8418.21	20		- - - Other, electrical	20%	kg/ea	775.215
8418.21	30		- - - Non-electrical	20%	kg/ea	775.216
8418.29	00		- - Other :			
8418.29	10		- - - Electrical	20%	kg/ea	775.218
8418.29	20		- - - Non-electrical	20%	kg/ea	775.219
8418.30	00		- Freezers of the chest type, not exceeding 800 litre capacity	20%	kg/ea	775.221
8418.40	00		- Freezers of the upright type, not exceeding 900 litre capacity	20%	kg/ea	775.222
8418.50	00		- Other furniture (chests, cabinets, display counters, show-cases and the like) for storage and display, incorporating refrigerating or freezing equipment	20%	kg/ea	741.43
8418.60	00		- Other refrigerating or freezing equipment; heat pumps:			
8418.61	00		Pumps, etc. etc.	20%	kg/ea	741.451
8418.69	00		- - Other	20%	kg	741.459
8418.90	00		- Parts:			
8418.91	00		- - Furniture designed to receive refrigerating or freezing equipment	5%	kg	741.491
8418.99	00		- - Other	Free	kg	741.499
<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, sterilizing, pasteurizing, steaming, drying, evaporating, vaporising, condensing or cooling, other than</b>			

HS	CE T	PR 1	DESCRIPTION OF GOODS	DUTY RATE	UNIT	SITC REV 4
			<b>machinery or plant of a kind used for domestic purposes; instantaneous or storage water heaters, non-electric</b>			
8419.10	00		- Instantaneous or storage water heaters, non-electric:			
8419.11	00		- - Instantaneous gas water heaters:			
8419.11	10		- - - For domestic use	20%	Kg/ea	741.811
8419.11	90		- - - Other	20%	Kg/ea	741.811
8419.19	00		- - Other			
8419.19	10		- - - Solar water heaters, for domestic use	60%		741.821
8419.19	20		- - - Other solar water heaters	60%		741.822
8419.19	30		- - - Other water heaters, for domestic use	20%	kg/ea	741.823
8419.19	90		- - - Other	20%	kg/ea	741.829
8419.20	00		- Medical, surgical or laboratory sterilizers	Free	kg/ea	741.83
8419.30	00		- Dryers:			
8419.31	00		- - For agricultural products	Free	kg/ea	741.84
8419.32	00		- - For wood, paper pulp, paper or paperboard	Free	kg/ea	741.85
8419.39	00		- - Other	Free	kg/ea	741.86
8419.40	00		- Distilling or rectifying plant	Free	kg/ea	741.73
8419.50	00		- Heat exchange units	Free	kg/ea	741.74
8419.60	00		- Machinery for liquefying air or other gases	Free	kg/ea	741.75
8419.80	00		- Other machinery, plant and equipment:			
8419.81	00		- - For making hot drinks or for cooking or heating food	Free	kg/ea	741.87
8419.89	00		- - Other	Free	kg/ea	741.89
8419.90	00		- Parts	Free	Kg	741.9
<b>84.20</b>			<b>Calendering or other rolling machines, other than for metals or glass, and cylinders therefor.</b>			
8420.10	00		- Calendering or other rolling machines	Free	kg/ea	745.91
8420.90	00		- Parts:			
8420.91	00		- - Cylinders	Free	kg	745.931
8420.99	00		- - Other	Free	kg	745.939
<b>84.21</b>			<b>Centrifuges, including centrifugal dryers; filtering or purifying machinery and apparatus, for liquids or gases.</b>			
8421.10	00		- Centrifuges, including centrifugal dryers:			
8421.11	00		- - Cream separators	Free	kg/ea	743.51
8421.12	00		- - Clothes-dryers:			
8421.12	10		- - - For domestic use	20%	kg/ea	743.551

HS	CE T	PR 1	DESCRIPTION OF GOODS	DUTY RATE	UNIT	SITC REV 4
8421.12	90		- - - Other	5%	kg/ea	743.559
8421.19	00		- - Other	5%	kg/ea	743.59
8421.20	00		- Filtering or purifying machinery and apparatus for gases:			
8421.21	00		- - For filtering or purifying water	Free	kg/ea	743.61
8421.22	00		- - For filtering or purifying beverages other than water	Free	kg/ea	743.62
8421.23	00		- - Oil or petrol-filters for internal combustion engines:			
8421.23	10		- - - Oil filters	30%	kg/ea	743.631
8421.23	20		- - - Petrol filters	30%	kg/ea	743.632
8421.29	00		- - Other	5%	kg/ea	743.67
8421.30	00		- Filtering or purifying machinery and apparatus for gases:			
8421.31	00		- - Intake air filters for internal combustion engines	30%	kg/ea	743.64
8421.39	00		- - Other	5%	kg/ea	743.69
8421.90	00		- Parts			
8421.91	00		- - Of centrifuges, including centrifugal dryers:			
8421.91	10		- - - For the clothes-dryers of Subheading 8421.12.10	5%	kg/ea	743.911
8421.91	90		- - - Other	Free	kg/ea	743.919
8421.99	00		- - Other	Free	kg/ea	743.95
<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>			
8422.10	00		- Dish washing machines:			
8422.11	00		- - Of the household type	20%	kg/ea	775.3
8422.19	00		- - Other	5%	kg/ea	745.21
8422.20	00		- Machinery for cleaning or drying bottles or other containers	Free	kg/ea	745.23
8422.30	00		- Machinery for filling, closing, sealing or labelling bottles, cans, boxes, bags or other containers; machinery for capsuling bottles, jars,	Free	kg/ea	745.271

HS	CE T	PR 1	DESCRIPTION OF GOODS	DUTY RATE	UNIT	SITC REV 4
			tubes and similar containers; machinery for aerating beverages			
8422.40	00		- Other packing or wrapping machinery (including heat-shrink wrapping machinery)	Free	kg/ea	745.272
8422.90	00		- Parts	5%	kg	745.29
<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	20%	kg/ea	745.32
8423.20	00		- Scales for continuous weighing of goods on conveyors	Free	kg/ea	745.311
8423.30	00		- Constant weight scales and scales for discharging a predetermined weight of material into a bag or container, including hopper scales	Free	kg/ea	745.312
8423.80	00		- Other weighing machinery:			
8423.81	00		- - Having a maximum weighing capacity not exceeding 30 kg	5%	kg/ea	745.313
8423.82	00		- - Having a maximum weighing capacity exceeding 30 kg but not exceeding 5,000 kg	5%	kg/ea	745.314
8423.89	00		- - Other	5%	kg/ea	745.319
8423.90	00		- Weighing machine weights of all kinds; parts of weighing machinery	Free	kg	745.39
<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	Free	kg/ea	745.61
8424.20	00		- Spray guns and similar appliances	Free	kg/ea	745.62
8424.30	00		- Steam or sand blasting machines and similar jet projecting machines	Free	kg/ea	745.63
8424.40	00		- Agricultural or horticultural sprayers:			
8424.41	00		- - Portable sprayers	Free	kg/e a	745.641
8424.49	00		- - Other	Free	kg/e a	745.649
8424.80	00		- Other appliances:			
8424.82	00		- - Agricultural or horticultural	Free	kg/ea	745.642

HS	CE T	PR 1	DESCRIPTION OF GOODS	DUTY RATE	UNIT	SITC REV 4
8424.89	00		- - Other	5%	kg/ea	745.651
8424.90	00		- Parts:			
8424.90	10		- - - Of agricultural sprayers	Free	kg	745.681
8424.90	90		- - - Other	Free	kg	745.689
<b>84.25</b>			<b>Pulley tackles and hoists other than skip hoists; winches and capstans; jacks.</b>			
8425.10	00		- Pulley tackle and hoists other than skip hoists or hoists of a kind used for raising vehicles:			
8425.11	00		- - Powered by electric motor	Free	kg/ea	744.211
8425.19	00		- - Other	Free	kg/ea	744.219
8425.30	00		- Winches; capstans:			
8425.31	00		- - Powered by electric motor:			
8425.31	00	10	Winches	Free	kg/ea	744.251
8425.31	00	90	Other	Free	kg/ea	744.251
8425.39	00		- - Other:			
8425.39	00	10	Winches	Free	kg/ea	744.259
8425.39	00	90	Other	Free	kg/ea	744.259
8425.40	00		- Jacks; hoists of a kind used for raising vehicles:			
8425.41	00		- - Built-in jacking systems of a type used in garages	5%	kg/ea	744.41
8425.42	00		- - Other jacks and hoists, hydraulic:			
8425.42	10		- - - Portable jacks for road motor vehicles	5%	kg/ea	744.431
8425.42	90		- - - Other	5%	kg/ea	744.439
8425.49	00		- - Other	5%	kg/ea	744.49
<b>84.26</b>			<b>Ships' derricks; cranes, including cable cranes; mobile lifting frames, straddle carriers and works trucks fitted with a crane.</b>			
8426.10	00		- Overhead travelling cranes, transporter cranes, gantry cranes, bridge cranes, mobile lifting frames and straddle carriers:			
8426.11	00		- - Overhead travelling cranes on fixed support	5%	kg/ea	744.31
8426.12	00		- - Mobile lifting frames on tyres and straddle carriers	5%	kg/ea	744.32
8426.19	00		- - Other	5%	kg/ea	744.33
8426.20	00		- Tower cranes	5%	kg/ea	744.34
8426.30	00		- Portal or pedestal jib cranes	5%	kg/ea	744.35
8426.40	00		- Other machinery, self-propelled:			
8426.41	00		- - On tyres:			

HS	CE T	PR 1	DESCRIPTION OF GOODS	DUTY RATE	UNIT	SITC REV 4
8426.41	10		- - - Sugar cane loading machinery	5%	kg/ea	744.371
8426.41	90		- - - Other	5%	kg/ea	744.372
8426.49	00		- - Other	5%	kg/ea	744.379
8426.90	00		- Other machinery:			
8426.91	00		- - Designed for mounting on road vehicles	5%	kg/ea	744.391
8426.99	00		- - Other	5%	kg/ea	744.399
<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%	kg/ea	744.11
8427.20	00		- Other self-propelled trucks	5%	kg/ea	744.12
8427.90	00		- Other trucks	5%	kg/ea	744.13
<b>84.28</b>			<b>Other lifting, handling, loading or unloading machinery (for example, lifts, escalators, conveyors, teleferics).</b>			
8428.10	00		- Lifts and skip hoists	5%	kg/ea	744.81
8428.20	00		- Pneumatic elevators and conveyors	5%	kg/ea	744.71
8428.30	00		- Other continuous-action elevators and conveyors, for goods or materials:			
8428.31	00		- - Specially designed for underground use	5%	kg/ea	744.72
8428.32	00		- - Other, bucket type	5%	kg/ea	744.73
8428.33	00		- - Other, belt type	5%	kg/ea	744.74
8428.39	00		- - Other	5%	kg/ea	744.79
8428.40	00		- Escalators and moving walkways	5%	kg/ea	744.85
8428.60	00		- Teleferics, chair-lifts, ski-draglines; traction mechanisms for funiculars	5%	kg/ea	744.892
8428.90	00		- Other machinery	5%	kg/ea	744.899
<b>84.29</b>			<b>Self-propelled bulldozers, angledozer, graders, levellers, scrapers, mechanical shovels, excavators, shovel loaders, tamping machines and road rollers.</b>			
8429.10	00		- Bulldozers and angledozers :			
8429.11	00		- - Track laying	Free	kg/ea	723.111
8429.19	00		- - Other	Free	kg/ea	723.119
8429.20	00		- Graders and levellers	Free	kg/ea	723.12
8429.30	00		- Scrapers	Free	kg/ea	723.31
8429.40	00		-Tamping machines and road rollers:			
8429.40	10		- - - Tamping machines	Free	kg/ea	723.331
8429.40	20		- - - Road rollers	Free	kg/ea	723.332



HS	CE T	PR 1	DESCRIPTION OF GOODS	DUTY RATE	UNIT	SITC REV 4
8429.50	00		- Mechanical shovels, excavators and shovel loaders:			
8429.51	00		- - Front-end shovel loaders	Free	kg/ea	723.21
8429.52	00		- - Machinery with a 360° revolving superstructure	Free	kg/ea	723.22
8429.59	00		- - Other	Free	kg/ea	723.29
<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	Free	kg/ea	723.41
8430.20	00		- Snow-ploughs and snow-blowers	Free	kg/ea	723.42
8430.30	00		- Coal or rock cutters and tunnelling machinery:			
8430.31	00		- - Self-propelled	Free	kg/ea	723.35
8430.39	00		- - Other	Free	kg/ea	723.43
8430.40	00		- Other boring or sinking machinery:			
8430.41	00		- - Self-propelled	Free	kg/ea	723.37
8430.49	00		- - Other	Free	kg/ea	723.44
8430.50	00		- Other machinery, self-propelled	Free	kg/ea	723.39
8430.60	00		- Other machinery, not self-propelled:			
8430.61	00		- - Tamping or compacting machinery	Free	kg/ea	723.45
8430.69	00		- - Other	Free	kg/ea	723.47
<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	00		- Of machinery of heading 84.25	Free	kg	744.91
8431.20	00		- Of machinery of heading 84.27	Free	kg	744.92
8431.30	00		- Of machinery of heading 84.28:			
8431.31	00		- - Of lifts, skip hoists or escalators	Free	kg	744.93
8431.39	00		- - Other	Free	kg	744.94
8439.40	00		- Of machinery of heading 84.26, 84.29 or 84.30:			
8431.41	00		- - Buckets, shovels, grabs and grips	Free	kg	723.91
8431.42	00		- - Bulldozer or angledozer blades	Free	kg	723.92
8431.43	00		- - Parts for boring or sinking machinery of subheading 8430.41 or 8430.49	Free	kg	723.93
8431.49	00		- - Other:			
8431.49	10		- - - Of machinery of heading 84.29 or 84.30	Free	kg	723.991
8431.49	90		- - - Other	Free	kg	723.999

HS	CE T	PR 1	DESCRIPTION OF GOODS	DUTY RATE	UNIT	SITC REV 4
<b>84.32</b>			<b>Agricultural, horticultural or forestry machinery for soil preparation or cultivation; lawn or sports-ground rollers.</b>			
8432.10	00		- Ploughs	Free	kg/ea	721.11
8432.20	00		- Harrows, scarifiers, cultivators, weeders and hoes:			
8432.21	00		- - Disc harrows	Free	kg/ea	721.131
8432.29	00		- - Other	Free	kg/ea	721.139
8432.30	00		- Seeders, planters and transplanters:			
8432.31	00		- - No-till direct seeders, planters and transplanters	Free	kg/ea	721.1211
8432.39	00		- - Other	Free	kg/ea	721.1219
8432.40	00		- Manure spreaders and fertilizer distributors:			
8432.41	00		- - Manure spreaders	Free	kg/ea	721.1221
8432.42	00		- - Fertiliser distributors	Free	kg/ea	721.1222
8432.80	00		- Other machinery:			
8432.80	10		- - - Lawn or sports-ground rollers	5%	kg/ea	721.181
8432.80	90		- - - Other	Free	kg/ea	721.189
8432.90	00		- Parts:			
8432.90	10		- - - Of lawn or sports-ground rollers	5%	kg	721.191
8432.90	90		- - - Other	Free	kg	721.199
<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>			
8433.10	00		- Mowers for lawns, parks or sports-grounds:			
8433.11	00		- - Powered, with the cutting device rotating in a horizontal plane	Free	kg/ea	721.211
8433.19	00		- - Other	5%	kg/ea	721.219
8433.20	00		- Other mowers, including cutter bars for tractor mounting	Free	kg/ea	721.231
8433.30	00		- Other haymaking machinery	Free	kg/ea	721.232
8433.40	00		- Straw or fodder balers, including pick-up balers	Free	kg/ea	721.233
8433.50	00		- Other harvesting machinery; threshing machinery:			
8433.51	00		- - Combine harvester-threshers	Free	kg/ea	721.22
8433.52	00		- - Other threshing machinery	Free	kg/ea	721.234
8433.53	00		- - Root or tuber harvesting machines	Free	kg/ea	721.235
8433.59	00		- - Other:			

HS	CE T	PR 1	DESCRIPTION OF GOODS	DUTY RATE	UNIT	SITC REV 4
8433.59	10		- - - Sugarcane harvesters	Free	kg/ea	721.236
8433.59	90		- - - Other	Free	kg/ea	721.239
8433.60	00		- Machines for cleaning, sorting or grading eggs, fruit or other agricultural produce	Free	kg/ea	721.26
8433.90	00		- Parts:			
8433.90	10		- - - Of mowers for lawns, parks or sports-grounds of subheadings 8433.11 and 8433.19	5%	kg	721.291
8433.90	90		- - - Other	Free	kg	729.299
<b>84.34</b>			<b>Milking machines and dairy machinery.</b>			
8434.10	00		- Milking machines	Free	kg/ea	721.31
8434.20	00		- Dairy machinery	Free	kg/ea	721.38
8434.90	00		- Parts	Free	kg	721.39
<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		- Machinery	Free	kg/ea	721.91
8435.90	00		- Parts	Free	kg	721.98
<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		- Machinery for preparing animal feeding stuffs	Free	kg/ea	721.961
8436.20	00		- Poultry-keeping machinery; poultry incubators and brooders:			
8436.21	00		- - Poultry incubators and brooders	Free	kg/ea	721.951
8436.29	00		- - Other	Free	kg/ea	721.959
8436.80	00		- Other machinery:			
8436.80	10		- - - Bee-keeping machinery	Free	kg/ea	721.962
8436.80	90		- - - Other	Free	kg/ea	721.969
8436.90	00		- Parts:			
8436.91	00		- - Of poultry-keeping machinery and poultry incubators and brooders	Free	kg	721.991
8436.99	00		- - Other	Free	kg	721.999
<b>84.37</b>			<b>Machines for cleaning, sorting or grading seeds, 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>			

HS	CE T	PR 1	DESCRIPTION OF GOODS	DUTY RATE	UNIT	SITC REV 4
8437.10	00		- Machines for cleaning, sorting or grading seed, grain or dried leguminous vegetables	Free	kg/ea	721.27
8437.80	00		- Other machinery	Free	kg/ea	727.11
8437.90	00		- Parts:			
8437.90	10		- - - Of the machines of subheading 8437.10	Free	kg	727.191
8437.90	90		- - - Other	Free	kg	727.199
<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		- Bakery machinery and machinery for the manufacture of macaroni, spaghetti or similar products	Free	kg/ea	727.221
8438.20	00		- Machinery for the manufacture of confectionery, cocoa or chocolate	Free	kg/ea	727.222
8438.30	00		- Machinery for sugar manufacture:			
8438.30	10		- - - Grooved rollers, trash plates and scraper tips	10%	kg/ea	727.223
8438.30	90		- - - Other	Free	kg/ea	727.224
8438.40	00		- Brewery machinery	Free	kg/ea	727.225
8438.50	00		- Machinery for the preparation of meat or poultry	Free	kg/ea	727.226
8438.60	00		- Machinery for the preparation of fruits, nuts or vegetables	Free	kg/ea	727.227
8438.80	00		- Other machinery	Free	kg/ea	727.229
8438.90	00		- Parts:			
8438.90	10		- - - Of the machines of subheading 8438.30.10	10%	kg	727.291
8438.90	90		- - - Other	Free	kg	727.299
<b>84.39</b>			<b>Machinery for making pulp of fibrous cellulosic material or for making or finishing paper or paperboard.</b>			
8439.10	00		- Machinery for making pulp of fibrous cellulosic material	Free	kg/ea	725.11
8439.20	00		- Machinery for making paper or paperboard	Free	kg/ea	725.121
8439.30	00		- Machinery for finishing paper or paperboard	Free	kg/ea	725.122
8439.90	00		- Parts:			
8439.91	00		- - Of machinery for making pulp of fibrous cellulosic material	Free	kg	725.911
8439.99	00		- - Other	Free	kg	725.919

HS	CE T	PR 1	DESCRIPTION OF GOODS	DUTY RATE	UNIT	SITC REV 4
<b>84.40</b>			<b>Book-binding machinery, including book-sewing machines.</b>			
8440.10	00		- Machinery	Free	kg/ea	726.81
8440.90	00		- Parts	Free	kg	726.89
<b>84.41</b>			<b>Other machinery for making up paper pulp, paper or paperboard, including cutting machines of all kinds.</b>			
8441.10	00		- Cutting machines	Free	kg/ea	725.21
8441.20	00		- Machines for making bags, sacks or envelopes	Free	kg/ea	725.23
8441.30	00		- Machines for making cartons, boxes, cases, tubes, drums or similar containers, other than bymoulding	Free	kg/ea	725.25
8441.40	00		- Machines for moulding articles in paper pulp, paper or paperboard	Free	kg/ea	725.27
8441.80	00		- Other machinery	Free	kg/ea	725.29
8441.90	00		- Parts	Free	kg	725.99
<b>84.42</b>			<b>Machinery, apparatus and equipment (other than the machines 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	kg/ea	726.313
8442.40	00		- Parts of the foregoing machinery, apparatus or equipment	Free	kg	726.91
8442.50	00		- Plates, cylinders and other printing components; plates, cylinders and lithographic stones, prepared for printing purposes (for example, planed, grained or polished)	Free	kg	726.35
<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>			
8443.10	00		- Printing machinery used for printing by means of plates, cylinders and other printing components of heading 84.42:			
8443.11	00		- - Offset printing machinery, reel fed	Free	kg/ea	726.51
8443.12	00		- - Offset printing machinery, sheet fed, office type (using sheets with one side not exceeding	Free	kg/ea	726.55

HS	CE T	PR 1	DESCRIPTION OF GOODS	DUTY RATE	UNIT	SITC REV 4
			22 cm and the other side not exceeding 36 cm in the unfolded state)			
8443.13	00		-- Other offset printing machinery	Free	kg/ea	726.55
8443.14	00		-- Letterpress printing machinery, reel fed, excluding flexographic printing	Free	kg/ea	726.611
8443.15	00		-- Letterpress printing machinery, other than reel-fed, excluding flexographic printing	Free	kg/ea	726.619
8443.16	00		-- Flexographic printing machinery	Free	kg/ea	726.63
8443.17	00		-- Gravure printing machinery	Free	kg/ea	726.65
8443.19	00		-- Other	Free	kg/ea	745.652
8443.30	00		- Other printers, copying machines and facsimile machines, whether or not combined:			
8443.31	00		-- 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	Free	kg/ea	726.679
8443.32	00		-- Other, capable of connecting to an automatic data processing machine or to a network	Free	kg/ea	726.68
8443.39	00		-- Other	Free	kg/ea	726.96
8443.90	00		- Parts and accessories:			
8443.91	00		-- Parts and accessories of printing machinery used for printing by means of plates, cylinders and other printing components of heading 84.42	Free	kg	726.99
8443.99	00		-- Other	Free	kg	751.97
<b>8444.00</b>	<b>00</b>		<b>Machines for extruding, drawing, texturing or cutting man-made textile materials.</b>	Free	<b>kg/ea</b>	<b>724.41</b>
<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>			
8445.10	00		- Machines for preparing textile fibres:			
8445.11	00		-- Carding machines	Free	kg/ea	724.421
8445.12	00		-- Combing machines	Free	kg/ea	724.422
8445.13	00		-- Drawing or roving machines	Free	kg/ea	724.423
8445.19	00		-- Other	Free	kg/ea	724.429
8445.20	00		- Textile spinning machines	Free	kg/ea	724.431
8445.30	00		- Textile doubling or twisting machines	Free	kg/ea	724.432

HS	CE T	PR 1	DESCRIPTION OF GOODS	DUTY RATE	UNIT	SITC REV 4
8445.40	00		- Textile winding (including weft-winding) or reeling machines	Free	kg/ea	724.434
8445.90	00		- Other	Free	kg/ea	724.54
<b>84.46</b>			<b>Weaving machines (looms).</b>			
8446.10	00		- For weaving fabrics of a width not exceeding 30 cm	Free	kg/ea	724.511
8446.20	00		- For weaving fabrics of a width exceeding 30 cm, shuttle type:			
8446.21	00		- - Power looms	Free	kg/ea	724.512
8446.29	00		- - Other	Free	kg/ea	724.519
8446.30	00		- For weaving fabrics of a width exceeding 30 cm, shuttleless type	Free	kg/ea	724.513
<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>			
8447.10	00		- Circular knitting machines:			
8447.11	00		- - With cylinder diameter not exceeding 165 mm	Free	kg/ea	724.521
8447.12	00		- - With cylinder diameter exceeding 165 mm	Free	kg/ea	724.522
8447.20	00		- Flat knitting machines; stitch-bonding machines	Free	kg/ea	724.523
8447.90	00		- Other	Free	kg/ea	724.53
<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>			
8448.10	00		- Auxiliary machinery for machines of heading 84.44, 84.45, 84.46 or 84.47:			
8448.11	00		- - Dobbies and Jacquards; card reducing, copying, purchasing or assembling machines for use therewith	Free	kg	724.611
8448.19	00		- - Other	Free	kg	724.619
8448.20	00		- Parts and accessories of machines of heading 84.44 or of their auxiliary machinery	Free	kg	724.491

HS	CE T	PR 1	DESCRIPTION OF GOODS	DUTY RATE	UNIT	SITC REV 4
8448.31	00		- Parts and accessories of machines of heading 84.45 or of their auxiliary machinery:			
8448.31	00		-- Card clothing	Free	kg	724.492
8448.32	00		-- Of machines for preparing textile fibres, other than card clothing	Free	kg	724.493
8448.33	00		-- Spindles, spindle flyers, spinning rings and ring travellers	Free	kg	724.494
8448.39	00		-- Other	Free	kg	724.499
8448.40	00		- Parts and accessories of weaving machines (looms) or of their auxiliary machinery:			
8448.42	00		-- Reeds for looms, healds and heald-frames	Free	kg	724.672
8448.49	00		-- Other	Free	kg	724.679
8448.50	00		- 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	kg	724.681
8448.59	00		-- Other	Free	kg	724.689
<b>8449.00</b>	<b>00</b>		<b>Machinery for the manufacture or finishing of felt or non-wovens in the piece or in shapes, including machinery for making felt hats; blocks for making hats.</b>	Free	<b>kg</b>	<b>724.55</b>
<b>84.50</b>			<b>Household or laundry-type washing machines, including machines which both wash and dry.</b>			
<b>8450.10</b>	<b>00</b>		- Machines, each of a dry linen capacity not exceeding 10 kg:			
8450.11	00		-- Fully-automatic machines:			
8450.11	10		--- For domestic use	20%	kg/ea	775.111
8450.11	90		--- Other	5%	kg/ea	775.112
8450.12	00		-- Other machines, with built-in centrifugal drier:			
8450.12	10		--- For domestic use	20%	kg/ea	775.113
8450.12	90		--- Other	5%	kg/ea	775.114
8450.19	00		-- Other:			
8450.19	10		--- For domestic use	20%	kg/ea	775.115
8450.19	90		--- Other	5%		775.119
8450.20	00		- Machines, each of a dry linen capacity exceeding 10 kg:			
8450.20	10		--- For domestic use	20%	kg/ea	724.711
8450.20	90		--- Other	5%	kg/ea	724.719
8450.90	00		- Parts	5%	kg	724.91



HS	CE T	PR 1	DESCRIPTION OF GOODS	DUTY RATE	UNIT	SITC REV 4
<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		- Dry-cleaning machines	5%	kg/ea	724.72
8451.20	00		- Drying machines:			
8451.21	00		- - Each of a dry linen capacity not exceeding 10 kg	5%	kg/ea	775.12
8451.29	00		- - Other	5%	kg/ea	724.73
8451.30	00		- Ironing machines and presses (including fusing presses)	5%	kg/ea	724.741
8451.40	00		- Washing, bleaching or dyeing machines	Free	kg/ea	724.742
8451.50	00		- Machines for reeling, unreeling, folding, cutting or pinking textile fabrics	Free	kg/ea	724.743
8451.80	00		- Other machinery	Free	kg/ea	724.749
8451.90	00		- Parts	5%	kg	724.92
<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		- Sewing machines of the household type	5%	kg/ea	724.33
8452.20	00		- Other sewing machines:			
8452.21	00		- - Automatic units	Free	kg/ea	724.351
8452.29	00		- - Other	Free	kg/ea	724.359
8452.30	00		- Sewing machine needles	Free	kg	724.391
8452.90	00		- Furniture, bases and covers for sewing machines and parts thereof; other parts of sewing machines	Free	kg	724.399
<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		- Machinery for preparing, tanning or working hides, skins or leather	Free	kg/ea	724.81
8453.20	00		- Machinery for making or repairing footwear	Free	kg/ea	724.83

HS	CE T	PR 1	DESCRIPTION OF GOODS	DUTY RATE	UNIT	SITC REV 4
8453.80	00		- Other machinery	Free	kg/ea	724.85
8453.90	00		- Parts	Free	kg	724.88
<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		- Converters	Free	kg/ea	737.111
8454.20	00		- Ingot moulds and ladles	Free	kg/ea	737.112
8454.30	00		- Casting machines	Free	kg/ea	737.12
8454.90	00		- Parts	Free	kg	737.19
<b>84.55</b>			<b>Metal-rolling mills and rolls therefor.</b>			
8455.10	00		- Tube mills	Free	kg/ea	737.211
8455.20	00		- Other rolling mills:			
8455.21	00		- - Hot or combination hot and cold	Free	kg/ea	737.212
8455.22	00		- - Cold	Free	kg/ea	737.219
8455.30	00		- Rolls for rolling mills	Free	kg/ea	737.291
8455.90	00		- Other parts	Free	kg	737.299
<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; water-jet cutting machines.</b>			
8456.10	00		- Operated by laser or other light or photon beam processes:			
8456.11	00		- - Operated by laser	Free	kg/ea	731.111
8456.12	00		- - Operated by other light or photon beam processes	Free	kg/ea	731.112
8456.20	00		- Operated by ultrasonic processes	Free	kg/ea	731.12
8456.30	00		- Operated by electro-discharge processes	Free	kg/ea	731.13
8456.40	00		- Operated by plasma arc processes	Free	kg/ea	731.141
8456.50	00		- Water-jet cutting machines	Free	kg/ea	731.142
8456.90	00		- Other	Free	kg/ea	731.149
<b>84.57</b>			<b>Machining centers, unit construction machines (single station) and multi-station transfer machines, for working metal.</b>			
8457.10	00		- Machining centers	Free	kg/ea	kg/ea
8457.20	00		- Unit construction machines (single stations)	Free	kg/ea	kg/ea
8457.30	00		- Multi-station transfer machines	Free	kg/ea	kg/ea
<b>84.58</b>			<b>Lathes (including turning centers) for removing metal.</b>			
8458.10	00		- Horizontal lathes:			

HS	CE T	PR 1	DESCRIPTION OF GOODS	DUTY RATE	UNIT	SITC REV 4
8458.11	00		-- Numerically controlled	Free	kg/ea	731.31
8458.19	00		-- Other	Free	kg/ea	731.37
8458.90	00		- Other lathes:			
8458.91	00		-- Numerically controlled	Free	kg/ea	731.35
8458.99	00		-- Other	Free	kg/ea	731.39
<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		- Way-type unit head machines	Free	kg/ea	731.41
8459.20	00		- Other drilling machines:			
8459.21	00		-- Numerically controlled	Free	kg/ea	731.42
8459.29	00		-- Other	Free	kg/ea	731.43
8459.30	00		- Other boring-milling machines:			
8459.31	00		-- Numerically controlled	Free	kg/ea	731.44
8459.39	00		-- Other	Free	kg/ea	731.45
8459.40	00		- Other boring machines:			
8459.41	00		-- Numerically controlled	Free	kg/ea	731.46
8459.49	00		-- Other	Free	kg/ea	731.46
8459.50	00		- Milling machines, knee-type:			
8459.51	00		-- Numerically controlled	Free	kg/ea	731.51
8459.59	00		-- Other	Free	kg/ea	731.52
8459.50	00		- Other milling machines:			
8459.61	00		-- Numerically controlled	Free	kg/ea	731.53
8459.69	00		-- Other	Free	kg/ea	731.54
8459.70	00		- Other threading or tapping machines	Free	kg/ea	731.57
<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>			
8460.10	00		- Flat surface grinding machines:			
8460.12	00		-- Numerically controlled	Free	kg/ea	731.61
8460.19	00		-- Other	Free	kg/ea	731.62
8460.20	00		- Other grinding machines:			
8460.22	00		-- Centreless grinding machines, numerically controlled	Free	kg/ea	721.63

HS	CE T	PR 1	DESCRIPTION OF GOODS	DUTY RATE	UNIT	SITC REV 4
8460.23	00		- - Other cylindrical grinding machines, numerically controlled	Free	kg/ea	721.63
8460.24	00		- - Other, numerically controlled	Free	kg/ea	721.63
8460.29	00		- - Other	Free	kg/ea	731.64
8460.30	00		- Sharpening (tool or cutter grinding) machines:			
8460.31	00		- - Numerically controlled	Free	kg/ea	731.65
8460.39	00		- - Other	Free	kg/ea	731.66
8460.40	00		- Honing or lapping machines	Free	kg/ea	731.67
8460.90	00		- Other	Free	kg/ea	731.69
<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		- Shaping or slotting machines	Free	kg/ea	731.71
8461.30	00		- Broaching machines	Free	kg/ea	731.73
8461.40	00		- Gear cutting, gear grinding or gear finishing machines	Free	kg/ea	731.75
8461.50	00		- Sawing or cutting-off machines	Free	kg/ea	735.77
8461.90	00		- Other	Free	kg/ea	731.79
<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	Free	kg/ea	733.11
8462.20	00		- Bending, folding, straightening or flattening machines (including presses):			
8462.21	00		- - Numerically controlled	Free	kg/ea	733.12
8462.29	00		- - Other	Free	kg/ea	733.13
8462.30	00		- Shearing machines (including presses, other than combined punching and shearing machines):			
8462.31	00		- - Numerically controlled	Free	kg/ea	733.14
8462.39	00		- - Other	Free	kg/ea	733.15
8462.40	00		- Punching or notching machines (including presses), including combined punching and shearing machines:			
8462.41	00		- - Numerically controlled	Free	kg/ea	733.16
8462.49	00		- - Other	Free	kg/ea	733.17

HS	CE T	PR 1	DESCRIPTION OF GOODS	DUTY RATE	UNIT	SITC REV 4
8462.90	00		- Other:			
8462.91	00		- - Hydraulic presses	Free	kg/ea	733.181
8462.99	00		- - Other	Free	kg/ea	733.189
<b>84.63</b>			<b>Other machine-tools for working metal or cermets, without removing material.</b>			
8463.10	00		- Draw-benches for bars, tubes, profiles, wire or the like	Free	kg/ea	733.91
8463.20	00		- Thread rolling machines	Free	kg/ea	733.93
8463.30	00		- Machines for working wire	Free	kg/ea	733.95
8463.90	00		- Other	Free	kg/ea	733.99
<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		- Sawing machines	Free	kg/ea	728.111
8464.20	00		- Grinding or polishing machines	Free	kg/ea	728.112
8464.90	00		- Other	Free	kg/ea	728.119
<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		- Machines which can carry out different types of machining operations without tool change between such operations	Free	kg/ea	728.121
8465.20	00		- Machining centres	Free	kg/ea	728.128
8465.90	00		- Other:			
8465.91	00		- - Sawing machines	Free	kg/ea	728.122
8465.92	00		- - Planing, milling or moulding (by cutting) machines	Free	kg/ea	728.123
8465.93	00		- - Grinding, sanding or polishing machines	Free	kg/ea	728.124
8465.94	00		- - Bending or assembling machines	Free	kg/ea	728.125
8465.95	00		- - Drilling or morticing machines	Free	kg/ea	728.126
8465.96	00		- - Splitting, slicing or paring machines	Free	kg/ea	728.127
8465.99	00		- - Other	Free	kg/ea	728.129
<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 the</b>			

HS	CE T	PR 1	DESCRIPTION OF GOODS	DUTY RATE	UNIT	SITC REV 4
			<b>machines; tool holders for any type of tool for working in the hand.</b>			
8466.10	00		- Tool holders and self-opening dieheads	Free	kg	735.11
8466.20	00		- Work holders	Free	kg	735.13
8466.30	00		- Dividing heads and other special attachments for machines	Free	kg	735.15
8466.90	00		- Other:			
8466.91	00		- - For machines of heading 84.64	Free	kg	735.191
8466.92	00		- - For machines of heading 84.65	Free	kg	735.192
8466.93	00		- - For machines of headings 84.56 to 84.61	Free	kg	735.91
8466.94	00		- - For machines of heading 84.62 or 84.63	Free	kg	735.95
<b>84.67</b>			<b>Tools for working in the hand, pneumatic, hydraulic or with self-contained electric or non-electric motor.</b>			
8467.10	00		- Pneumatic:			
8467.11	00		- - Rotary type (including combined rotary percussion)	Free	kg/ea	745.111
8467.19	00		- - Other	Free	kg/ea	745.119
8467.20	00		- With self-contained electric motor:			
8467.21	00		- - Drills of all kinds	5%	kg/ea	745.114
8467.22	00		- - Saws	5%	kg/ea	745.115
8467.29	00		- - Other	5%	kg/ea	745.19
8467.80	00		- Other tools:			
8467.81	00		- - Chain saws	5%	kg/ea	745.121
8467.89	00		- - Other	5%	kg/ea	745.129
8467.90	00		- Parts:			
8467.91	00		- - Of chain saws	5%	kg	745.191
8467.92	00		- - Of pneumatic tools	5%	kg	745.192
8467.99	00		- - Other	5%	kg	745.199
<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		- Hand-held blow pipes	5%	kg/ea	737.41
8468.20	00		- Other gas-operated machinery and apparatus	5%	kg/ea	737.42
8468.80	00		- Other machinery and apparatus	5%	kg/ea	737.43
8468.90	00		- Parts	5%	kg	737.49
<b>[84.69]</b>			<b>Deleted</b>			
<b>84.70</b>			<b>Calculating machines and pocket-size data recording, reproducing and displaying</b>			

HS	CE T	PR 1	DESCRIPTION OF GOODS	DUTY RATE	UNIT	SITC REV 4
			<b>machines with calculating functions; accounting machines, postage-franking machines, ticket-issuing machines and similar machines, incorporating a calculating device; cash registers.</b>			
8470.10	00		- Electronic calculators capable of operation without an external source of electric power and pocket-size data recording, reproducing and displaying machines with calculating functions	5%	kg/ea	751.21
8470.20	00		- Other electronic calculating machines:			
8470.21	00		- - Incorporating a printing device	5%	kg/ea	751.221
8470.29	00		- - Other	5%	kg/ea	751.222
8470.30	00		- Other calculating machines	5%	kg/ea	751.229
8470.50	00		- Cash registers	5%	kg/ea	751.24
8470.90	00		- Other	5%	kg/ea	751.28
<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		- 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	kg/ea	752.31
8471.40	00		- Other automatic data processing machines:			
8471.41	00		- - Comprising in the same housing at least a central processing unit and an input and output unit, whether or not combined	Free	kg/ea	752.2
8471.49	00		- - Other, presented in the form of systems	Free	kg/ea	752.39
8471.50	00		- 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	kg/ea	752.33
8471.60	00		- Input or output units, whether or not containing storage units in the same housing	Free	kg/ea	752.33
8471.70	00		- Storage units	Free	kg/ea	752.7
8471.80	00		- Other units of automatic data processing machines	Free	kg/ea	752.91
8471.90	00		- Other	Free	kg/ea	752.99

HS	CE T	PR 1	DESCRIPTION OF GOODS	DUTY RATE	UNIT	SITC REV 4
<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		- Duplicating machines	5%	kg/ea	751.91
8472.30	00		- 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	5%	kg/ea	751.93
8472.90	00		- Other	5%	kg/ea	751.99
<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 84.70 to 84.72.</b>			
8473.20	00		- Parts and accessories of the machines of heading 84.70:			
8473.21	00		- - Of the electronic calculating machines of subheading 8470.10, 8470.21 or 8470.29	5%	kg	759.931
8473.29	00		- - Other	5%	kg	759.932
8473.30	00		- Parts and accessories of the machines of heading 84.71	5%	kg	75.97
8473.40	00		- Parts and accessories of the machines of heading 84.72	5%	kg	759.939
8473.50	00		- Parts and accessories equally suitable for use with the machines of two or more of the headings 84.70 to 84.72	5%	kg	759.94
<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		- Sorting, screening, separating or washing machines	Free	kg/ea	728.31
8474.20	00		- Crushing or grinding machines	Free	kg/ea	728.32



HS	CE T	PR 1	DESCRIPTION OF GOODS	DUTY RATE	UNIT	SITC REV 4
8474.30	00		- Mixing or kneading machines:			
8474.31	00		- - Concrete or mortar mixers	5%	kg/ea	728.331
8474.32	00		- - Machines for mixing mineral substances with bitumen	Free	kg/ea	728.332
8474.39	00		- - Other	Free	kg/ea	728.339
8474.80	00		- Other machinery	Free	kg/ea	728.34
8474.90	00		- Parts	Free	kg	728.39
<b>84.75</b>			<b>Machines for assembling electric or electronic lamps, tubes or valves of flashbulbs, in glass envelopes; machines for manufacturing or hot working glass or glassware.</b>			
8475.10	00		- Machines for assembling electric or electronic lamps, tubes or valves or flashbulbs, in glass envelopes	Free	kg/ea	728.411
8475.20	00		- Machines for manufacturing or hot working glass or glassware:			
8475.21	00		- - Machines for making optical fibres and preforms thereof	Free	kg/ea	728.412
8475.29	00		- - Other	Free	kg/ea	728.419
8475.90	00		- Parts	Free	kg	728.51
<b>84.76</b>			<b>Automatic goods-vending machines (for example, postage stamp, cigarette, food or beverage machines), including money-changing machines.</b>			
8476.20	00		- Automatic beverage-vending machines:			
8476.21	00		- - Incorporating heating or refrigerating devices	20%	kg/ea	745.951
8476.29	00		- - Other	20%	kg/ea	745.952
8476.80	00		- Other machines:			
8476.81	00		- - Incorporating heating or refrigerating devices	20%	kg/ea	745.953
8476.89	00		- - Other	20%	kg/ea	745.959
8476.90	00		- Parts	20%	kg	745.97
<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	Free	kg/ea	728.421
8477.20	00		- Extruders	Free	kg/ea	728.422
8477.30	00		- Blow moulding machines	Free	kg/ea	728.423
8477.40	00		- Vacuum moulding machines and other thermoforming machines	Free	kg/ea	728.424

HS	CE T	PR 1	DESCRIPTION OF GOODS	DUTY RATE	UNIT	SITC REV 4
8477.50	00		- Other machinery for moulding or otherwise forming:			
8477.51	00		- - For moulding or retreading pneumatic tyres or for moulding or otherwise forming inner tubes	Free	kg/ea	728.425
8477.59	00		- - Other	Free	kg/ea	728.426
8477.80	00		- Other machinery	Free	kg/ea	728.429
8477.90	00		- Parts	Free	kg	728.52
<b>84.78</b>			<b>Machinery for preparing or making up tobacco, not specified or included elsewhere in this Chapter.</b>			
8478.10	00		- Machinery	Free	kg/ea	728.43
8478.90	00		- Parts	Free	kg	728.53
<b>84.79</b>			<b>Machines and mechanical appliances having individual functions, not specified or included elsewhere in this Chapter.</b>			
8479.10	00		- Machinery for public works, building or the like	Free	kg/ea	723.48
8479.20	00		- Machinery for the extraction or preparation of animal or fixed vegetable fats or oils	Free	kg/ea	727.21
8479.30	00		- 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	Free	kg/ea	728.44
8479.40	00		- Rope or cable-making machines	Free	kg/ea	728.491
8479.50	00		- Industrial robots, not elsewhere specified or included	Free	kg/ea	728.492
8479.60	00		- Evaporative air coolers	Free	kg/ea	728.493
8479.70	00		- Passenger boarding bridges:			
8479.71	00		- - Of a kind used in airports	Free	kg/ea	728.499
8479.79	00		- - Other	Free	kg/ea	728.499
8479.80	00		- Other machines and mechanical appliances:			
8479.81	00		- - For treating metal, including electric wire coil-winders	Free	kg/ea	728.46
8479.82	00		- - Mixing, kneading, crushing, grinding, screening, sifting, homogenizing, emulsifying or stirring machines	Free	kg/ea	728.494
8479.89	00		- - Other	5%	kg/ea	728.499
8479.90	00		- Parts	5%	kg	728.55
<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>			

HS	CE T	PR 1	DESCRIPTION OF GOODS	DUTY RATE	UNIT	SITC REV 4
8480.10	00		- Moulding boxes for metal foundry	Free	kg	749.11
8480.20	00		- Mould bases	Free	kg	749.12
8480.30	00		- Moulding patterns:			
8480.30	10		- - - Of wood	10%	kg	749.131
8480.30	90		- - - Other	Free	kg	749.139
8030.40	00		- Moulds for metal or metal carbides:			
8480.41	00		- - Injection or compression types	Free	kg	749.14
8480.49	00		- - Other	Free	kg	749.15
8480.50	00		- Moulds for glass	Free	kg	749.16
8480.60	00		- Moulds for mineral materials	Free	kg	749.17
8480.70	00		- Moulds for rubber or plastics:			
8480.71	00		- - Injection or compression types	Free	kg	749.18
8480.79	00		- - Other	Free	kg	749.19
<b>84.81</b>			Taps,			
8481.10	00		- Pressure-reducing valves	Free	kg	747.1
8481.20	00		- Valves for oleohydraulic or pneumatic transmissions	Free	kg	747.2
8481.30	00		- Check (nonreturn) valves	Free	kg	747.3
8481.40	00		- Safety or relief valves	Free	kg	747.4
8481.80	00		- Other appliances	Free	kg	747.8
8481.90	00		- Parts	Free	kg	747.9
<b>84.82</b>			<b>Ball or roller bearings.</b>			
8482.10	00		- Ball bearings	5%	kg/ea	746.1
8482.20	00		- Tapered roller bearings, including cone and tapered roller assemblies	5%	kg/ea	746.2
8482.30	00		- Spherical roller bearings	5%	kg/ea	746.3
8482.40	00		- Needle roller bearings	5%	kg/ea	746.4
8482.50	00		- Other cylindrical roller bearings	5%	kg/ea	746.5
8482.80	00		- Other, including combined ball/roller bearings	5%	kg/ea	746.8
8482.90	00		- Parts:			
8482.91	00		- - Balls, needles and rollers	5%	kg	746.91
8482.99	00		- - Other	5%	kg	746.99
<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</b>			

HS	CE T	PR 1	DESCRIPTION OF GOODS	DUTY RATE	UNIT	SITC REV 4
			<b>other speed changers, including torque converters; flywheels and pulleys, including pulley blocks; clutches and shaft couplings (including universal joints).</b>			
8483.10	00		- Transmission shafts (including cam shafts and crank shafts) and cranks:			
8483.10	10		- - - For road motor vehicle engines	10%	kg/ea	748.11
8483.10	20		- - - For marine engines	5%	kg/ea	748.12
8483.10	30		- - - For aircraft engines	5%	kg/ea	748.13
8483.10	90		- - - Other	5%	kg/ea	748.19
8483.20	00		- Bearing housings, incorporating ball or roller bearings:			
8483.20	10		- - - For road motor vehicle engines	10%	kg/ea	748.211
8483.20	20		- - - For marine engines	5%	kg/ea	748.212
8483.20	30		- - - For aircraft engines	5%	kg/ea	748.213
8483.20	90		- - - Other	5%	kg/ea	748.219
8483.30	00		- Bearing housings, not incorporating ball or roller bearings; plain shaft bearings:			
8483.30	10		- - - For road motor vehicle engines	10%	kg/ea	748.221
8483.30	20		- - - For marine engines	5%	kg/ea	748.222
8483.30	30		- - - For aircraft engines	5%	kg/ea	748.223
8483.30	90		- - - Other	5%	kg/ea	748.229
8483.40	00		- 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:			
8483.40	10		- - - For road motor vehicle engines	10%	kg/ea	748.41
8483.40	20		- - - For marine craft	5%	kg/ea	748.42
8483.40	30		- - - For aircraft engines	5%	kg/ea	748.43
8483.40	90		- - - Other	5%	kg/ea	748.49
8483.50	00		- Flywheels and pulleys, including pulley blocks:			
8483.50	10		- - - For road motor vehicle engines	10%	kg/ea	748.51
8483.50	20		- - - For marine craft	5%	kg/ea	748.52
8483.50	30		- - - For aircraft engines	5%	kg/ea	748.53
8483.50	90		- - - Other	5%	kg/ea	748.59
8483.60	00		- Clutches and shaft couplings (including universal joints):			
8483.60	10		- - - For marine craft	5%	kg/ea	748.61
8483.60	90		- - - Other	5%	kg/ea	748.69

HS	CE T	PR 1	DESCRIPTION OF GOODS	DUTY RATE	UNIT	SITC REV 4
8483.90	00		- Toothed wheels, chain sprockets and other transmission elements presented separately; parts:			
8483.90	10		- - - For road motor vehicle engines:			
8483.90	11		- - - - Mill chain sprockets	10%	kg/ea	748.44
8483.90	19		- - - - Other	10%	kg	748.91
8483.90	20		- - - For marine craft:			
8483.90	21		- - - - Mill chain sprockets	5%	kg/ea	748.44
8483.90	29		- - - - Other	5%	kg	748.99
8483.90	30		- - - For aircraft engines:			
8483.90	31		- - - - Mill chain sprockets	5%	kg/ea	748.44
8483.90	39		- - - - Other	5%	kg	748.99
8483.90	90		- - - Other:			
8483.90	91		- - - - Mill chain sprockets	5%	kg/ea	748.44
8483.90	99		- - - - Other	5%	kg	748.99
<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 packing; mechanical seals.</b>			
8484.10	00		- Gaskets and similar joints of metal sheeting combined with other material or of two or more layers of metal	5%	kg	749.21
8484.20	00		- Mechanical seals	5%	kg	749.22
8484.90	00		- Other	5%	kg	749.29
<b>[84.85]</b>			<b>Deleted</b>			
<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	00		- Machines and apparatus for the manufacture of boules or wafers	Free	kg/ea	728.211
8486.20	00		- Machines and apparatus for the manufacture of semiconductor devices or of electronic integrated circuits	Free	kg/ea	728.212
8486.30	00		- Machines and apparatus for the manufacture of flat panel displays	Free	kg/ea	728.213

HS	CE T	PR 1	DESCRIPTION OF GOODS	DUTY RATE	UNIT	SITC REV 4
8486.40	00		- Machines and apparatus specified in Note 9 (C) to this Chapter	Free	kg/ea	728.22
8486.90	00		- Parts and accessories	Free	kg/ea	728.29
<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		- Ships' or boats' propellers and blades therefor	Free	kg	749.91
8487.90	00		- Other	5%	kg	749.99

### CHAPTER 85

#### **ELECTRICAL MACHINERY AND EQUIPMENT AND PARTS THEREOF; SOUND RECORDERS AND REPRODUCERS, TELEVISION IMAGE AND SOUND RECORDERS AND REPRODUCERS, AND PARTS AND ACCESSORIES OF SUCH ARTICLES**

#### **Notes.**

1. This Chapter does not cover:
  - (a) Electrically warmed blankets, bed pads, foot-muffs or the like; electrically warmed clothing, footwear or ear pads or other electrically warmed articles worn on or about the person;
  - (b) Articles of glass of heading 70.11;
  - (c) Machines and apparatus of heading 84.86;
  - (d) Vacuum apparatus of a kind used in medical, surgical, dental or veterinary sciences (heading 90.18); or
  - (e) Electrically heated furniture of Chapter 94.
2. Headings 85.01 to 85.04 do not apply to goods described in heading 85.11, 85.12, 85.40, 85.41 or 85.42. However, metal tank mercury arc rectifiers remain classified in heading 85.04.
3. For the purposes of heading 85.07, the expression electric accumulators includes those presented with ancillary components which contribute to the accumulator's function of storing and supplying energy or protect it from damage, such as electrical connectors, temperature control devices (for example, thermistors) and circuit protection devices. They may also include a portion of the protective housing of the goods in which they are to be used.