

## 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 7011; or
  - (c) Electrically heated furniture of Chapter 94.
2. Headings 8501 to 8504 do not apply to goods described in headings 8511, 8512, 8540, 8541 or 8542.  
However, metal tank mercury arc rectifiers remain classified in heading 8504.
3. Heading 8509 covers only the following electro-mechanical machines of the kind commonly used for domestic purposes :
  - (a) Vacuum cleaners, including dry and wet vacuum cleaners, floor polishers, food grinders and mixers, and fruit or vegetables juice extractors, of any weight;
  - (b) Other machines provided the weight of such machines does not exceed 20 kg.

The heading does not, however, apply to fans and ventilating or recycling hoods incorporating a fan, whether or not fitted with filters (heading 8414), centrifugal cloths-dryers (heading 8421), dish washing machines (heading 8422), household washing machines (heading 8450), roller or other ironing machines (heading 8420 or 8451), sewing machines (heading 8452), electric scissors (heading 8508) or to electro-thermic appliances (heading 8516).

4. For the purposes of heading 8534 “printed circuits” are circuits obtained by forming on an insulating base, by any printing process (for example, embossing, plating-up etching) or by the “film circuit” technique, conductor elements, contacts or other printed components (for example, inductances, resistors, capacitors) alone for interconnected according to a pre-established pattern, other than elements which can produce, rectify, modulate or amplify an electrical signal (for example, semi-conductor elements).

The expression “printed circuits” does not cover circuits combined with elements other than those obtained during the printing process, nor does it cover individual, discrete resistors, capacitors or inductances. Printed circuits may, however, be fitted with non-printed connecting elements.

Thin or thick-film circuits comprising passive and active elements obtained during the same technological process are to be classified in heading 8542

5. For the purposes of headings 8541 and 8542 :

- (A) “Diodes, transistors and similar semi-conductor devices” are semi-conductor devices the operation of which depends on variations in resistivity on the application of an electric field;
- (B) “Electronic integrated circuits and micro-assemblies” are :
- (a) Monolithic integrated circuits in which the circuit elements (diodes, transistors, resistors, capacitors, interconnections, etc.) are created in the mass (essentially) and on the surface of a semi-conductor material (doped silicon, for example) and are inseparably associated;
  - (b) Hybrid integrated circuits in which passive elements (resistors, capacitors, interconnections, etc.), obtained by thin or thick-film technology, and active elements (diodes, transistors, monolithic integrated circuits, etc.), obtained by semi-conductor technology, are combined to all intents and purposes indivisibly on a single insulating substrate (glass, ceramic, etc.). These circuits may also include discrete components;
  - (c) Micro-assemblies of the moulded module, micromodule or similar types, consisting of discrete, active or both active and passive, components which are combined and interconnected.

For the classification of the articles defined in this Note, headings 8541 and 8542 shall take precedence over any other heading in this Schedule which might cover them by reference to, in particular, their function.

6. Records, tapes and other media of heading 8523 or 8524 remain classified in those headings, when they are presented with the apparatus for which they are intended.

This note does not apply to such media when they are presented with articles other than the apparatus for which they are intended.

7. For the purposes of heading 8548, “spent primary cells, spent primary batteries and spent electric accumulators” are those which are neither usable as such because of breakage, cutting-up, wear or other reasons, nor capable of being recharged.

**SUB-HEADING NOTE**

- 1. Sub-headings 8519 92 and 8527 12 cover only cassette-players with built-in amplifier, without built-in loudspeaker, capable of operating without an external source of electric power and the dimensions of which do not exceed 170 mm x 100 mm x 45 mm.
- 2. For the purpose of sub-heading 8542 10, the term “smart cards” means cards which have embedded in them electronic integrated circuit (microprocessor) of any type in the form of a chip and which may or may not have a magnetic stripe.

TARIFF ITEM	DESCRIPTION OF GOODS	UNITS	CUSTOMS DUTY	
			STD.	PREF
				.

1	2	3	4	5
<b>8501</b>	<b>Electric motors and generators (excluding generating sets)</b>			
	- <i>Motors of an output not exceeding 37.5 W:</i>			
	--- <i>DC motor:</i>			
8501 10 11	---- Micro motor	NUM	30%	-
8501 10 12	---- Stepper motor	NUM	25%	-
8501 10 13	---- Wiper motor	NUM	25%	-
8501 10 19	---- Other	NUM	25%	-
8501 10 20	--- AC motor	NUM	25%	-
8501 20 00	- Universal AC/DC motors of an output exceeding 37.5 W	NUM	25%	-
	- <i>Other DC motors and DC generators:</i>			
8501 31	-- <i>Of an output not exceeding 750 W:</i>			
	--- <i>DC motors:</i>			
8501 31 11	---- Micro motor	NUM	25%	-
8501 31 12	---- Stepper motor	NUM	25%	-
8501 31 13	---- Wiper motor	NUM	25%	-
8501 31 19	---- Other	NUM	25%	-
8501 31 20	--- DC generators	NUM	25%	-
8501 32	--- <i>Of an output exceeding 750W but not exceeding 75 kW:</i>			
8501 32 10	---- DC motor	NUM	25%	-
8501 32 20	--- DC generators	NUM	25%	-
8501 33	-- <i>Of an output exceeding 75 kW but not exceeding 375 kW:</i>			
8501 33 10	--- DC motors	NUM	25%	-
8501 33 20	--- DC generators	NUM	25%	-
8501 34	-- <i>Of an output exceeding 375 kW:</i>			
8501 34 10	--- Of an output exceeding 375 kW but not exceeding 1000 kW	NUM	25%	-
8501 34 20	--- Of an output exceeding 1000 kW but not exceeding 2000 kW	NUM	25%	-
8501 34 30	--- Of an output exceeding 2000 kW but not exceeding 5000 kW	NUM	25%	-
8501 34 40	--- Of an output exceeding 5000 kW but not exceeding 10000 kW	NUM	25%	-
8501 34 50	--- Of an output exceeding 10000	NUM	25%	-

		kW			
8501 40	-	<i>Other Ac motors, single-phase:</i>			
8501 40 10	---	Fractional Horse power motor	NUM	25%	-
8501 40 90	---	Other	NUM	25%	-
	-	<i>Other AC motors, multi-phase:</i>			
8501 51	--	<i>Of an output not exceeding 750 W:</i>			
8501 51 10	---	Squirrel cage induction motor 3 phase type	NUM	25%	-
8501 51 20	---	Slipring motor	NUM	25%	-
8501 51 90	---	Other	NUM	25%	-
8501 52	--	<i>Of an output exceeding 750W but not exceeding 75 kW:</i>			
8501 52 10	---	Squirrel cage induction motor, 3 phase type	NUM	25%	-
8501 52 20	---	Slipring motor	NUM	25%	-
8501 52 90	---	Other	NUM	25%	-
8501 53	--	<i>Of an output exceeding 75 kW:</i>			
8501 53 10	---	Squirrel cage induction motor, 3 phase type	NUM	25%	-
8501 53 20	---	Slipring motor	NUM	25%	-
8501 53 30	---	Traction motor	NUM	25%	-
8501 53 90	---	Other	NUM	25%	-
	-	<i>AC generators (alternators):</i>			
8501 61 00	--	<i>Of an output not exceeding 75 kVA</i>	NUM	25%	-
8501 62 00	--	<i>Of an output exceeding 75 kVA but not exceeding 375 kVA</i>	NUM	25%	-
8501 63 00	--	<i>Of an output exceeding 375 kVA but not exceeding 750 kVA</i>	NUM	25%	-
8501 64	--	<i>Of an output exceeding 750 kVA:</i>			
8501 64 10	---	<i>Of an output exceeding 750 kVA but not exceeding 2000 kVA</i>	NUM	25%	-
8501 64 20	---	<i>Of an output exceeding 2000 kVA but not exceeding 5000 kVA</i>	NUM	25%	-
8501 64 30	---	<i>Of an output exceeding 5000 kVA but not exceeding 15000 kVA</i>	NUM	25%	-
8501 64 40	---	<i>Of an output exceeding 15000</i>	NUM	25%	-

	kVA but not exceeding 37500 kVA				
8501 64 50	--- Of an output exceeding 37500 kVA but not exceeding 75000 kVA	NUM	25%	-	
8501 64 60	--- Of an output exceeding 75000 kVA but not exceeding 137500 kVA	NUM	25%	-	
8501 64 70	--- Of an output exceeding 137500 kVA but not exceeding 312500 kVA	NUM	25%	-	
8501 64 80	--- Of an output exceeding 312500 kVA	NUM	25%	-	
<b>8502</b>	<b>Electric generating sets and rotary converters</b>				
	- <i>Generating sets with compression-ignition internal combustion piston engines (diesel or semi diesel engines):</i>				
8502 11 00	-- Of an output not exceeding 75 kVA	NUM	25%	-	
8502 12 00	-- Of an output exceeding 75 kVA but not exceeding 375 kVA	NUM	25%	-	
8502 13	-- <i>Of an output exceeding 375 kVA :</i>				
8502 13 10	--- Of an output exceeding 375 kVA but not exceeding 1000 kVA	NUM	25%	-	
8502 13 20	--- Of an output exceeding 1000 kVA but not exceeding 1500 kVA	NUM	25%	-	
8502 13 30	--- Of an output exceeding 1500 kVA but not exceeding 2000 kVA	NUM	25%	-	
8502 13 40	--- Of an output exceeding 2000 kVA but not exceeding 5000 kVA	NUM	25%	-	
8502 13 50	--- Of an output exceeding 5000 kVA but not exceeding 10000 kVA	NUM	25%	-	
8502 13 60	--- Of an output exceeding 10000 kVA	NUM	25%	-	
8502 20	- <i>Generating sets with spark-ignition internal combustion piston engines:</i>				
8502 20 10	--- Electric portable generators of an output not exceeding 3.5kVA	NUM	25%	-	

8502 20 90	--- Other	NUM	25%	-
	- <i>Other Generating sets :</i>			
8502 31 00	-- Wind-powered	NUM	25%	-
8502 39	-- <i>Other:</i>			
8502 39 10	--- Powered by steam engine	NUM	25%	-
8502 39 20	--- Powered by water turbine	NUM	25%	-
8502 39 90	--- Other	NUM	25%	-
8502 40 00	- Electric rotary converters	NUM	25%	-
<b>8503</b>	<b>Parts suitable for use solely or principally with the machines of heading 8501 or 8502</b>			
8503 00	- <i>Parts of electric motor :</i>			
8503 00 10	--- Parts of generator (AC/DC)	-	25%	-
8503 00 21	---- Of DC motor	-	25%	-
8503 00 29	---- Other	-	25%	-
8503 00 90	--- Other	-	25%	-
<b>8504</b>	<b>Electrical transformers, static converters (for example, rectifiers) and inductors</b>			
8504 10	- <i>Ballasts for discharge lamps or tubes:</i>			
8504 10 10	--- Conventional type	NUM	30%	-
8504 10 20	--- For Compact Fluorescent Lamps	NUM	30%	-
8504 10 90	--- Other	NUM	30%	-
	- <i>Liquid dielectric transformers:</i>			
8504 21 00	-- Having a power handling capacity not exceeding 650 kVA	NUM	25%	-
8504 22 00	-- Having a power handling capacity exceeding 650 kVA but not exceeding 10000 kVA	NUM	25%	-
8504 23	-- <i>Having a power handling capacity exceeding 10000 kVA:</i>			
8504 23 10	--- Having a power handling capacity exceeding 10000 kVA but not exceeding 50000 kVA	NUM	25%	-
8504 23 20	--- Having a power handling	NUM	25%	-

	capacity exceeding 50000 kVA but not exceeding 100000 kVA				
8504 23 30	--- Having a power handling capacity exceeding 100000 kVA but not exceeding 250000 kVA	NUM	25%	-	
8504 23 40	--- Having a power handling capacity exceeding 250000 kVA	NUM	25%	-	
	- <i>Other transformers:</i>				
8504 31 00	-- <i>Having a power handling capacity not exceeding 1 kVA</i>	NUM	25%	-	
8504 32 00	-- Having a power handling capacity exceeding 1 kVA but not exceeding 16 kVA	NUM	25%	-	
8504 33 00	-- Having a power handling capacity exceeding 16 kVA but not exceeding 500 kVA	NUM	25%	-	
8504 34 00	-- Having a power handling capacity exceeding 500 kVA	NUM	25%	-	
8504 40	- <i>Static converter:</i>				
8504 40 10	--- Electric inverter	NUM	25%	-	
	--- <i>Rectifier:</i>				
8504 40 21	---- Dip bridge rectifier	NUM	25%	-	
8504 40 29	---- Other	NUM	25%	-	
8504 40 30	--- Battery chargers	NUM	25%	-	
8504 40 40	--- Voltage Regulator and Stabilizers	NUM	25%	-	
8504 40 90	--- Other	NUM	25%	-	
8504 50	- <i>Other inductors:</i>				
8504 50 10	--- Choke coils (chokes)	NUM	25%	-	
8504 50 90	--- Others	NUM	25%	-	
8504 90	- <i>Parts :</i>				
8504 90 10	--- Of transformers	-	25%	-	
8504 90 90	--- Other	-	25%	-	
<b>8505</b>	<b>Electro-magnets; permanent magnets and articles intended to become permanent magnets after magnetisation; Electro-magnetic or permanent magnet chucks, clamps and similar holding devices; Electro-magnetic couplings,</b>				

	<b>clutches and brakes; Electro-magnetic lifting heads</b>			
	- <i>Permanent magnets and articles intended to become permanent magnets after magnetisation:</i>			
8505 11	-- Of metal:			
8505 11 10	--- Ferrite cores	-	25%	-
8505 11 90	--- Other	-	25%	-
8505 19 00	-- Other	-	25%	-
8505 20 00	- Electro-magnetic couplings, clutches and brakes	-	25%	-
8505 30 00	- Electro-magnetic lifting heads	-	25%	-
8505 90 00	- Other, including parts	-	25%	-
<b>8506</b>	<b>Primary cells and primary batteries</b>			
8506 10 00	- Manganese dioxide	NUM	30%	-
8506 30 00	- Mercuric oxide	NUM	30%	-
8506 40 00	- Silver oxide	NUM	30%	-
8506 50 00	- Lithium	NUM	30%	-
8506 60 00	- Air-Zinc	NUM	30%	-
8506 80	- <i>Other primary cell and primary batteries:</i>			
8506 80 10	--- Button Cell	NUM	30%	-
8506 80 90	--- Other	NUM	30%	-
8506 90 00	- Parts	-	30%	-
<b>8507</b>	<b>Electric accumulators, including separators thereof, whether or not rectangular (including square)</b>			
8507 10 00	- Lead-acid of a kind used for starting piston engines	NUM	30%	-
8507 20 00	- Other lead-acid accumulators	-	30%	-



8507 30 00	- Nickel-cadmium	-	30%	-
8507 40 00	- Nickel-Iron	NUM	30%	-
8507 50 00	- Lithium iodine battery	NUM	30%	-
8507 80 00	- Other accumulators	-	30%	-
8507 90	- <i>Parts:</i>			
8507 90 10	--- Accumulator cases made of hard rubber and separators	-	30%	-
8507 90 90	--- Other	-	30%	-
<b>8508</b>	<b>Electro-mechanical tools for working in the hand, with self-contained electric motor</b>			
8508 10 00	- Drills of all kinds	NUM	30%	-
8508 80	- <i>Other tools:</i>			
8508 80 10	--- Vibrators	NUM	30%	-
8508 80 90	--- Other	NUM	30%	-
8508 90 00	- Parts	-	30%	-
<b>8509</b>	<b>Electro-mechanical domestic appliances, with self-contained electric motor</b>			
8509 10 00	- Vacuum cleaners, including dry and wet vacuum cleaners	NUM	30%	-
8509 20 00	- Floor polishers	NUM	30%	-
8509 30 00	- Kitchen waste disposers	NUM	30%	-
8509 40	- <i>Food grinders and mixers; Fruit or vegetable juice extractors:</i>			
8509 40 10	--- Food grinders	NUM	30%	-
8509 40 90	--- Other	NUM	30%	-
8509 80 00	- Other appliances	-	30%	-
8509 90 00	- Parts	-	30%	-
<b>8510</b>	<b>Shavers, hair clippers and hair-removing appliances, with self-contained electric motor</b>			
8510 10 00	- Shavers	NUM	30%	-
8510 20 00	- Hair clippers	NUM	30%	-
8510 30 00	- Hair-removing appliances	NUM	30%	-

8510 90 00	-	Parts	-	30%	-
<b>8511</b>		<b>Electrical ignition or starting equipment of a kind used for spark-ignition or compression-ignition internal combustion engines (for example, ignition magnetos, magneto-dynamos, ignition coils, sparking plugs and glow plugs, starter motors); Generators (for example, dynamos, alternators) and cut-outs of a kind used in conjunction with such engines</b>			
8511 10 00	-	Sparking plugs	-	30%	-
8511 20	-	<i>Ignition magnetos; Magnetos-dynamos; Magnetic flywheels:</i>			
8511 20 10	---	Electronic magnetos	-	30%	-
8511 20 90	---	Other	-	30%	-
8511 30	-	<i>Distributors; ignition coils:</i>			
8511 30 10	---	Distributors	-	30%	-
8511 30 90	---	Ignition coils	-	30%	-
8511 40 00	-	Starter motors and dual purpose starter-generators	-	30%	-
8511 50 00	-	Other generators	-	30%	-
8511 80 00	-	Other equipment	-	30%	-
8511 90 00	-	Parts	-	30%	-
<b>8512</b>		<b>Electrical lighting or signalling equipment (excluding articles of heading 8539), windscreen wipers, defrosters and demisters, of a kind used for cycles or motor vehicles</b>			
8512 10 00	-	Lighting or visual signalling equipment of a kind used on bicycles	-	30%	-
8512 20	-	<i>Other lighting or visual</i>			

8512 20 10	---	<i>signalling equipment:</i> Head lamps, tail lamp, stop lamp, side lamp and blinkers	-	30%	-
8512 20 20	---	Other automobile lighting equipment	-	30%	-
8512 20 90	---	Other	-	30%	-
8512 30	-	<i>Sound signalling equipment:</i>			
8512 30 10	---	Horn	-	30%	-
8512 30 90	---	Other	-	30%	-
8512 40 00	-	Windscreen wipers, defrosters and demisters	-	30%	-
8512 90 00	-	Parts	-	30%	-
<b>8513</b>		<b>Portable electric lamps designed to function by their own source of energy (for example, dry batteries, accumulators, magnetos), other than lighting equipment of heading 8512</b>			
8513 10	-	<i>Lamps:</i>			
8513 10 10	---	Torch	-	30%	-
8513 10 20	---	Other flash lights excluding those for photographic purposes	-	30%	-
8813 10 30	---	Miners safety lamps	-	30%	-
8513 10 40	---	Magneto lamps	-	30%	-
8513 10 90	---	Other	-	30%	-
8513 90 00	-	Parts	-	30%	-
<b>8514</b>		<b>Industrial or laboratory electric(including induction or dielectric) furnaces and ovens ( including those functioning by induction or dielectric loss); Other industrial or laboratory equipment for the heat treatment of materials by induction or dielectric loss</b>			
8514 10 00	-	Resistance heated furnaces and ovens	-	25%	-
8514 20 00	-	Furnaces or ovens functioning by induction or dielectric loss	-	25%	-

8514 30	-	<i>Other furnaces and ovens:</i>			
8514 20 10	---	For melting	-	25%	-
8514 20 90	---	Other	-	25%	-
8514 40 00	-	Other equipment for the heat treatment of materials by induction or dielectric loss	-	25%	-
8514 90 00	-	Parts	-	25%	-
<b>8515</b>		<b>Electric (including electrically heated gas), laser or other light or photo beam, ultrasonic, electron beam, magnetic pulse or plasma arc soldering, brazing or welding machines and apparatus, whether or not capable of cutting; Electric machines and apparatus for hot spraying of metals or cermets</b>			
	-	<i>Brazing or soldering machines and apparatus:</i>			
8515 11 00	--	Soldering irons and guns	-	25%	-
8515 19 00	--	Other	-	25%	-
	-	<i>Machines and apparatus for resistance welding of metal:</i>			
8515 21	--	<i>Fully or partly automatic:</i>			
8515 21 10	---	Automatic spot welding machinery	-	25%	-
8515 21 20	---	Automatic butt welding machinery	-	25%	-
8515 21 90	---	Other	-	25%	-
8515 29 00	--	Other	-	25%	-
	-	<i>Machines and apparatus for arc (including plasma arc) welding of metals:</i>			
8515 31 00	--	Fully or partly automatic	-	25%	-
8515 39	--	<i>Other:</i>			
8515 39 10	---	AC arc welding machinery	-	25%	-
8515 39 20	---	Argon arc welding machinery	-	25%	-
8515 39 90	---	Other	-	25%	-
8515 80	-	<i>Other machines and apparatus:</i>			

8515 80 10	--- High frequency plastic welding machine	NUM	25%	-
8515 80 90	--- Other	NUM	25%	-
8515 90 00	- Parts	-	25%	-
<b>8516</b>	<b>Electric instantaneous or storage water heaters and immersion heaters; Electric space heating apparatus and soil heating apparatus; Electric-thermic hair-dressing apparatus (for example hair dryers, hair curlers, curling tong heaters) and hand dryers, Electro smoothing irons; Other electric-thermic appliances of a kind used for domestic purposes; Electric heating resistors, other than those of heading 8545</b>			
8516 10 00	- Electric instantaneous or storage water heaters and immersion heaters - <i>Electric space heating apparatus and electric soil heating apparatus:</i>	NUM	30%	-
8516 21 00	-- Storage heating radiators	NUM	30%	-
8516 29 00	-- Other - <i>Electro-thermic hair-dressing or hand drying apparatus</i> :	NUM	30%	-
8516 31 00	-- Hair dryers	NUM	30%	-
8516 32 00	-- Other hair-dressing apparatus	NUM	30%	-
8516 33 00	-- Hand-drying apparatus	NUM	30%	-
8516 40 00	- Electric smoothing irons	NUM	30%	-
8516 50 00	- Microwave ovens	NUM	30%	-
8516 60 00	- Other ovens; Cookers, cooking plates boiling rings, grillers and roasters - <i>Other electro-thermic appliances:</i>	NUM	30%	-
8516 71 00	-- Coffee or tea makers	NUM	30%	-

8516 72 00	-- Toasters	NUM	30%	-
	-- <i>Other:</i>			
8516 79 10	--- Electro thermic fluid heater	NUM	30%	-
8516 79 20	--- Electrical/electronic devices for repelling insects (e.g. mosquitoes etc.)	NUM	30%	-
8516 79 90	--- <i>Other</i>	NUM	30%	-
8516 80 00	- Electric heating resistors	NUM	30%	-
8516 90 00	- Parts	-	25%	-
<b>8517</b>	<b>Electrical apparatus for line telephony or line telegraphy, including line telephone sets with cordless handsets and telecommunication apparatus for carrier-current line system or for digital line systems; Videophones</b>			
	- <i>Telephone sets; Videophones:</i>			
8517 11	-- <i>Line telephone sets with cordless handsets :</i>			
8517 11 10	--- Push button type	NUM	15%	-
8517 11 90	--- Other	NUM	15%	-
8517 19	-- <i>Other:</i>			
	--- <i>Telephone sets:</i>			
8517 19 11	---- Push button type	NUM	15%	-
	:			
8517 19 12	---- Rotary dial type	NUM	15%	-
8517 19 19	---- Other	-	15%	-
8517 19 20	--- Videophones	NUM	15%	-
	- <i>Facsimile machines and Teleprinters:</i>			
8517 21 00	-- Facsimile machines	NUM	15%	-
8517 22 00	-- Teleprinters	NUM	15%	-
8517 30 00	- Telephonic or telegraphic switching apparatus	NUM	15%	-
8517 50	- <i>Other apparatus, for carrier-current line systems or for digital line systems:</i>			
8517 50 10	-- PLCC equipment	-	15%	-
8517 50 20	-- Voice frequency telegraphy	-	15%	-
8517 50 30	-- Modems (modulators-demodulators)	NUM	15%	-
8517 50 40	-- High Bit Rate Digital Subscriber Line System	-	15%	-

8517 50 50	(HDSL) -- Digital Loop Carrier System (DLC)	-	15%	-
8517 50 60	-- Synchronous Digital Hierarchy System (SDH)	-	15%	-
8517 50 70	-- Multiplexer, statistical multiplexer	-	15%	-
	--- <i>Other:</i>			
8517 50 91	---- ISDN terminals	NUM	15%	-
8517 50 92	---- ISDN Terminal Adapters	-	15%	-
8517 50 93	---- Routers	NUM	15%	-
8517 50 94	---- X25 pads	NUM	15%	-
8517 50 95	---- Set Top Boxes for gaining access to the Internet	NUM	15%	-
8517 50 99	---- Other	-	15%	-
8517 80	- <i>Other apparatus:</i>			
8517 80 10	--- Attachments for Telephones	-	15%	-
8517 80 20	--- Subscriber end equipment	-	15%	-
8517 80 90	--- Other	-	15%	-
8517 90	- <i>Parts:</i>			
8517 90 10	--- Populated, loaded or stuffed Printed Circuit Boards	-	15%	-
8517 90 90	--- Other	-	15%	-
<b>8518</b>	<b>Microphones and stands therefor; Loudspeakers, whether or not mounted in their enclosures; Headphones and earphones, whether or not combined with microphone, and sets consisting of a microphone and one or more loudspeakers; Audio-frequency electric amplifiers; Electric sound amplifier sets</b>			
8518 10 00	- Microphones and stands therefor - <i>Loud-speakers, whether or not mounted in their enclosures:</i>	-	30%	-
8518 21 00	-- Single loudspeakers, mounted in their enclosures	-	30%	-
8518 22 00	-- Multiple loudspeakers, mounted in the same enclosure	-	30%	-

8518 29 00	-- Other	-	30%	-
8518 30 00	- Headphones and earphones, whether or not combined with microphone, and sets consisting of a microphone and one or more loudspeakers	-	30%	-
8518 40 00	- Audio-frequency electric amplifiers	-	30%	-
8518 50 00	- Electric sound amplifier sets	-	30%	-
8518 90 00	- Parts	-	25%	-
<b>8519</b>	<b>Turntables (record-decks), record-players, cassette-players and other sound reproducing apparatus, not incorporating a sound recording device</b>			
8519 10 00	- Coin-or disc-operated record-players	NUM	30%	-
8519 21	- <i>Other record-players:</i>			
8519 21 10	--- Without loudspeaker: Gramophone (not operating on electricity)	NUM	30%	-
8519 21 90	--- Other	NUM	30%	-
8519 29	-- <i>Other</i>			
8519 29 10	--- Gramophone (not operating on electricity)	NUM	30%	-
8519 29 90	--- Other	NUM	30%	-
8519 31 00	- <i>Turntables (recordecks):</i> -- With automatic record changing mechanism	NUM	30%	-
8519 39 00	-- Other	NUM	30%	-
8519 40 00	- Transcribing machines	NUM	30%	-
8519 92 00	- <i>Other sound reproducing apparatus:</i> -- Pocket-size cassette-type	NUM	30%	-
8519 93 00	-- Other, cassette-type	NUM	30%	-
8519 99	-- <i>Other</i>			



8519 99 10	---	CD (Audio Compact Disc Player)	NUM	30%	-
8519 99 20	---	Compact disc changer including mini disc player/laser disc player	NUM	30%	-
8519 99 30	---	Time Code Readers	NUM	30%	-
8519 99 40	---	MP-3 Player	NUM	30%	-
8519 99 90	---	Other	NUM	30%	-
<b>8520</b>		<b>Magnetic tape recorders and other sound recording apparatus, whether or not incorporating a sound reproducing device</b>			
8520 10 00	-	Dictating machines not capable of operating without an external source of power	NUM	30%	-
8520 20 00	-	Telephone answering machines	NUM	30%	-
	-	<i>Other magnetic tape recorders incorporating sound reproducing apparatus:</i>			
8520 32 00	--	Digital audio type	NUM	15%	-
8520 33	--	Other, cassette-type:			
8520 33 10	---	Heavy duty tape recorders	NUM	30%	-
8520 33 90	---	Other	NUM	30%	-
8520 39	--	<i>Other</i>			
	:				
8520 39 11	----	Heavy duty tape recorders	NUM	30%	-
8520 39 19	----	Other	NUM	30%	-
8520 90	-	<i>Other</i>			
	:				
8520 90 10	---	C.D. (Audio recorder), reproducing apparatus	NUM	30%	-
8520 90 20	---	Musical system	NUM	30%	-
8520 90 90	---	Other	NUM	30%	-
<b>8521</b>		<b>Video recording or reproducing apparatus, whether or not incorporating a video tuner</b>			
8521 10	-	<i>Magnetic tape-type:</i>			
	---	<i>Cassette tape-type:</i>			
8521 10 11	----	Professional video tape recorders with 1/2" or 1" tape	NUM	30%	-
8521 10 12	----	Video recorders	NUM	30%	-

		Betacam/Betacam SP/Digital Betacam S-VHS/Digital-S				
8521 10 19	----	Other	NUM	30%	-	
	---	<i>Spool type</i>				
8521 10 21	----	Professional video tape recorders with _” or 1” tape	NUM	30%	-	
8521 10 22	----	Video recorders Betacam/Betacam SP/Digital Betacam S-VHS/Digital-S	NUM	30%	-	
8521 10 29	----	Other	NUM	30%	-	
	---	<i>Other</i>				
		:				
8521 10 91	----	Professional video tape recorders with _” or 1 “ tape solid state or otherwise	NUM	30%	-	
8521 10 92	----	Video recorders Betacam/Betacam SP/Digital Betacam S-VHS/Digital-S	NUM	30%	-	
8521 10 99	---	Other	NUM	30%	-	
8521 90	-	<i>Other</i>				
		:				
8521 90 10	---	Video duplicating System with master and slave control	NUM	30%	-	
8521 90 20	---	DVD Player	NUM	30%	-	
8521 90 90	---	Other	NUM	30%	-	
<b>8522</b>		<b>Parts and accessories suitable for use solely or principally with the apparatus of headings 8519 to 8521</b>				
8522 10 00	-	Pick-up-cartridges	-	30%	-	
8522 90 00	-	Other		30%	-	
<b>8523</b>		<b>Prepared unrecorded media for sound recording or similar recording of other phenomena, other than products of Chapter 37</b>				
		- <i>Magnetic tapes:</i>				
8523 11	--	<i>Of a width not exceeding 4 mm :</i>				
	---	<i>For recording sound :</i>				
8523 11 11	----	Audio cassette	-	10%	-	
8523 11 19	----	Other	-	10%	-	
	---	<i>For recording phenomena other than sound:</i>				
8523 11 21	----	Video cassette	-	10%	-	
8523 11 22	----	Other video magnetic tape	-	10%	-	

		including those in hubs and reels, rolls, pancakes and jumbo rolls			
8523 11 29	----	Other	-	10%	-
8523 12	--	<i>Of a width exceeding 4 mm but not exceeding 6.5 mm:</i>			
	---	<i>For recording sound:</i>			
8523 12 11	----	Audio cassette	-	10%	-
8523 12 19	----	Other	-	10%	-
	---	<i>For recording phenomena other than sound :</i>			
8523 12 21	----	Video cassette	-	10%	-
8523 12 22	----	Other video magnetic tape including those in hubs and reels, rolls, pancakes and jumbo rolls	-	10%	-
8523 12 29	----	Other	-	10%	-
8523 13	--	<i>Of a width exceeding 6.5 mm</i>			
	---	<i>For recording sound :</i>			
8523 13 11	----	Audio cassette of tape width exceeding 6.5 mm but not exceeding 35 mm and 16 mm sprocket tapes	-	10%	-
8523 13 12	----	Other audio cassette	-	10%	-
8523 13 13	----	Other audio magnetic tape of width exceeding 6.5 mm but not exceeding 35 mm and 16 mm sprocket tapes	-	10%	-
8523 13 19	----	Other	-	10%	-
	---	<i>For recording phenomena other than sound :</i>			
8523 13 21	----	_” and 1” video cassette	-	10%	-
8523 13 22	----	_” video cassette suitable to work with Beta cam Beta cam SP/M II & VHS type VCR	-	10%	-
8523 13 23	----	8 mm video cassette	-	10%	-
8523 13 24	----	Other video cassette	-	10%	-
8523 13 25	----	_” and 1” video tape	-	10%	-
8523 13 26	----	8 mm video tape	-	10%	-
8523 13 27	----	Other video tape	-	10%	-
8523 13 29	----	Other	-	10%	-
8523 20	-	Magnetic discs:			
8523 20 10	----	Hard disc pack	-	10%	-
8523 20 20	----	Floppy disc or diskettes	-	10%	-
8523 20 90	----	Other	-	10%	-
8523 30 00	-	Cards incorporating a magnetic stripe	-	30%	-

8523 90	-	<i>Other:</i>			
8523 90 10	---	Matrices for the production of records; prepared record blanks	-	10%	-
8523 90 20	---	Cartridge Tape	-	10%	-
8523 90 30	---	1/2" video cassette suitable to work with Digital type – VCR	-	10%	-
8523 90 40	---	Unrecorded compact disc (Audio)	-	10%	-
8523 90 50	---	CD recordable	-	10%	-
8523 90 60	---	Blank Master Disc (i.e. substrate) for producing stamper for Compact Disc	-	10%	-
8523 90 90	---	Other	-	10%	-
<b>8524</b>		<b>Records, tapes and other recorded media for sound or other similarly recorded phenomena, including matrices and masters for the production of records, but excluding products of chapter 37</b>			
8524 10	-	<i>Gramophone records:</i>			
8524 10 10	---	Learning aids, such as, language records	-	30%	-
8524 10 90	---	Other	-	30%	-
	-	<i>Discs for laser reading systems:</i>			
8524 31	--	<i>For reproducing phenomena other than sound or image:</i>			
	---	<i>Software::</i>			
8524 31 11	----	I. T. Software	-	10%	-
8524 31 19	----	Other	-	10%	-
8524 31 90	---	Other	-	10%	-
8524 32	--	<i>For reproducing sound only:</i>			
8524 32 10	---	Pre-recorded audio compact discs/pre-recorded audio mini discs	-	30%	-
8524 32 90	---	Other	-	30%	-
8524 39	--	<i>Other:</i>			
8524 39 10	---	Video disc of educational nature	-	30%	-
8524 39 20	---	Other video films	-	30%	-
8524 39 30	---	Video CD	-	30%	-
8524 39 40	---	DVD	-	30%	-
8524 39 50	---	Laser Disc	-	30%	-

8524 39 90	---	Other	-	30%	-
8524 40	-	<i>Magnetic tapes for reproducing phenomena other than sound or image:</i>			
	--	<i>Software:</i>			
8524 40 11	----	IT software	-	10%	-
8524 40 19	----	Other	-	10%	-
8524 40 90	---	Other	-	10%	-
8524 51	-	<i>Other magnetic tapes:</i>			
	--	<i>Of a width not exceeding 4 mm:</i>			
	---	<i>Learning aids:</i>			
8524 51 11	----	Audio cassettes	-	30%	-
8524 51 12	----	Video tapes of educational nature	-	30%	-
8524 51 19	----	Other	-	30%	-
8524 51 20	---	Audio-visual news or audio-visual views material including news clippings	-	30%	-
8524 51 30	---	Children's video films	-	30%	-
8524 51 40	---	Other video films	-	30%	-
8524 51 90	---	Other	-	30%	-
8524 52	---	<i>Of a width exceeding 4mm but not exceeding 6.5mm:</i>			
	---	<i>Learning aids:</i>			
8524 52 11	----	Audio cassettes	-	30%	-
8524 52 12	----	Video tapes of educational nature	-	30%	-
8524 52 19	----	Other	-	30%	-
8524 52 20	---	Audio-visual news or audio-visual views material including news clippings.	-	30%	-
8524 52 30	---	Children's video films	-	30%	-
8524 52 40	---	Other Video films	-	30%	-
8524 52 90	---	Other	-	30%	-
8524 53	--	<i>Of a width exceeding 6.5mm :</i>			
	---	<i>Learning aids:</i>			
8524 53 11	----	Audio cassettes	-	30%	-
8543 53 12	----	Video tapes of educational nature	-	30%	-
8543 53 19	----	Other	-	30%	-
	---	<i>Audio-visual News or Audio-visual material including news clippings:</i>			
8543 53 21	---	Children's video films	-	30%	-
8543 53 29	---	Other Video films	-	30%	-
8543 53 90	---	Other	-	30%	-
8524 60 00	-	Cards incorporating a	-	30%	-

	magnetic stripe				
	- <i>Other:</i>				
8524 91	-- <i>For reproducing phenomena other than sound or image:</i>				
	--- <i>Software:</i>				
8524 91 11	---- IT software on floppy disc/cartridge Tape	-	10%	-	
8524 91 12	---- IT software on disc and on CD ROM	-	10%	-	
8524 91 13	---- IT software on other media	-	10%	-	
8524 91 19	---- Other	-	10%	-	
8524 91 90	--- Other	-	10%	-	
8524 99	-- <i>Other :</i>				
8524 99 10	--- C.D-ROM	-	30%	-	
8524 99 20	--- Audio-Visual News or Audio-Visual views material including news clippings	-	30%	-	
8524 99 30	--- 2-D/3D computer graphics	-	30%	-	
8524 99 40	--- Stamper for CD Audio, CD video & CD-ROM	-	30%	-	
	--- <i>Other</i>				
	:				
8524 99 91	-- Matrices for the production of Records; Prepared record blanks	-	30%	-	
8524 99 99	--- Others	-	30%	-	
<b>8525</b>	<b>Transmission apparatus for radio-telephony, radio-telegraphy, radio-broadcasting or television, whether or not incorporating reception apparatus or sound recording or reproducing apparatus; Television cameras; still-mage video cameras and other video camera recorders; digital cameras</b>				
8525 10	- <i>Transmission apparatus:</i>				
8525 10 10	--- Radio broadcast transmitter	NUM	25%	-	
8525 10 20	--- TV broadcast transmitter	NUM	25%	-	
8525 10 30	--- Broadcast equipment subsystem	NUM	25%	-	
8525 10 40	--- Communication jamming equipments	NUM	25%	-	
8525 10 50	--- Wireless microphone	NUM	25%	-	
8525 10 90	--- Other	NUM	25%	-	
8525 20	- <i>Transmission apparatus</i>				

	<i>incorporating reception apparatus::</i>				
	--- <i>Two way radio communication equipment:</i>				
8525 20 11	---- Walkie talkie set	NUM	15%	-	
8525 20 12	---- Cordless handset	NUM	15%	-	
8525 20 13	---- Car telephone	NUM	15%	-	
8525 20 14	---- Transportable telephone	NUM	15%	-	
8525 20 15	---- Marine radio communication equipment	NUM	15%	-	
8525 20 16	---- Amateur radio equipment	NUM	15%	-	
8525 20 17	---- Cellular telephone	NUM	15%	-	
8525 20 19	---- Other	NUM	15%	-	
	--- <i>Other:</i>				
8525 20 91	---- VSAT Terminals	NUM	15%	-	
8525 20 92	---- Other satellite communication equipment	NUM	15%	-	
8525 20 99	---- Other	NUM	15%	-	
8525 30 00	- Television cameras	NUM	30%	-	
8525 40 00	- Still image video cameras and other video camera recorders; digital Cameras	NUM	30%	-	
<b>8526</b>	<b>Radar apparatus, radio navigational aid apparatus and radio remote control apparatus</b>				
8526 10 00	- Radar apparatus	-	30%	-	
	- <i>Other:</i>				
8526 91	-- <i>Radio navigational aid apparatus:</i>				
8526 91 10	--- Direction measuring equipment	-	30%	-	
8526 91 20	--- Instrument landing system	-	30%	-	
8526 91 30	--- Direction finding equipment	-	30%	-	
8526 91 40	--- Non directional beacon	-	30%	-	
8526 91 50	--- VHF omni range equipment	-	30%	-	
8526 91 90	--- Other	-	30%	-	
8526 92 00	-- Radio remote control apparatus	-	30%	-	
8526 93 00	--- Global Positioning System (GPS) Receiver; Differential Global Positioning System (DGPS) Receiver	-	30%	-	
8526 99 00	--- Others	-	30%	-	
<b>8527</b>	<b>Reception apparatus for</b>				

	<b>radio-telephony or radio-broadcasting, whether or not combined, in the same housing, with sound recording apparatus or a clock</b>				
	- <i>Radio-broadcast receivers capable of operating without an external source of power, including apparatus capable of receiving also radio-telephony or radio-telegraphy:</i>				
8527 12 00	-- Pocket-size radio cassette-players	NUM	30%	-	
8527 13 00	-- Other apparatus combined with sound recording or reproducing apparatus	NUM	30%	-	
8527 19 00	-- Other	NUM	30%	-	
	- <i>Radio-broadcast receivers not capable of operating without an external source of power, of a kind used in motor vehicles, including apparatus capable of receiving also radio-telephony or radio-telegraphy:</i>				
8527 21 00	-- Combined with sound recording or reproducing apparatus	NUM	30%	-	
8527 29 00	-- Other	NUM	30%	-	
	- <i>Other radio-broadcast receivers, including apparatus capable of receiving also radio-telephony or radio-telegraphy:</i>				
8527 31 00	-- Combined with sound recording or reproducing apparatus	NUM	30%	-	
8527 32 00	-- Not combined with sound recording or reproducing apparatus but combined with a clock	NUM	30%	-	
8527 39 00	-- Other	NUM	30%	-	



8527 90	- <i>Other apparatus:</i>				
	-- <i>Radio communication receivers:</i>				
8527 90 11	---- Radio pagers	NUM	30%	-	
8527 90 12	---- Demodulators	NUM	30%	-	
8527 90 19	---- Other	NUM	30%	-	
8527 90 90	--- Other	NUM	30%	-	
<b>8528</b>	<b>Reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus; Video monitors and video projectors</b>				
	- <i>Reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus:</i>				
8528 12	-- <i>Colour :</i>				
8528 12 11	---- Television set of screen size upto 36 cm	NUM	30%	-	
8528 12 12	---- Television set of screen size exceeding 36cm but not exceeding 54cm	NUM	30%	-	
8528 12 13	---- Television set of screen size exceeding 54 cm but not exceeding 68cm	NUM	30%	-	
8528 12 14	---- Television set of screen size exceeding 68 cm but not exceeding 74cm	NUM	30%	-	
8528 12 15	---- Television set of screen size exceeding 74 cm but not exceeding 87cm	NUM	30%	-	
8528 12 16	---- Television set of screen size exceeding 87 cm but not exceeding 105cm	NUM	30%	-	
8528 12 17	---- Television set of screen size exceeding 105 cm	NUM	30%	-	
8528 12 18	---- Liquid crystal Display Television set of screen size below 25"	NUM	30%	-	
8528 12 19	---- Other	NUM	30%	-	
	--- <i>Other :</i>				
8528 12 91	---- Satellite Receivers	NUM	30%	-	
8528 12 99	---- Other	NUM	30%	-	
8528 13	-- <i>Black and white or other</i>				

8528 12 10	---	<i>monochrome:</i> Liquid Crystal Display Television set of screen size below 25cm	NUM	30%	-
8528 12 90	---	Other	NUM	30%	-
8528 21	-	<i>Video monitors:</i>			
8528 21 10	---	<i>Colour:</i> Professional monitors for studio use (of resolution 800 lines and above)	NUM	30%	-
8528 21 90	---	Other	NUM	30%	-
8528 22 00	--	Black & white or other monochrome	NUM	30%	-
8528 30	-	<i>Video projectors</i>			
8528 30 10	---	: Projection TVs	NUM	30%	-
8528 30 20	---	Video/data/graphic projectors or projection systems including LCD panels	NUM	30%	-
8528 30 90	---	Other	NUM	30%	-
<b>8529</b>		<b>Parts suitable for use solely or principally with the apparatus of headings 8525 to 8528</b>			
8529 10	-	<i>Aerials and aerial reflectors of all kinds; parts suitable for use therewith</i>			
	---	: <i>Dish Antenna</i>			
8529 10 11	----	: For communication Jamming equipment	-	25%	-
8529 10 12	----	For amateur radio communication equipment	-	25%	-
8529 10 19	----	Other	-	25%	-
8529 10 21	----	<i>Other Aerials/Antenna:</i> For amateur radio communication equipment	-	25%	-
8529 10 22	----	For communication jamming equipment	-	25%	-
8529 10 29	----	Other	-	25%	-
8529 10 91	----	<i>Other:</i> For amateur radio communication	-	25%	-
8529 10 92	----	For communication jamming	-	25%	-

8529 10 99	----	equipment Other	-	25%	-
8529 90	-	<i>Other</i>			
8529 90 10	---	: For amateur radio communication equipment	-	25%	-
8529 90 20	---	For communication jamming equipment	-	25%	-
8529 90 90	---	Other	-	25%	-
<b>8530</b>		<b>Electrical signaling, safety or traffic control equipment of railways, tramways, roads, inland waterways, parking facilities, port installations or airfields (other than those of heading 8608)</b>			
8530 10	-	<i>Equipment for railways or tramways:</i>			
8530 10 10	---	For railways	-	25%	-
8530 10 20	---	For tramways	-	25%	-
8530 80 00	-	Other equipment	-	25%	-
8530 90 00	-	Parts	-	25%	-
<b>8531</b>		<b>Electric-sound or visual signalling apparatus (for example, bells, sirens, indicator panels, burglar or fire alarms), other than those of heading 8512 or 8530</b>			
8531 10	-	<i>Burglar or fire alarms and similar apparatus:</i>			
8531 10 10	---	Burglar alarm	NUM	30%	-
8531 10 20	---	Fire alarm	NUM	30%	-
8531 10 90	---	Other	NUM	30%	-
8531 20 00	-	Indicator panels incorporation liquid crystal devices (LCD) or light emitting diodes (LED)	NUM	15%	-
8531 80 00	-	Other apparatus	NUM	30%	-
8531 90 00	-	Parts	NUM	30%	-

<b>8532</b>	<b>Electrical capacitors, fixed, variable or adjustable (pre-set)</b>			
8532 10 00	- Fixed capacitors designed for use in 50/60 Hz circuits and having a reactive power handling capacity of not less than 0.5 kvar (power capacitors) - <i>Other fixed capacitors:</i>	-	15%	-
8532 21 00	-- Tantalum	-	Free	-
8532 22 00	-- Aluminum electrolytic	-	15%	-
8532 23 00	-- Ceramic dielectric, single layer	-	15%	-
8532 24 00	-- Ceramic dielectric multilayer	-	Free	-
8532 25 00	-- Dielectric of paper or plastics	-	15%	-
8532 29	-- <i>Other:</i>			
8532 29 10	--- Of dielectric of mica	-	15%	-
8532 29 90	--- Other	-	15%	-
8532 30 00	- Variable or adjustable (pre-set) capacitors	-	15%	-
8532 90 00	- Parts	-	Free	-
<b>8533</b>	<b>Electrical resistors (including rheostats and potentiometers), other than heating resistors</b>			
8533 10 00	- Fixed carbon resistors, composition or film types  - <i>Other fixed resistors:</i>	-	15%	-
8533 21	-- <i>For a power handling capacity not exceeding 20 W:</i>			
	--- <i>Of bare wire :</i>			
8533 21 11	---- Of nichrome	-	15%	-
8533 21 19	---- Other	-	15%	-
	--- <i>Of insulated wire :</i>			
8533 21 21	---- Of nichrome	-	15%	-
8533 21 29	---- Other	-	15%	-
8533 29	-- <i>Other</i>			

	--- <i>Of bare wire:</i>			
8533 29 11	---- Of nichrome	-	15%	-
8533 29 19	---- Other	-	15%	-
	--- <i>Of insulated wire :</i>			
8533 29 21	---- Of nichrome	-	15%	-
8533 29 29	---- Other	-	15%	-
	- <i>Wirewound variable resistors, including rheostats and potentiometers:</i>			
8533 31	-- <i>For a power handling capacity not exceeding 20W:</i>			
8533 31 10	--- Potentiometers	-	15%	-
8533 31 20	--- Rheostats	-	15%	-
8533 31 90	--- Other	-	15%	-
8533 39	-- <i>Other:</i>			
8533 39 10	--- Potentiometers	-	15%	-
8533 39 20	--- Rheostats	-	15%	-
8533 39 90	--- Other	-	15%	-
8533 40	- <i>Other variable resistors, including rheostats and potentiometers:</i>			
8533 40 10	--- Potentiometers	-	15%	-
8533 40 20	--- Rheostats	-	15%	-
8533 40 30	--- Thermistors	-	15%	-
8533 40 90	--- Other	-	Free	-
8533 90 00	- Parts	-	Free	-
<b>8534 00 00</b>	<b>Printed circuits</b>	-	15%	-
<b>8535</b>	<b>Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits (for example, switches, fuses, lighting arresters, voltage limiters, surge suppressors, plugs, junction boxes), for a voltage exceeding 1,000 volts</b>			
8535 10	- <i>Fuses:</i>			
8535 10 10	--- For switches having rating upto 15 amps rewirable	-	25%	-
8535 10 20	--- For switches having rating above 15 amps high rupturing capacity/rewirable	-	25%	-
8535 10 30	--- Other rewirable fuses	-	25%	-
8535 10 40	--- Other high rupturing capacity fuses	-	25%	-

8535 10 50	---	Fuses gear	-	25%	-
8535 10 90	---	Other	-	25%	-
8535 21	-	<i>Automatic circuit breakers:</i>			
	--	<i>For a voltage of less than 72.5 kV:</i>			
	---	<i>SF6 circuit breakers :</i>			
8535 21 11	----	For a voltage of 11 kV	-	25%	-
	:				
8535 21 12	----	For a voltage of 33 kV	-	25%	-
8535 21 13	----	For a voltage of 66 kV	-	25%	-
	---	<i>Vacuum circuit breaker:</i>			
8535 21 21	----	For a voltage of 11 kV	-	25%	-
8535 21 22	----	For a voltage of 33 kV	-	25%	-
8535 21 23	----	For a voltage of 66 kV	-	25%	-
8535 21 90	---	Other	-	25%	-
8535 29	--	<i>Other :</i>			
	---	<i>SF6 circuits breakers :</i>			
8535 29 11	----	For a voltage of 132 kV	-	25%	-
8535 29 12	----	For a voltage of 220 kV	-	25%	-
8535 29 13	----	For a voltage of 400 kV	-	25%	-
	---	<i>Vacuum circuit breaker :</i>			
8535 29 21	----	For a voltage of 132 kV	-	25%	-
8535 29 22	----	For a voltage of 220 kV	-	25%	-
8535 29 23	----	For a voltage of 400 kV	-	25%	-
8535 29 90	---	Other	-	25%	-
8535 30	-	<i>Isolating switches and make and break switches:</i>			
8535 30 10	---	Of plastic	-	25%	-
8535 30 90	---	Other	-	25%	-
8535 40	-	<i>Lighting arresters, voltage limiters and surge suppressors:</i>			
8535 40 10	---	Lighting arresters	-	25%	-
8535 40 20	---	Voltage limiters	-	25%	-
8535 40 30	---	Surge suppressors	-	25%	-
8535 90 00	-	Other	-	25%	-
8535 90 10	---	Motor starters for AC motors	-	25%	-
8535 90 20	---	Control gear and starters for DC motors	-	25%	-
8535 90 30	---	Other control & switch gear	-	25%	-
8535 90 40	---	Junction boxes	-	25%	-
8535 90 90	---	Other	-	25%	-
<b>8536</b>		<b>Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in</b>			

electrical circuits (for example, switches, relays, fuses, surge suppressors, plugs, sockets. Lamp-holders, junction boxes), for a voltage not exceeding 1,000 volts				
8536 10	- <i>Fuses:</i>			
8536 10 10	--- For switches having rating upto 15 amps, rewirable	-	30%	-
8536 10 20	--- For switches having rating above 15 amps high rupturing capacity/rewirable	-	30%	-
8536 10 30	--- Other rewirable fuses	-	30%	-
8536 10 40	--- Other high rupturing capacity fuses	-	30%	-
8536 10 50	--- Fuses gear	-	30%	-
8536 10 60	--- Electronic fuses	-	30%	-
8536 10 90	--- Other	-	30%	-
8536 20	- <i>Automatic circuit breakers:</i>			
8536 20 10	--- Air circuit breakers	-	30%	-
8536 20 20	--- Moulded case circuit breakers	-	30%	-
8536 20 30	--- Miniature circuit breakers	-	30%	-
8536 20 40	--- Earth leak circuit breakers	-	30%	-
8536 20 90	--- Other	-	30%	-
8536 30 00	- Other apparatus for protecting electrical circuits	-	30%	-
	- <i>Relays:</i>			
8536 41 00	-- For a voltage not exceeding 60V	-	30%	-
8536 49 00	-- Other	-	30%	-
8536 50	- <i>Other switches:</i>			
8536 50 10	--- Control and switch gear	-	30%	-
8536 50 20	--- Other switches of plastic	-	30%	-
8536 50 90	--- Other	-	30%	-
	- <i>Lamp-holders, plugs and sockets:</i>			
8536 61	-- <i>Lamp-holders:</i>			
8536 61 10	--- Of plastic	-	30%	-
8536 61 90	--- Of other materials	-	30%	-
8536 69	-- <i>Other:</i>			
8536 69 10	--- Of plastic	-	30%	-
8536 69 90	--- Of other materials	-	30%	-
8536 90	- <i>Other apparatus:</i>			

8536 90 10	---	Motor starters for AC motors	-	30%	-
8536 90 20	---	Motor starters for DC motors	-	30%	-
8536 90 30	---	Junction boxes	-	30%	-
8536 90 90	---	Other	-	30%	-
<b>8537</b>		<b>Boards, panels, consoles desks, cabinets and other bases, equipped with two or more apparatus of heading 8535 or 8536, for electric control or the distribution of electricity, including those incorporating instruments or apparatus of Chapter 90, and numerical control apparatus, other than switching apparatus of Heading 8517</b>			
8537 10 00	-	For a voltage not exceeding 1,000 V	-	30%	-
8537 20 00	-	For a voltage exceeding 1,000 V	-	30%	-
<b>8538</b>		<b>Parts suitable for use solely or principally with the apparatus of headings 8535, 8536 or 8237</b>			
	-	<i>Boards, panels, consoles, desks, cabinets and other bases for the goods of heading 8537, not equipped with their apparatus</i>			
8538 10 10	---	Control Panels for industrial use	-	30%	-
8538 10 20	---	Control Panels for use with medical diagnostic apparatus	-	30%	-
8538 10 90	---	Other	-	30%	-
8538 90 00	-	Other	-	30%	-
<b>8539</b>		<b>Electric filament or discharge lamps, including sealed beam lamp units and ultra-violet or infra-red lamps; Arc-lamps</b>			
8539 10 00	-	Sealed beam lamp units	NUM	30%	-
	-	<i>Other filament lamps, excluding ultra-violet or infra-red lamps:</i>			



8539 21	-- Tungsten halogen:				
8539 21 10	--- Of retail sale price not exceeding Rupees 20 per bulb	NUM	30%	-	
	--- <i>Other</i>				
8539 21 91	---- Miniature halogen lamps with fittings	NUM	30%	-	
8539 21 92	---- Other for automobiles	NUM	30%	-	
8539 21 99	---- Other	NUM	30%	-	
8539 22 00	-- Other, of a power not exceeding 200 W and for a voltage exceeding 100 V	NUM	30%	-	
8539 29	-- <i>Other:</i>				
8539 29 10	--- Bulb, for torches	NUM	30%	-	
8539 29 20	--- Miniature bulbs	NUM	30%	-	
8539 29 30	--- Other for automobile lamps	NUM	30%	-	
8539 29 90	--- Other	NUM	30%	-	
	- <i>Discharge lamps, other than ultra-violet lamps:</i>				
8539 31	-- <i>Fluorescent, hot cathode</i>				
	:				
8539 31 10	--- Compact fluorescent lamps	NUM	30%	-	
8539 31 90	--- <i>Other</i>	NUM	30%	-	
8539 32	-- <i>Mercury or sodium vapour lamps; metal halide lamps</i>				
	:				
8539 32 10	--- Mercury vapour lamp	NUM	30%	-	
8539 32 20	--- Sodium vapour lamp	NUM	30%	-	
8539 32 30	--- Metal halide lamps	NUM	30%	-	
8539 39	-- <i>Other:</i>				
8539 39 10	--- Triphosphor energy efficient fluorescent lamps	NUM	30%	-	
8539 39 90	--- Other	NUM	30%	-	
	- <i>Ultra-violet or infra-red lamps; arc lamps :</i>				
8539 41 00	-- Arc-lamps	NUM	30%	-	
8539 49 00	-- Other including Photo-optic lamps	NUM	30%	-	
8539 90	- <i>Parts:</i>				
8539 90 10	--- Parts of fluorescent tube lamps	-	30%	-	
8539 90 20	--- Parts of Arc lamps	-	30%	-	
8539 90 90	--- Other	-	30%	-	
<b>8540</b>	<b>Thermionic, cold cathode or photocathode valves and tubes (for example, vacuum</b>				

	<b>or vapour or gas filled valves and tubes, mercury arc rectifying valves and tubes, cathode-ray tubes, television camera tubes)</b>			
	- <i>Cathode-ray television picture tubes, including video monitor cathode-ray tubes:</i>			
8540 11	-- <i>Colour:</i>			
8540 11 10	--- Television Picture tubes of 20" and 21" size, except 21" Flat and Full square (F&FST) Colour TV picture tubes	NUM	30%	-
8540 11 20	--- Video monitor cathode-ray tubes	NUM	30%	-
8540 11 90	--- Other	NUM	30%	-
8540 12 00	-- Black and white or other monochrome	NUM	25%	-
8540 20 00	- Television camera tubes; Image converters and intensifiers; Other photo cathode tubes	NUM	25%	-
8540 40 00	- Data/graphic display tubes, colour, with a phosphor dot screen pitch smaller than 0.4 mm	NUM	Free	-
8540 50 00	- Data/graphic display tubes, black and white or other monochrome	NUM	25%	-
8540 60 00	- Other cathode-ray tubes	NUM	25%	-
	- <i>Microwave tubes (for example, magnetrons, klystrons, travelling wave tubes, carcinotrons), excluding grid-controlled tubes:</i>			
8540 70 00	-- Magnetrons	NUM	25%	-
8540 72 00	-- Klystrons	NUM	25%	-
8540 79 00	-- Other	NUM	25%	-
	- <i>Other valves and tubes:</i>			
8540 81 00	-- Receiver or amplifier valves and tubes	NUM	25%	-
8540 89 00	-- Other	NUM	25%	-

8540 91 00	- <i>Parts:</i> -- Of cathode-ray tubes	-	30%	-
8540 99 00	-- Other	-	25%	-
<b>8541</b>	<b>Diodes, transistors and similar semi-conductor devices; Photosensitive semi-conductor devices, including photovoltaic cells whether or not assembled in modules or made-up into panels; Light emitting diodes; Mounted piezo-electric crystals</b>			
8541 10 00	- Diodes, other than photosensitive or light emitting diodes	-	15%	-
8541 21 00	- <i>Transistors, other than photosensitive transistors:</i> -- With a dissipation rate of less than 1 W	-	15%	-
8541 29 00	-- Other	-	15%	-
8541 30	- <i>Thyristors, diacs and triacs, other than photosensitive devices:</i>			
8541 30 10	--- Thyristors	-	15%	-
8541 30 90	--- Other	-	15%	-
8541 40	- <i>Photosensitive semi-conductor devices, including photovoltaic cells whether or not assembled in modules or made up into panels; Light emitting diodes:</i>			
8541 40 11	---- <i>Photocells:</i> Solar cells whether or not assembled in modules or panels	-	15%	-
8541 40 19	---- Other	-	15%	-
8541 40 20	--- Light emitting diodes (electro luminescent)	-	15%	-
8541 40 90	--- Other	-	15%	-
8541 50 00	- Other semi-conductors devices	-	15%	-
8541 60 00	- Mounted piezo-electric	-	15%	-

	crystals				
8541 90 00	- Parts	-	Free	-	
<b>8542</b>	<b>Electronic Integrated circuits and microassemblies</b>				
	- <i>Cards incorporating an electronic integrated circuit ("smart" cards):</i>				
8542 10 10	--- SIM cards	NUM	Free	-	
8542 10 20	--- Memory cards	NUM	Free	-	
8542 10 90	--- Other	-	Free	-	
	- <i>Monolithic integrated circuits:</i>				
8542 21 00	-- Digital	NUM	Free	-	
	-- <i>Other:</i>	NUM			
8542 21 10	--- Cards incorporating only a single electronic integrated circuit with optical strip	NUM	Free	-	
8542 21 90	--- Other	NUM	Free	-	
8542 60 00	- Hybrid integrated circuits	NUM	Free	-	
8542 70 00	- Electronic microassemblies	NUM	Free	-	
8542 90 00	- Parts	-	Free	-	
<b>8543</b>	<b>Electrical machines and apparatus having individual functions, not specified or included elsewhere in this Chapter</b>				
	- <i>Particle accelerators:</i>				
8543 11 00	-- Ion implanters for doping semi conductor materials	-	Free	-	
<i>8543 19</i>	-- <i>Other:</i>				
8543 19 10	--- Vane graff, cock-croft, walton accelerators	-	25%	-	
8543 19 20	--- Synchrocyclotrons, synchrotrons	-	25%	-	
8543 19 90	--- Other including cyclotrons	-	25%	-	
<i>8543 20</i>	- <i>Signal generators:</i>				
8543 20 10	--- Sweep generators	-	25%	-	
8543 20 20	--- Impulse generators	-	25%	-	
8543 20 30	--- Tacho generators	-	25%	-	
8543 20 90	--- Other	-	25%	-	
8543 30 00	- Machines and apparatus for electroplating, electrolysis or electrophoresis	-	25%	-	

8543 40 00	- Electric fence energisers	-	30%	-
	- <i>Other machines and apparatus:</i>			
8543 81 00	-- Proximity cards and tags	-	15%	-
8543 89	-- <i>Other:</i>			
8543 89 10	--- Metal detector	-	30%	-
8543 89 20	--- Mine detector	-	30%	-
	--- <i>Audio special effect equipments:</i>			
8543 89 31	---- Digital reverberators	-	30%	-
8543 89 32	---- Mixing systems or consoles	-	30%	-
8543 89 39	---- <i>Other</i>	-	30%	-
	--- <i>Video special effect equipments:</i>			
8543 89 41	---- Video mixing system or consoles	-	30%	-
8543 89 42	---- Video effect system	-	30%	-
8543 89 43	---- Digital layering machine	-	30%	-
8543 89 44	---- Paint box	-	30%	-
8543 89 45	---- Video typewriter	-	30%	-
8543 89 46	---- Video matting machines	-	30%	-
8543 89 49	---- Other	-	30%	-
	--- <i>Edit control unit:</i>			
8543 89 51	---- Computerised editing system controlling more than three video editing machines	-	30%	-
8543 89 52	---- Other video control units	-	30%	-
8543 89 59	---- Other	-	30%	-
8543 89 60	--- Colour correctors	-	30%	-
	--- <i>Amplifier:</i>			
8543 89 71	---- Broadcast amplifier	-	30%	-
8543 89 72	---- Limiting amplifier, video distribution amplifier and stabilising amplifiers	-	30%	-
8543 89 79	---- Other	-	30%	-
	--- <i>Graphic equaliser and synthesised receivers:</i>			
8543 89 81	---- Graphic equalisers	-	30%	-
8543 89 82	---- Synthesised receivers	-	30%	-
	--- <i>Other :</i>			
8543 89 91	---- RF (Radio Frequency) power amplifiers and noise generators for communication jamming equipment, static/mobile/manportable	-	30%	-
8543 89 92	---- Equipment/gadgets based on solar energy	-	30%	-
8543 89 93	---- Professional beauty care equipment	-	30%	-
8543 89 94	---- Audio video stereo encoders	-	30%	-
8543 89 95	---- Time code generator	-	30%	-

8543 89 99	----	Other	-	30%	-
8543 90 00	-	Parts	-	25%	-
<b>8544</b>		<b>Insulated (including enamelled or anodised) wire, cable (including co-axial cable) and other insulated electric conductors, whether or not fitted with connectors; Optical fibre cables, made up of individually sheathed fibres, whether or not assembled with electric conductors or fitted with connectors</b>			
	-	<i>Winding wire:</i>			
8544 11	--	<i>Of copper:</i>			
8544 11 10	---	Enamelled	-	30%	-
8544 11 90	---	Other	-	30%	-
8544 19	--	<i>Other:</i>			
8544 19 10	---	Asbestos covered	-	30%	-
8544 19 20	---	Plastic insulated	-	30%	-
8544 19 30	---	Rubber insulated	-	30%	-
8544 19 90	---	Other	-	30%	-
8544 20	-	<i>Co-axial cable and other co-axial electric conductors:</i>			
8544 20 10	---	Co-axial cable	-	30%	-
8544 20 20	---	Other	-	30%	-
8544 30 00	-	Ignition wiring sets and other wiring sets of a kind used in vehicles, aircraft or ships	-	30%	-
	-	<i>Other electric conductors, for a voltage not exceeding 80v:</i>			
8544 41	--	<i>Fitted with connectors:</i>			
	---	<i>Telephone cables:</i>			
8544 41 11	----	Dry core paper insulated	-	30%	-
8544 41 19	----	Other	-	30%	-
8544 41 20	---	Paper insulated cables	-	30%	-
8544 41 30	---	Plastic insulated cables and flexes	-	30%	-
8544 41 40	---	Rubber insulated cables and flexes	-	30%	-
8544 41 50	---	Varnished combric cables and flexes	-	30%	-
8544 41 90	---	Other	-	30%	-

8544 49	--	<i>Other :</i>			
	---	<i>Telephone cables :</i>			
8544 49 11	----	Dry core paper insulated	-	30%	-
8544 49 19	----	Other	-	30%	-
8544 49 20	---	Paper insulated cables	-	30%	-
8544 49 30	---	Plastic insulated cables and flexes	-	30%	-
8544 49 40	---	Rubber insulated cables and flexes	-	30%	-
8544 49 50	---	Varnished combric cables and flexes	-	30%	-
8544 49 90	---	Other	-	30%	-
	-	<i>Other electric conductors, for a voltage exceeding 80 v but not exceeding 1,000v:</i>			
8544 51	--	<i>Fitted with connectors:</i>			
8544 51 10	---	Power cables with aluminium	-	30%	-
8544 51 20	---	Paper insulated cables	-	30%	-
8544 51 30	---	Plastic insulated cables and flexes	-	30%	-
8544 51 40	---	Rubber insulated cables and flexes	-	30%	-
8544 51 50	---	Varnished combric cables and flexes	-	30%	-
8544 51 90	---	Other	-	30%	-
8544 59	--	<i>Other :</i>			
8544 59 10	---	Power cables with aluminium	-	30%	-
8544 59 20	---	Paper insulated cables	-	30%	-
8544 59 30	---	Plastic insulated cables and flexes	-	30%	-
8544 59 40	---	Rubber insulated cables and flexes	-	30%	-
8544 59 50	---	Varnished combric cables and flexes	-	30%	-
8544 59 90	---	Other	-	30%	-
8544 60	-	<i>Other electric conductor of a voltage exceeding 1000 V:</i>			
8544 60 10	---	Power cables with aluminium	-	30%	-
8544 60 20	---	Paper insulated cables	-	30%	-
8544 60 30	---	Plastic insulated cables and flexes	-	30%	-
8544 60 40	---	Rubber insulated cables and flexes	-	30%	-
8544 60 50	---	Varnished combric cables and flexes	-	30%	-
8544 60 90	---	Other	-	30%	-
8544 70	-	<i>Optical fibre cables:</i>			
8544 70 10	---	Lead alloy sheathed cables for lighting purposes	-	30%	-

8544 70 90	---	Others	-	15%	-
<b>8545</b>		<b>Carbon electrodes, carbon brushes, lamp carbons, battery carbons and other articles of graphite or other carbon, with or without metal, of a kind used for electrical purposes</b>			
	-	<i>Electrodes:</i>			
8545 11 00	--	Of a kind used for furnaces	-	25%	-
8545 19 00	--	Other	-	25%	-
8545 20 00	-	Brushes	-	25%	-
8545 90	-	<i>Other :</i>			
8545 90 10	---	Arc lamp carbon	-	25%	-
8545 90 20	---	Battery carbon	-	25%	-
8545 90 90	---	Other	-	25%	-
<b>8546</b>		<b>Electrical insulators of any material</b>			
8546 10 00	-	Of glass	-	25%	-
8546 20	-	<i>Of ceramics:</i>			
	---	<i>Porcelain discs &amp; strings :</i>			
8546 20 11	----	Porcelain below 6.6 kV	-	25%	-
8546 20 19	----	Other	-	25%	-
	---	<i>Porcelain post insulators :</i>			
8546 20 21	----	Below 6.6 kV	-	25%	-
8546 20 22	----	6.6 kV or above but upto 11 kV	-	25%	-
8546 20 23	----	Above 11 kV but upto 66 kV	-	25%	-
8546 20 24	----	Above 66 kV but upto 132 kV	-	25%	-
8546 20 29	----	Above 132 kV	-	25%	-
	---	<i>Porcelain pin insulators:</i>			
8546 20 31	----	Below 6.6 kV	-	25%	-
8546 20 32	----	6.6 kV to 11 kV	-	25%	-
8546 20 33	----	Above 11 kV upto 66 kV	-	25%	-
8546 20 39	----	Above 66 kV	-	25%	-
8546 20 40	---	High tension porcelain solid core insulators	-	25%	-
8546 20 50	---	Low Tension porcelain insulators including Telegraph & telephone insulators	-	25%	-
8546 90	-	<i>Other:</i>			
8546 90 10	---	Heat shrinkable components	-	25%	-



8546 90 90	---	Other	-	25%	-
<b>8547</b>		<b>Insulating fittings for electrical machines, appliances or equipment, being fittings wholly of insulating material apart from any minor components of metal (For example, threaded sockets) incorporated during moulding solely for purposed of assembly, other than insulators of heading 8546 Electrical conduit tubing and joints therefor, of base metal lined with insulating material</b>			
8547 10	-	<i>Insulating fittings of ceramics:</i>			
8547 10 10	---	Porcelain bushing below 6.6 kV	-	25%	-
8547 10 20	---	Porcelain bushings 6.6 kV to 11 kV	-	25%	-
8547 10 30	---	Porcelain bushings above 11 kV to 66 kV	-	25%	-
8547 10 40	---	Porcelain bushings above 66 kV	-	25%	-
8547 10 90	---	Other	-	25%	-
8547 20 00	-	Insulating fittings of plastics	-	25%	-
8547 90	-	<i>Other :</i>			
8547 90 10	---	Electrical insulating fittings of glass	-	25%	-
8547 90 20	---	Electrical conduit tubing & joints therefor, of base metal lined with insulating material	-	25%	-
8547 90 90	---	Other	-	25%	-
<b>8548</b>		<b>Waste and scrap of primary cells, primary batteries and electric accumulators; Spent primary cells, spent primary batteries and spent electric accumulators; Electrical parts of machinery or apparatus, not specified or included elsewhere in this</b>			

8548 10	-	<b>Chapter</b> <i>Waste and scrap of primary cells, primary batteries and electric accumulators; spent primary cells, spent primary batteries and spent electric accumulators:</i>			
8548 10 10	---	Battery scrap, namely the following: Lead battery plates covered by ISRI, Code word Rails Battery lugs covered by ISRI, Code word Rakes	-	30%	-
8548 10 20	---	Battery wastes, namely the following; Scrap drained/dry while intact, lead batteries covered by ISRI, Code word Rains, Scrap wet whole intact lead batteries covered by ISRI, Code word Rink, Scrap industrial intact lead cells covered by ISRI Code word Rono, Scrap whole intact industrial lead batteries covered by ISRI Code word Roper, Edison batteries covered by ISRI Code word Vaunt	-	30%	-
8548 10 90	---	Other waste and scrap	-	30%	-
8548 90	-	Other	-		